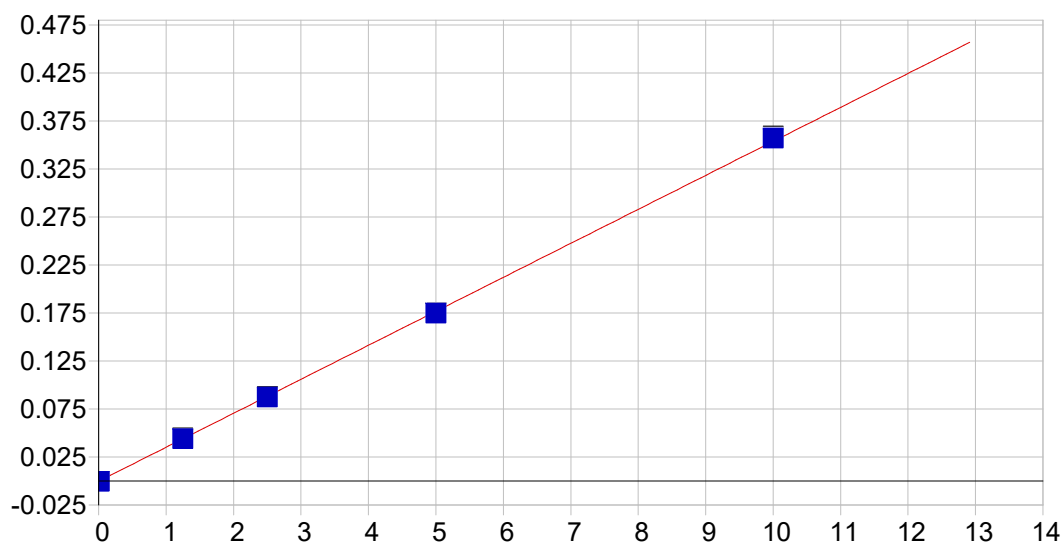


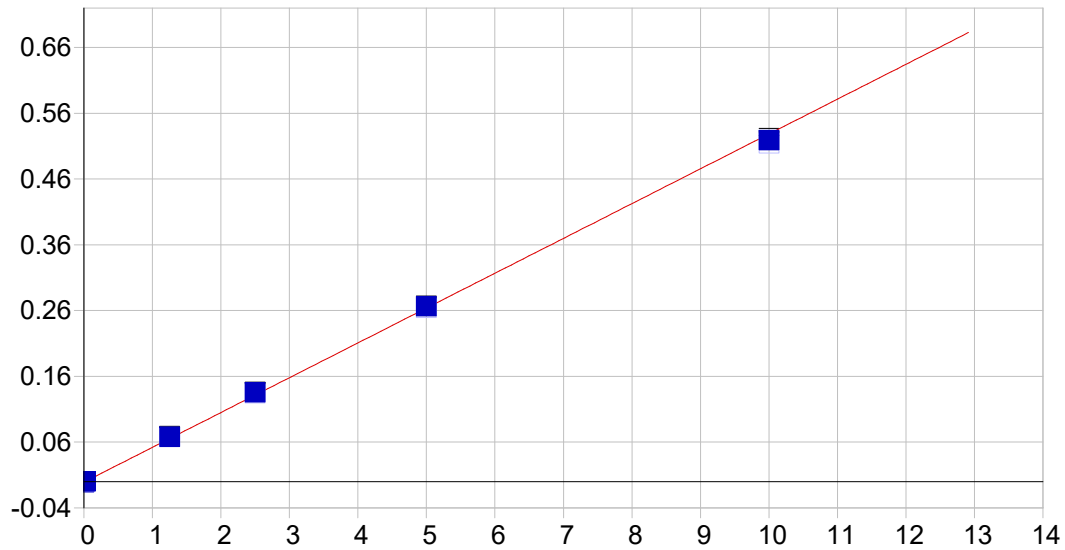


As 189.042 {479}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000295 Re-Slope: 1.000000
 A1 (Gain): 0.035406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.007325
 Predicted MQL: 0.024416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00029	.000	1
S1	.01000	.00262	-.007	-73.8	-.00020	.000	1
S2	1.2500	1.2509	.001	.074	.04411	.001	1
S3	2.5000	2.4720	-.028	-1.12	.08746	.001	1
S4	5.0000	4.9442	-.056	-1.12	.17522	.000	1
S5	10.000	10.090	.090	.902	.35788	.001	1

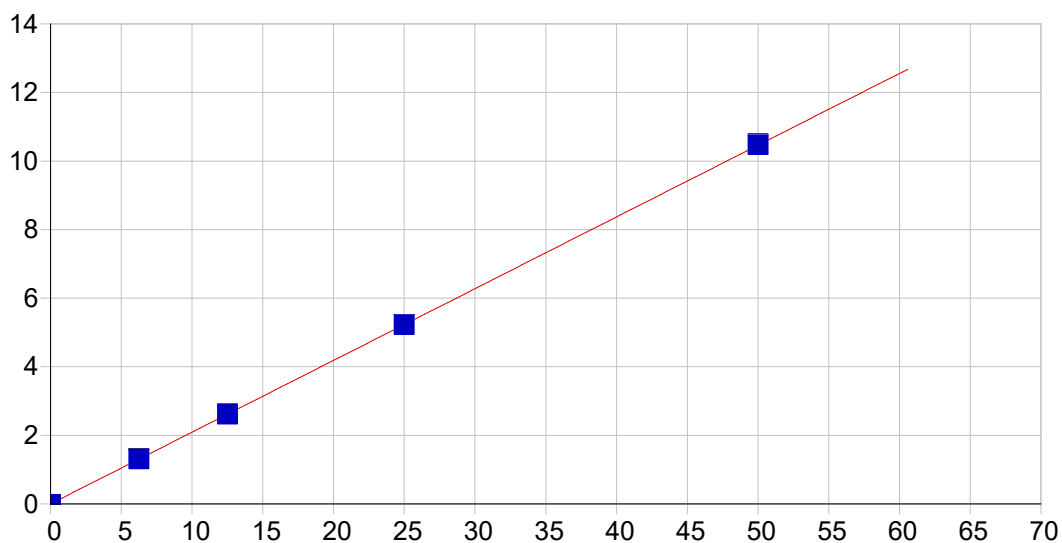


TI 190.856 {477}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000900 Re-Slope: 1.000000
 A1 (Gain): 0.052946 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.004852
 Predicted MQL: 0.016175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00090	.000	1
S1	.02500	.02713	.002	8.52	.00048	.000	1
S2	1.2500	1.3052	.055	4.42	.06760	.001	1
S3	2.5000	2.5760	.076	3.04	.13428	.001	1
S4	5.0000	5.0467	.047	.935	.26389	.001	1
S5	10.000	9.8200	-.180	-1.80	.51421	.003	1

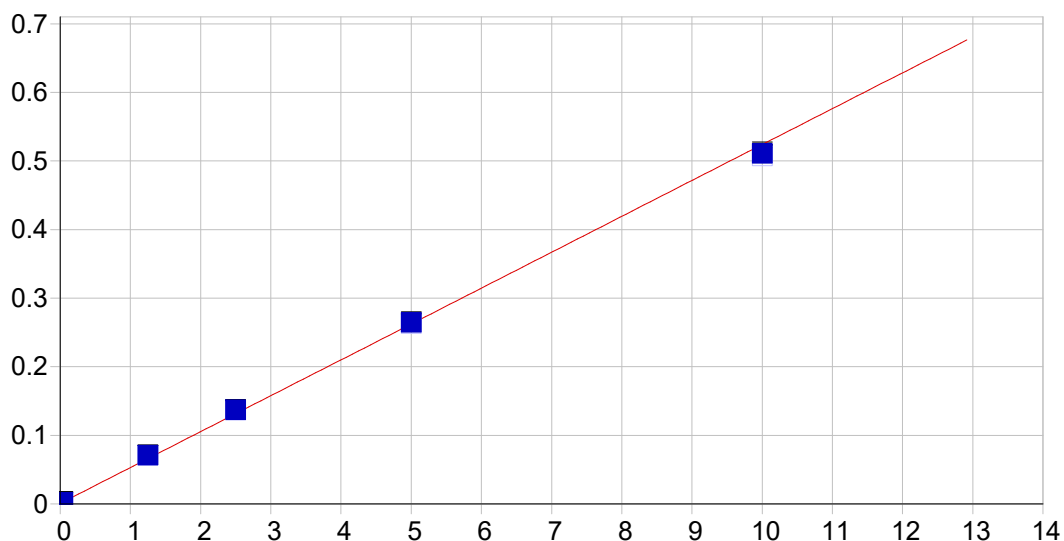


Pb 220.353 {453}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000607 Re-Slope: 1.000000
 A1 (Gain): 0.209227 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.002525
 Predicted MQL: 0.008416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.01000	.01190	.002	19.0	.00310	.000	1
S2	6.2500	6.2567	.007	.108	1.3104	.003	1
S3	12.500	12.481	-.019	-.151	2.6135	.007	1
S4	25.000	24.963	-.037	-.146	5.2266	.004	1
S5	50.000	50.047	.047	.094	10.478	.024	1

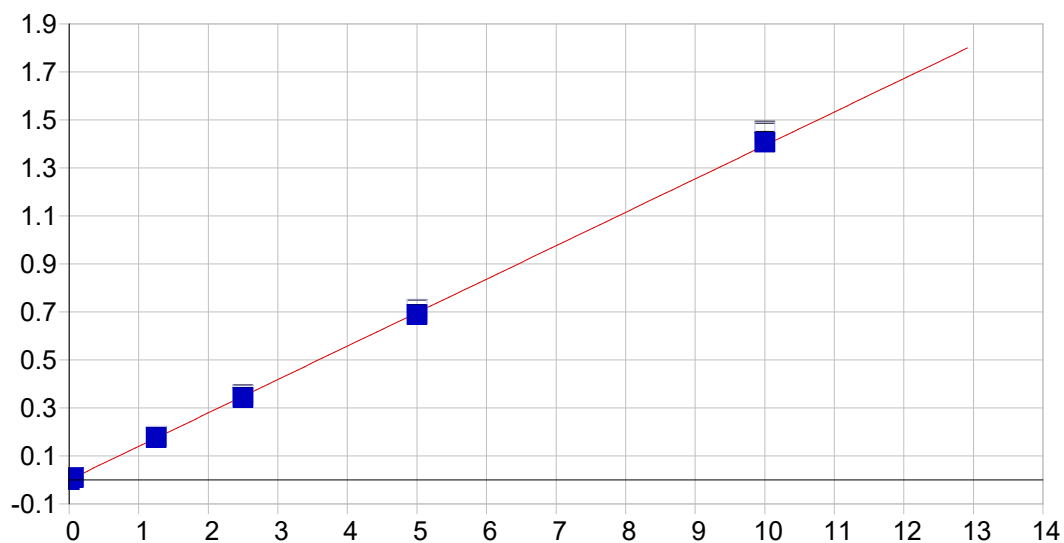


Se 196.090 {472}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000714	Re-Slope:	1.000000
A1 (Gain):	0.052320	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999503	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.005904		
Predicted MQL:	0.019680		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00071	.000	1
S1	.03500	.03920	.004	12.0	.00276	.000	1
S2	1.2500	1.3440	.094	7.52	.07056	.000	1
S3	2.5000	2.6048	.105	4.19	.13605	.001	1
S4	5.0000	5.0434	.043	.868	.26269	.001	1
S5	10.000	9.7536	-.246	-2.46	.50723	.002	1

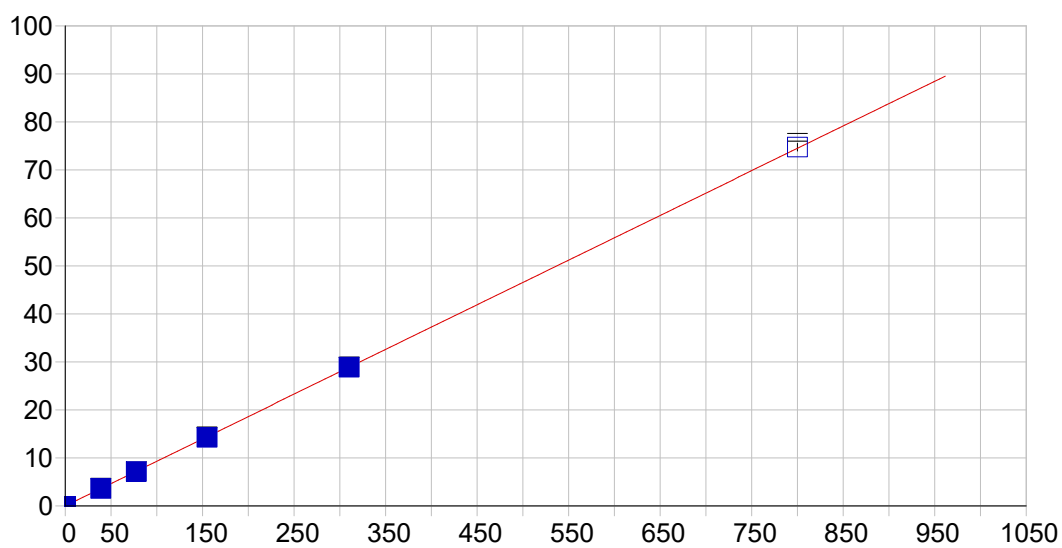


Sb 206.833 {463}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000385 Re-Slope: 1.000000
 A1 (Gain): 0.139320 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002803
 Predicted MQL: 0.009343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.001	1
S1	.06000	.06268	.003	4.47	.00912	.000	1
S2	1.2500	1.2587	.009	.700	.18107	.000	1
S3	2.5000	2.4566	-.043	-1.74	.35327	.001	1
S4	5.0000	4.9368	-.063	-1.26	.70945	.001	1
S5	10.000	10.095	.095	.953	1.4494	.004	1

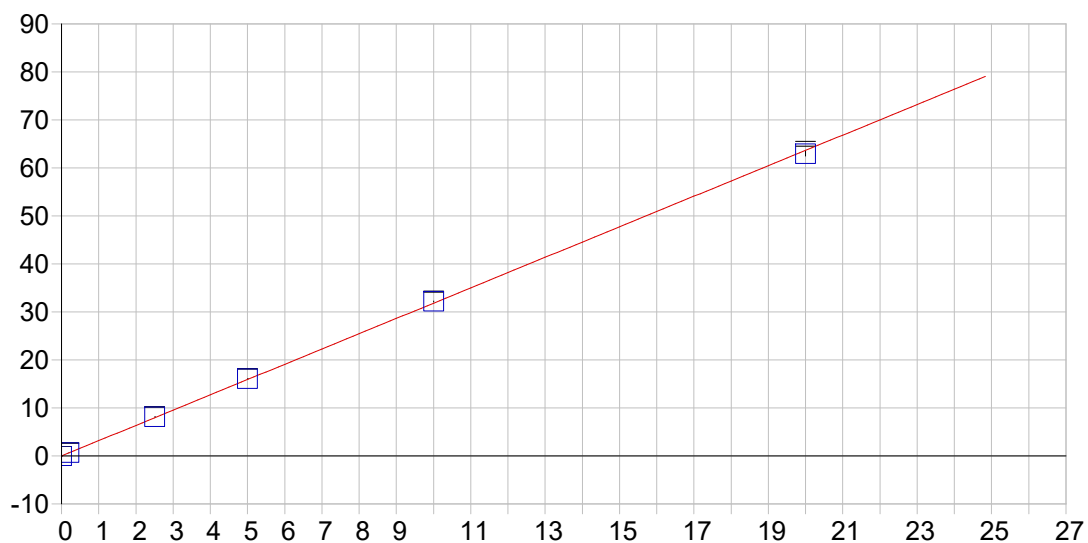


AI 396.152 { 85}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002924 Re-Slope: 1.000000
 A1 (Gain): 0.093108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.010497
 Predicted MQL: 0.034991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00292	.002	1
S1	.20000	.21498	.015	7.49	.02297	.001	1
S2	38.750	38.963	.213	.549	3.6344	.017	1
S3	77.500	76.244	-1.26	-1.62	7.1094	.033	1
S4	155.00	153.22	-1.78	-1.15	14.284	.072	1
S5	310.00	310.11	.115	.037	28.907	.034	1
S6	800.00	802.70	2.70	.338	74.741	.775	1

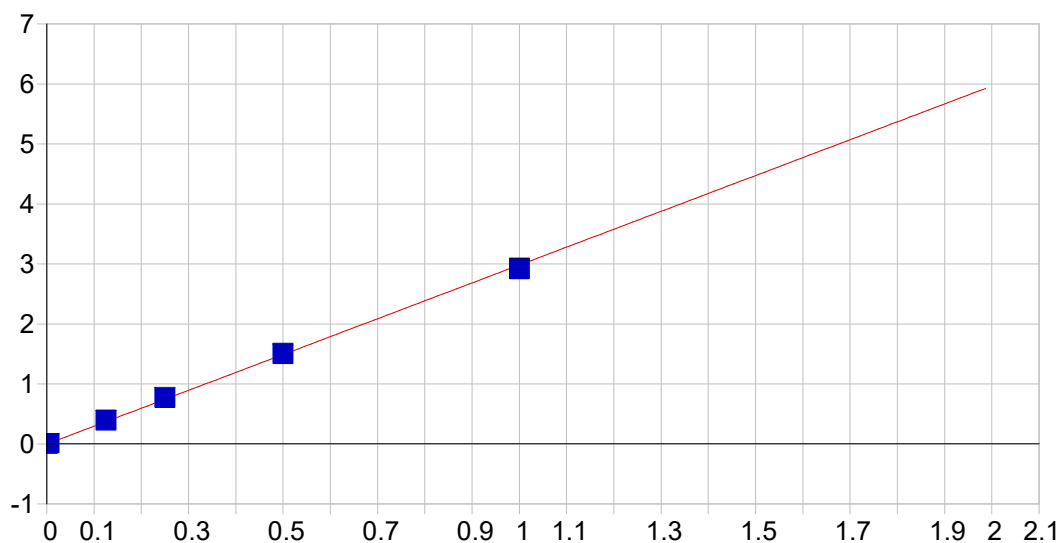


Ba 493.409 { 68}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008134 Re-Slope: 1.000000
 A1 (Gain): 3.182912 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.003982
 Predicted MDL: 0.000892
 Predicted MQL: 0.002973

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00816	.002	1
S1	.20000	.20236	.002	1.18	.63595	.007	1
S2	2.5000	2.5549	.055	2.20	8.1239	.019	1
S3	5.0000	5.0444	.044	.888	16.048	.009	1
S4	10.000	10.113	.113	1.13	32.182	.107	1
S5	20.000	19.785	-.215	-1.08	62.966	.499	1

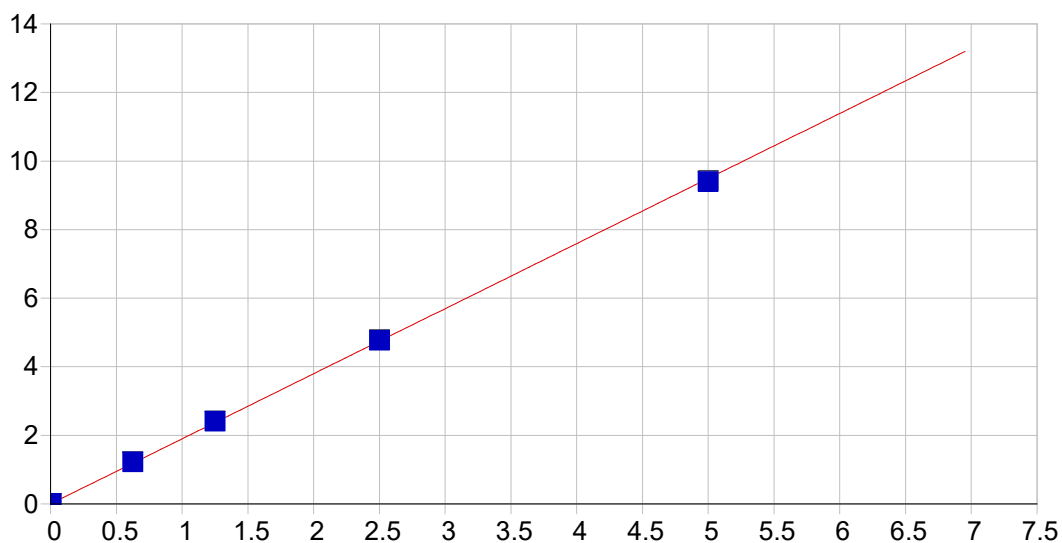


Be 234.861 {144}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002303	Re-Slope:	1.000000
A1 (Gain):	2.983542	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999626	Status:	OK.
Std Error of Est:	0.000306		
Predicted MDL:	0.000118		
Predicted MQL:	0.000393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00231	.000	1
S1	.00500	.00560	.001	11.9	.01439	.001	1
S2	.12500	.13253	.008	6.03	.39216	.002	1
S3	.25000	.25992	.010	3.97	.77124	.003	1
S4	.50000	.50338	.003	.675	1.4957	.011	1
S5	1.0000	.97857	-.021	-2.14	2.9096	.014	1

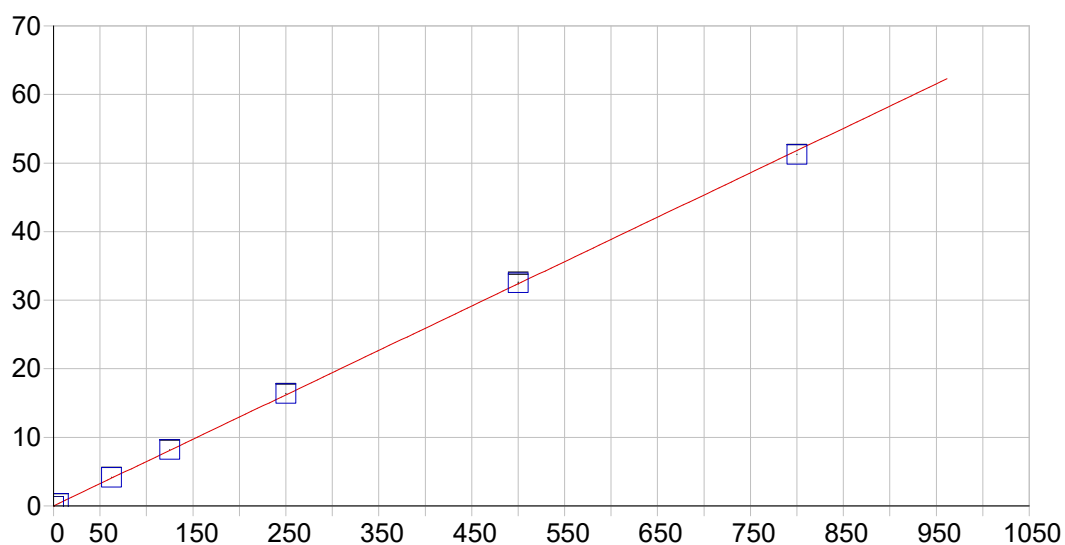


Cd 214.438 {457}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000413 Re-Slope: 1.000000
 A1 (Gain): 1.898284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.000171
 Predicted MQL: 0.000570

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.00500	.00542	.000	8.41	.01071	.000	1
S2	.62500	.64320	.018	2.91	1.2237	.001	1
S3	1.2500	1.2685	.019	1.48	2.4131	.002	1
S4	2.5000	2.5119	.012	.474	4.7780	.010	1
S5	5.0000	4.9510	-.049	-.980	9.4175	.014	1

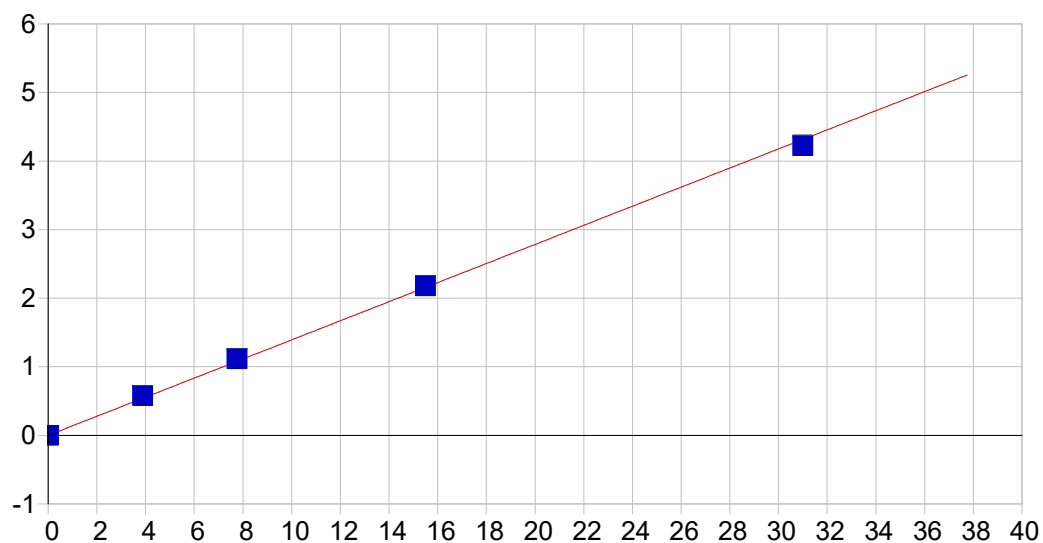


Ca 373.690 { 90}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001357 Re-Slope: 1.000000
 A1 (Gain): 0.064771 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.002705
 Predicted MDL: 0.014332
 Predicted MQL: 0.047775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	.00131	.000	1
S1	5.0000	5.4194	.419	8.39	.35238	.003	1
S2	62.500	64.417	1.92	3.07	4.1737	.015	1
S3	125.00	126.57	1.57	1.26	8.1993	.018	1
S4	250.00	252.92	2.92	1.17	16.383	.042	1
S5	500.00	501.88	1.88	.376	32.509	.146	1
S6	800.00	791.30	-8.70	-1.09	51.254	.022	1

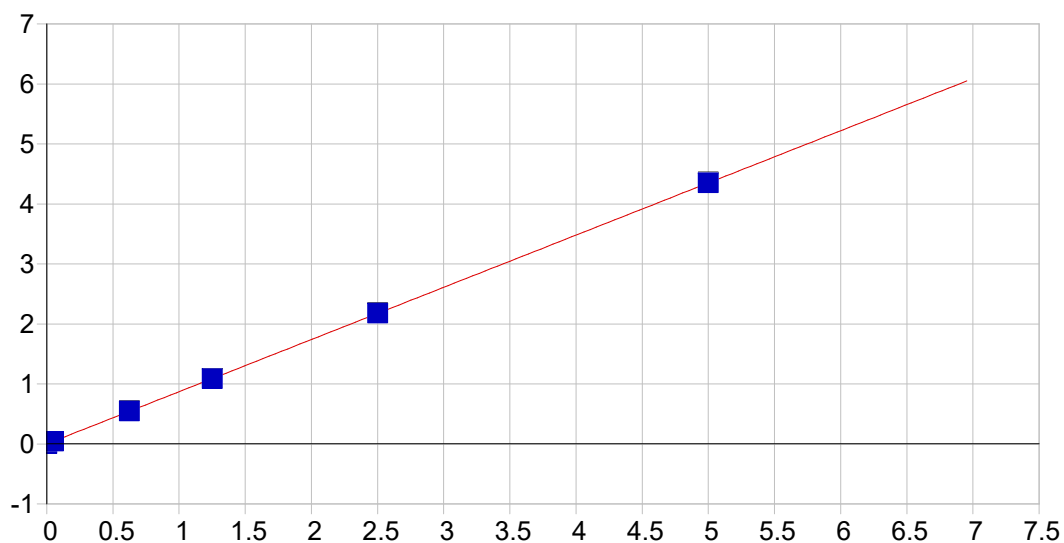


Cr 267.716 {126}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000057	Re-Slope:	1.000000
A1 (Gain):	0.139231	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999610	Status:	OK.
Std Error of Est:	0.000115		
Predicted MDL:	0.000772		
Predicted MQL:	0.002572		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01218	.002	21.8	.00164	.000	1
S2	3.8750	4.1485	.274	7.06	.57770	.000	1
S3	7.7500	8.0146	.265	3.41	1.1161	.003	1
S4	15.500	15.646	.146	.944	2.1790	.003	1
S5	31.000	30.313	-.687	-2.22	4.2217	.009	1

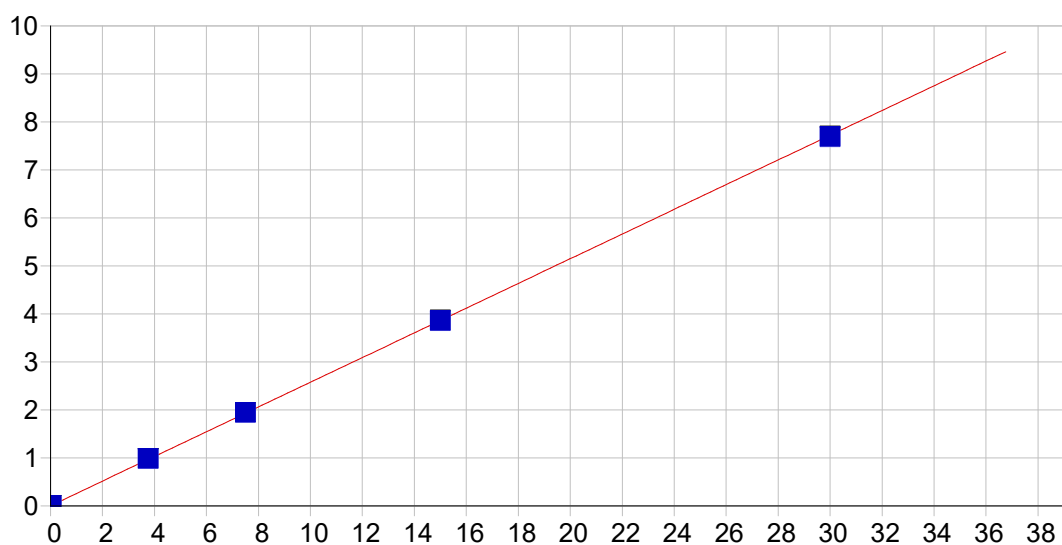


Co 228.616 {448}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000224	Re-Slope:	1.000000
A1 (Gain):	0.869867	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.000420		
Predicted MQL:	0.001399		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.05000	.05146	.001	2.92	.04514	.000	1
S2	.62500	.62740	.002	.383	.54679	.001	1
S3	1.2500	1.2465	-.004	-.281	1.0861	.002	1
S4	2.5000	2.5014	.001	.057	2.1794	.004	1
S5	5.0000	4.9982	-.002	-.036	4.3545	.009	1

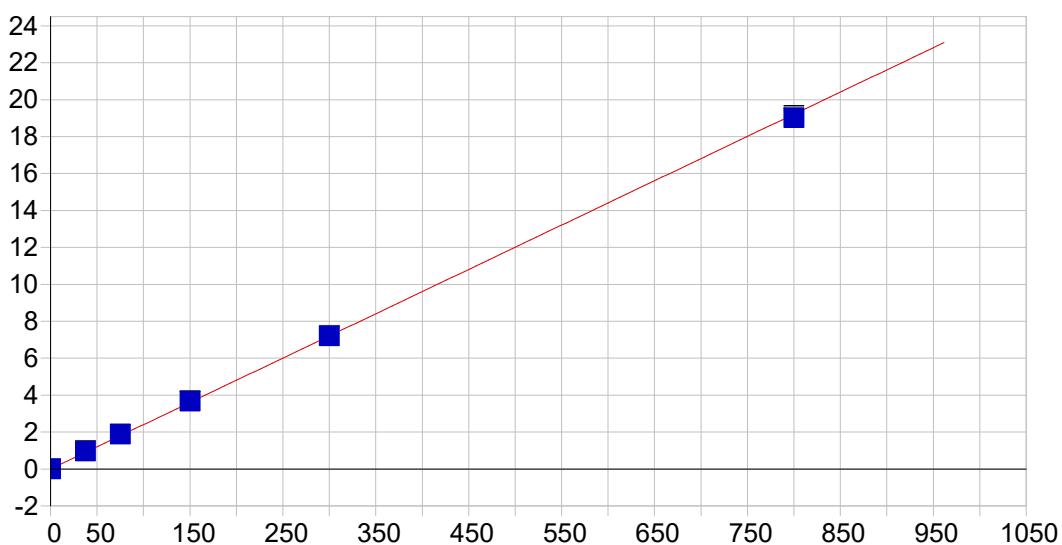


Cu 324.754 {104}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002113	Re-Slope:	1.000000
A1 (Gain):	0.257359	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000073		
Predicted MDL:	0.002380		
Predicted MQL:	0.007933		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00211	.001	1
S1	.02500	.02666	.002	6.64	.00896	.000	1
S2	3.7500	3.8169	.067	1.78	.98313	.004	1
S3	7.5000	7.5527	.053	.703	1.9433	.001	1
S4	15.000	14.996	-.004	-.025	3.8563	.011	1
S5	30.000	29.882	-.118	-.392	7.6822	.012	1

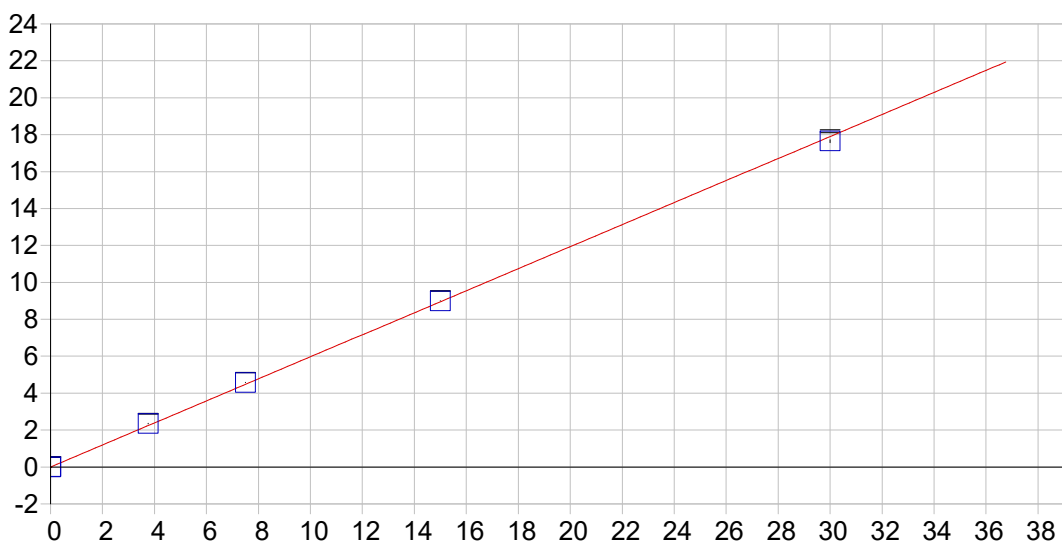


Fe 259.837 {130}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000058	Re-Slope:	1.000000
A1 (Gain):	0.024017	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999829	Status:	OK.
Std Error of Est:	0.000194		
Predicted MDL:	0.011322		
Predicted MQL:	0.037740		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00006	.000	1
S1	.10000	.12214	.022	22.1	.00288	.000	1
S2	37.500	40.199	2.70	7.20	.96647	.011	1
S3	75.000	78.173	3.17	4.23	1.8796	.010	1
S4	150.00	152.72	2.72	1.81	3.6721	.011	1
S5	300.00	299.57	-.426	-.142	7.2034	.026	1
S6	800.00	791.81	-8.19	-1.02	19.030	.119	1

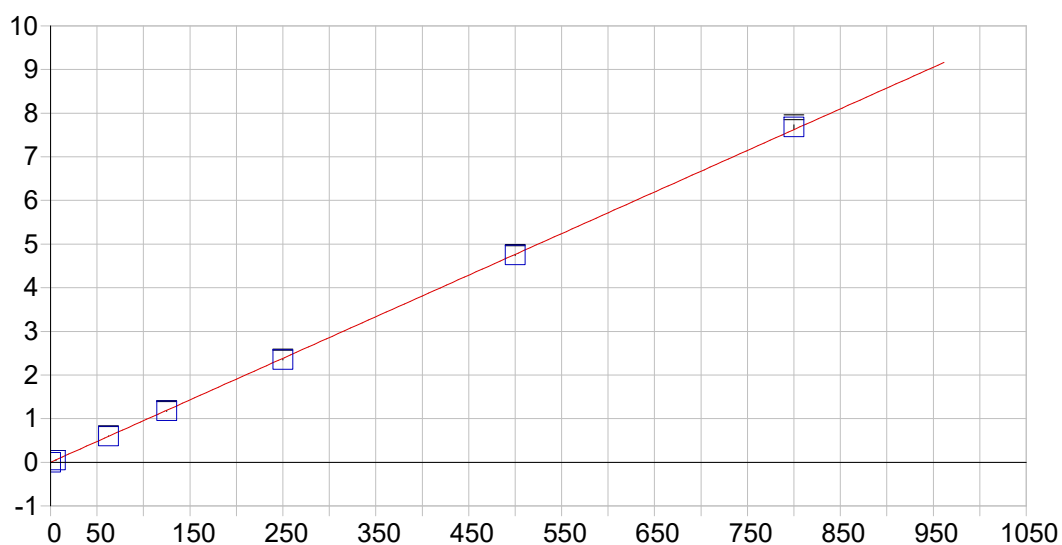


Mn 257.610 {131}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000314 Re-Slope: 1.000000
 A1 (Gain): 0.596714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000398
 Predicted MDL: 0.000516
 Predicted MQL: 0.001721

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00031	.000	1
S1	.01500	.01673	.002	11.5	.01030	.000	1
S2	3.7500	3.9384	.188	5.02	2.3504	.010	1
S3	7.5000	7.6684	.168	2.25	4.5762	.007	1
S4	15.000	15.067	.067	.446	8.9910	.009	1
S5	30.000	29.575	-.425	-1.42	17.648	.077	1

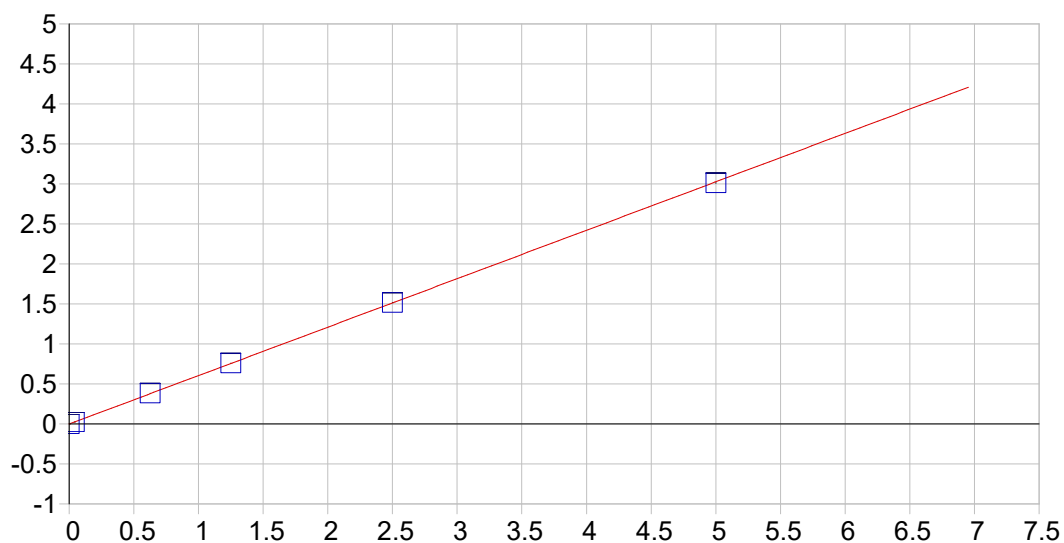


Mg 279.079 {121}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.009529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000269
 Predicted MDL: 0.033899
 Predicted MQL: 0.112995

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00013	.000	1
S1	5.0000	5.1146	.115	2.29	.04860	.001	1
S2	62.500	62.677	.177	.283	.59711	.006	1
S3	125.00	123.28	-1.72	-1.38	1.1746	.011	1
S4	250.00	247.00	-3.00	-1.20	2.3535	.010	1
S5	500.00	498.36	-1.64	-.327	4.7487	.015	1
S6	800.00	806.06	6.06	.758	7.6808	.055	1

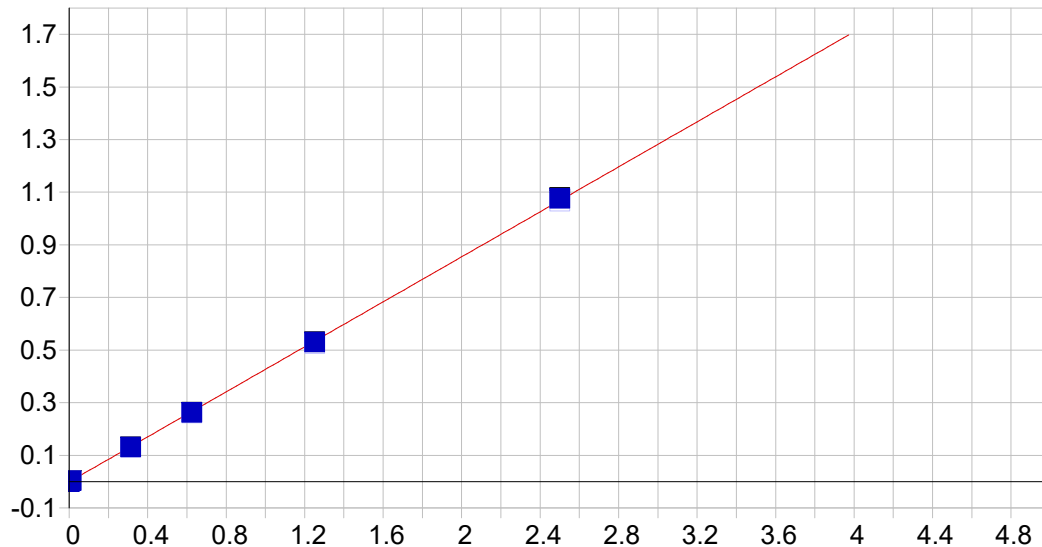


Ni 231.604 {446}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001516	Re-Slope:	1.000000
A1 (Gain):	0.605535	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000087		
Predicted MDL:	0.000691		
Predicted MQL:	0.002302		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00152	.000	1
S1	.04000	.04157	.002	3.94	.02366	.001	1
S2	.62500	.63471	.010	1.55	.38282	.001	1
S3	1.2500	1.2544	.004	.355	.75809	.002	1
S4	2.5000	2.5066	.007	.266	1.5163	.001	1
S5	5.0000	4.9776	-.022	-.447	3.0126	.003	1

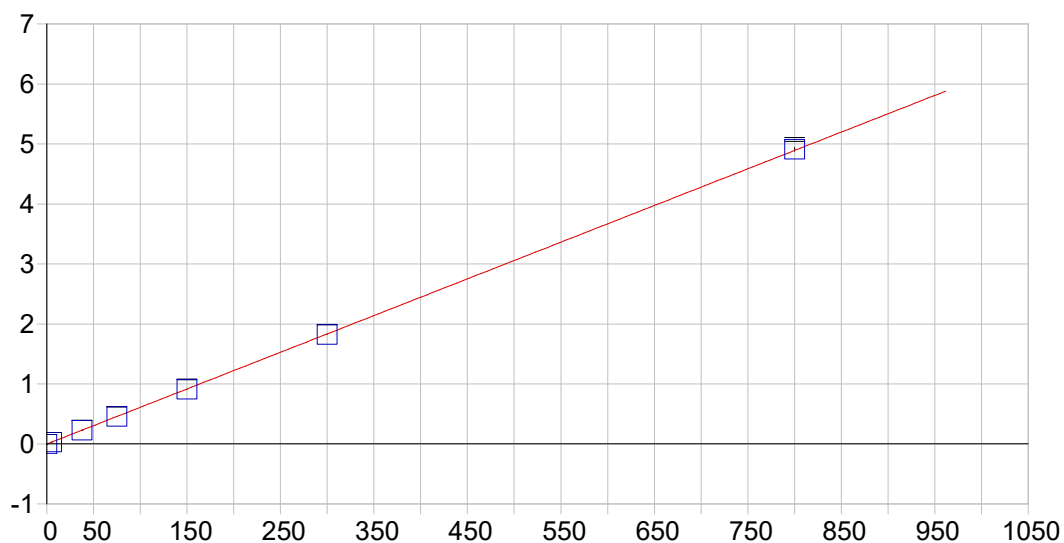


Ag 328.068 {103}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000884 Re-Slope: 1.000000
 A1 (Gain): 0.427613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.000479
 Predicted MQL: 0.001598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00088	.000	1
S1	.01000	.01077	.001	7.65	.00369	.000	1
S2	.31250	.30860	-.004	-1.25	.12966	.000	1
S3	.62500	.61657	-.008	-1.35	.25993	.001	1
S4	1.2500	1.2417	-.008	-.663	.52440	.001	1
S5	2.5000	2.5199	.020	.794	1.0653	.003	1

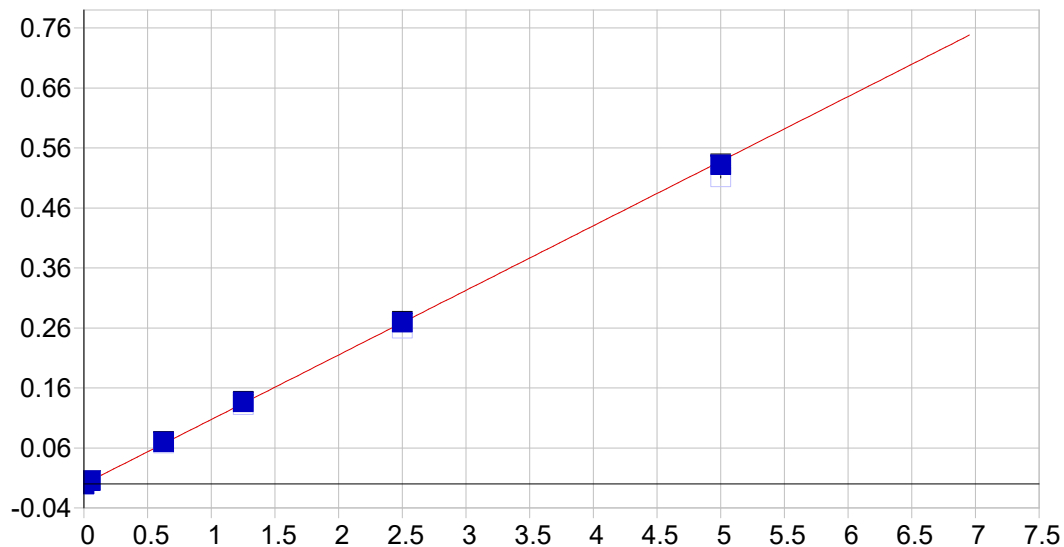


Na 818.326 { 41}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001386 Re-Slope: 1.000000
 A1 (Gain): 0.006116 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.287136
 Predicted MQL: 0.957121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00139	.001	1
S1	5.0000	5.1113	.111	2.23	.02987	.002	1
S2	37.500	37.334	-.166	-.443	.22694	.001	1
S3	75.000	74.688	-.312	-.416	.45540	.003	1
S4	150.00	149.29	-.711	-.474	.91164	.005	1
S5	300.00	298.30	-1.70	-.566	1.8230	.003	1
S6	800.00	802.78	2.78	.347	4.9083	.032	1

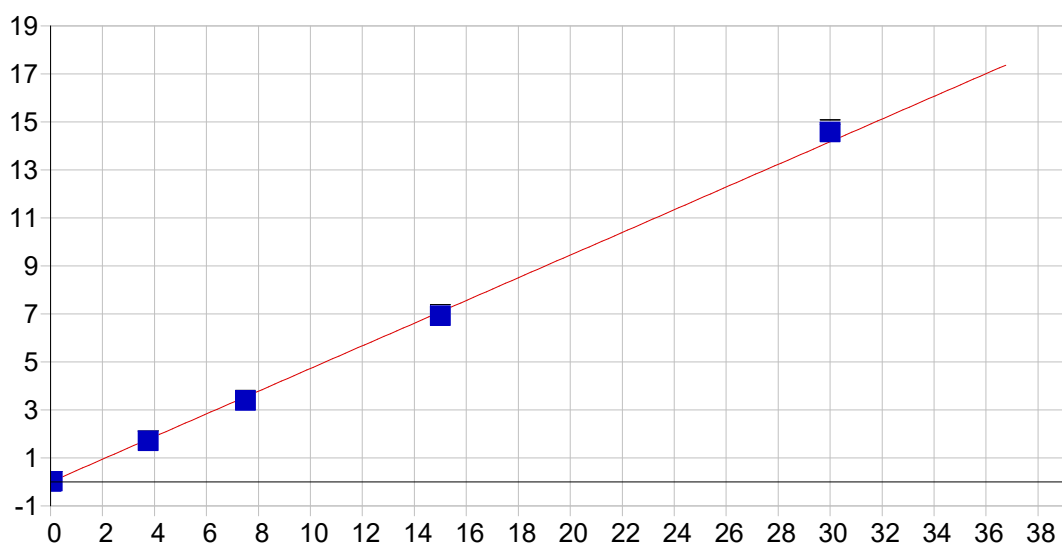


V 292.402 {115}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000292	Re-Slope:	1.000000
A1 (Gain):	0.107651	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.003657		
Predicted MQL:	0.012191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.000	1
S1	.05000	.05401	.004	8.02	.00551	.000	1
S2	.62500	.65421	.029	4.67	.06766	.000	1
S3	1.2500	1.2707	.021	1.65	.13155	.001	1
S4	2.5000	2.5053	.005	.210	.25950	.002	1
S5	5.0000	4.9407	-.059	-1.19	.51177	.002	1

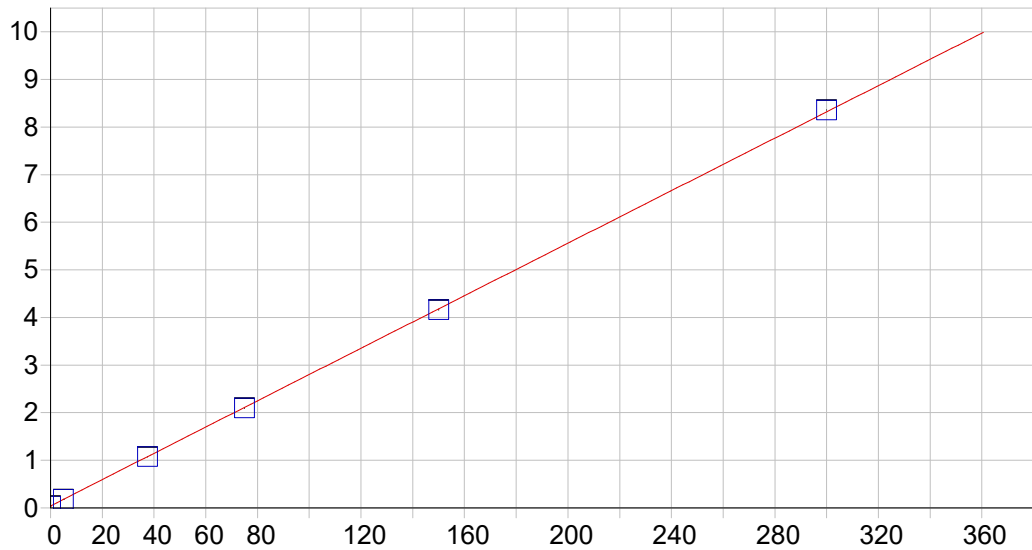


Zn 213.856 {158}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.472493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999533 Status: OK.
 Std Error of Est: 0.001029
 Predicted MDL: 0.002720
 Predicted MQL: 0.009068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00011	.001	1
S1	.06000	.05918	-.001	-1.37	.02793	.001	1
S2	3.7500	3.6216	-.128	-3.42	1.7125	.011	1
S3	7.5000	7.1554	-.345	-4.59	3.3835	.017	1
S4	15.000	14.633	-.367	-2.44	6.9196	.056	1
S5	30.000	30.840	.840	2.80	14.583	.096	1

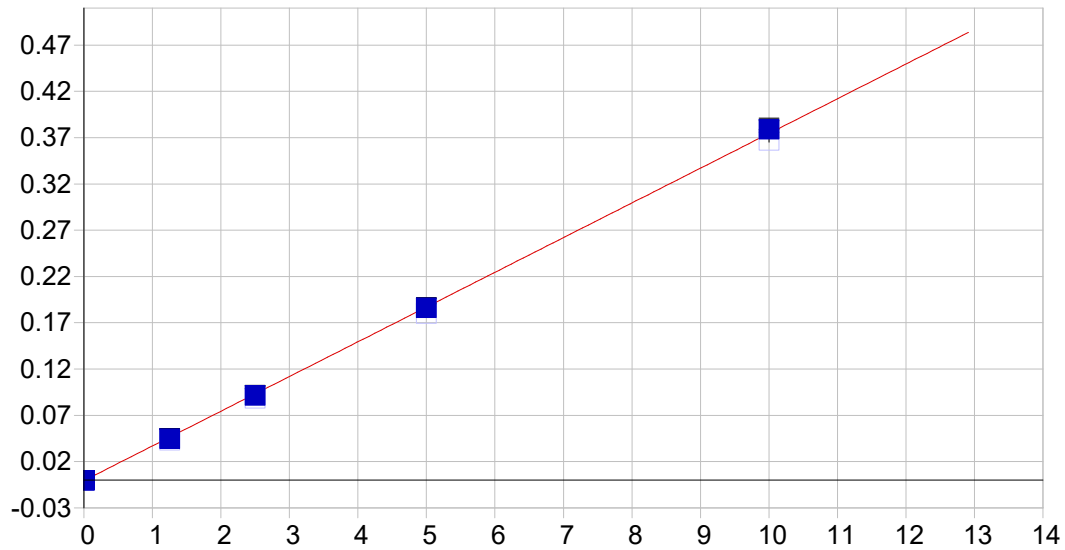


K 769.896 { 44 }

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.043596 Re-Slope: 1.000000
 A1 (Gain): 0.027585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.064443
 Predicted MQL: 0.214809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.04360	.001	1
S1	5.0000	5.0671	.067	1.34	.18337	.001	1
S2	37.500	37.301	-.199	-.530	1.0726	.006	1
S3	75.000	74.465	-.535	-.714	2.0977	.008	1
S4	150.00	149.24	-.763	-.508	4.1604	.006	1
S5	300.00	301.43	1.43	.477	8.3587	.004	1

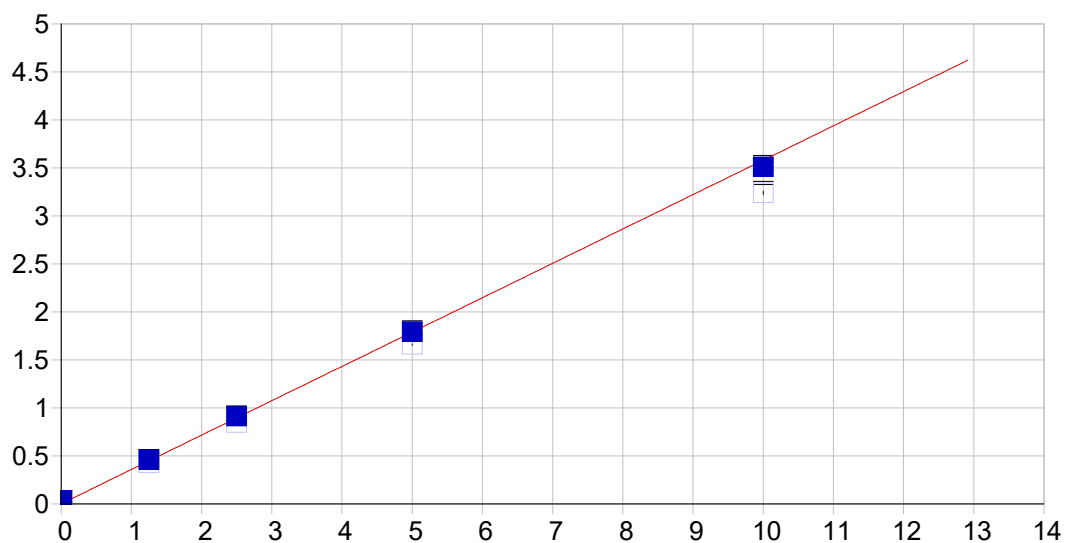


P 177.495 {490}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.037508 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.005437
 Predicted MQL: 0.018124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.01000	.00810	-.002	-19.0	-.00027	.000	1
S2	1.2500	1.2053	-.045	-3.57	.04309	.000	1
S3	2.5000	2.4500	-.050	-2.00	.08823	.000	1
S4	5.0000	4.9740	-.026	-.519	.17980	.000	1
S5	10.000	10.123	.123	1.23	.36670	.001	1

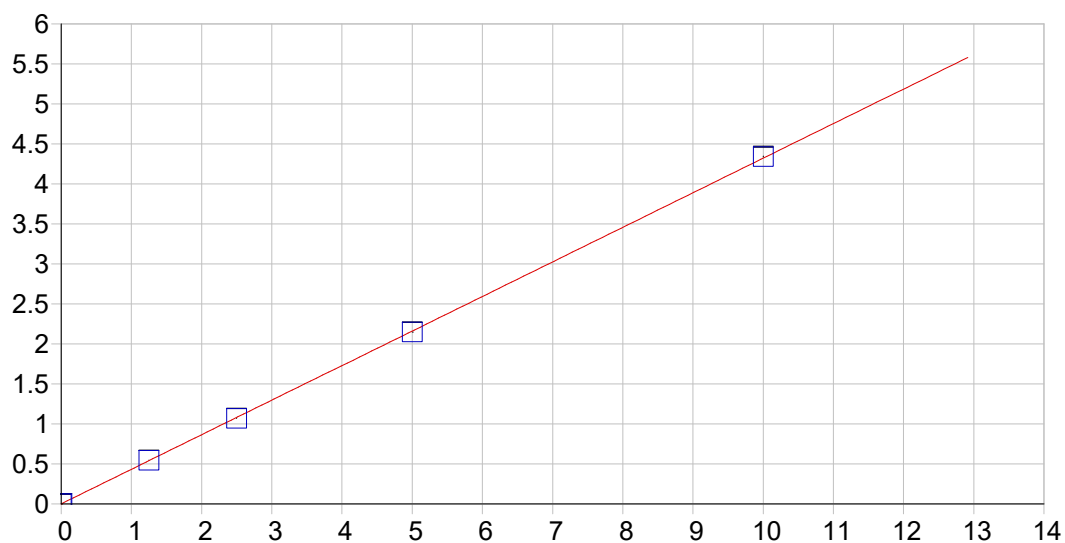


B 249.678 {135}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000844 Re-Slope: 1.000000
 A1 (Gain): 0.357868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.973298 Status: OK.
 Std Error of Est: 0.001308
 Predicted MDL: 0.001257
 Predicted MQL: 0.004190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00081	.000	1
S1	.01000	.10410	.094	941.	.03804	.000	1
S2	1.2500	1.2818	.032	2.54	.42575	.004	1
S3	2.5000	2.5485	.048	1.94	.84526	.003	1
S4	5.0000	5.0118	.012	.236	1.6592	.007	1
S5	10.000	9.8077	-.192	-1.92	3.2403	.017	1

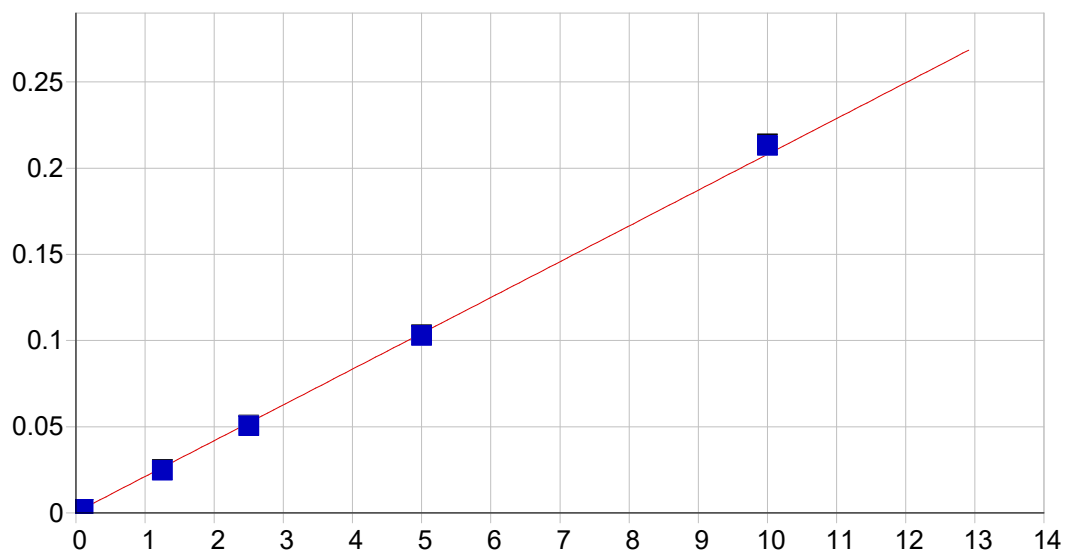


Mo 202.030 {467}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000612	Re-Slope:	1.000000
A1 (Gain):	0.432064	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.000696		
Predicted MQL:	0.002321		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00061	.000	1
S1	.01000	.01033	.000	3.33	.00508	.000	1
S2	1.2500	1.2597	.010	.775	.54488	.002	1
S3	2.5000	2.4726	-.027	-1.10	1.0689	.002	1
S4	5.0000	4.9714	-.029	-.571	2.1486	.001	1
S5	10.000	10.046	.046	.459	4.3411	.006	1

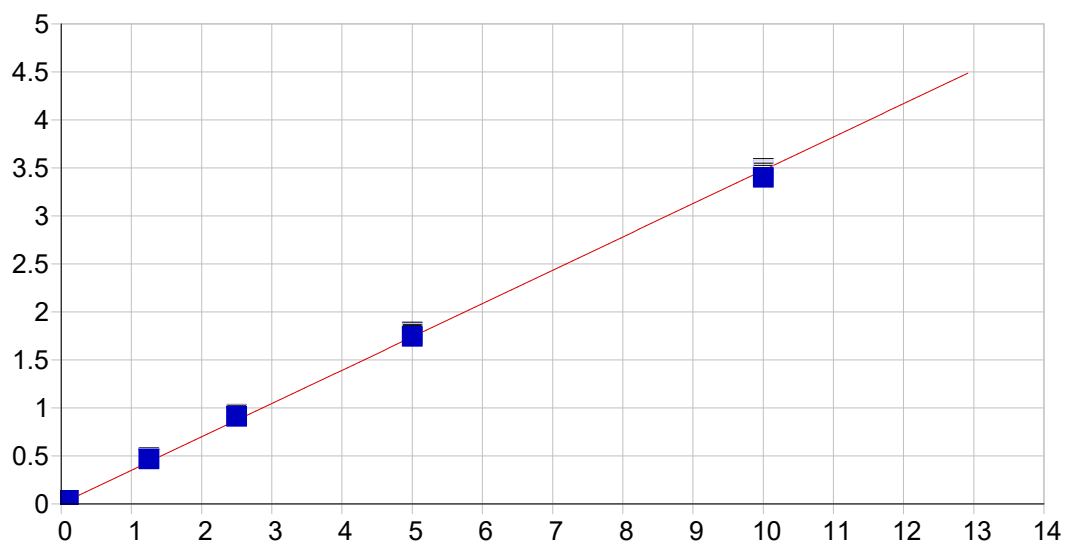


S 182.034 {485}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000378	Re-Slope:	1.000000
A1 (Gain):	0.020764	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999537	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.008974		
Predicted MQL:	0.029912		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00038	.000	1
S1	.10000	.08444	-.016	-15.6	.00213	.000	1
S2	1.2500	1.1698	-.080	-6.41	.02466	.000	1
S3	2.5000	2.4159	-.084	-3.36	.05053	.000	1
S4	5.0000	4.9319	-.068	-1.36	.10277	.000	1
S5	10.000	10.248	.248	2.48	.21314	.001	1

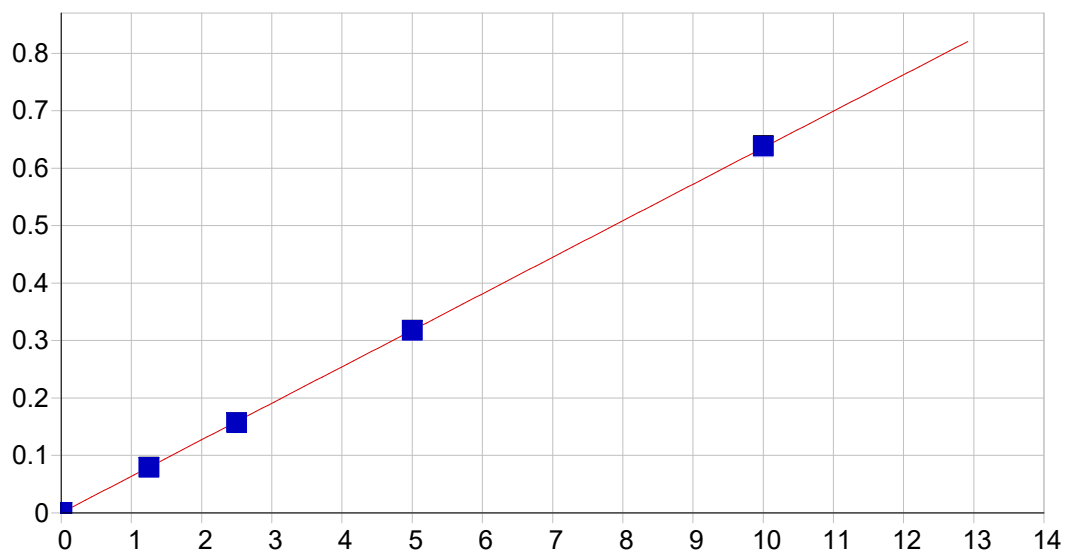


Si 251.611 {134}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004021 Re-Slope: 1.000000
 A1 (Gain): 0.347091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000523
 Predicted MDL: 0.001354
 Predicted MQL: 0.004515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00402	.000	1
S1	.10000	.10109	.001	1.09	.03949	.000	1
S2	1.2500	1.3321	.082	6.57	.47485	.004	1
S3	2.5000	2.6146	.115	4.58	.92843	.006	1
S4	5.0000	5.0134	.013	.269	1.7780	.013	1
S5	10.000	9.7888	-.211	-2.11	3.4693	.023	1

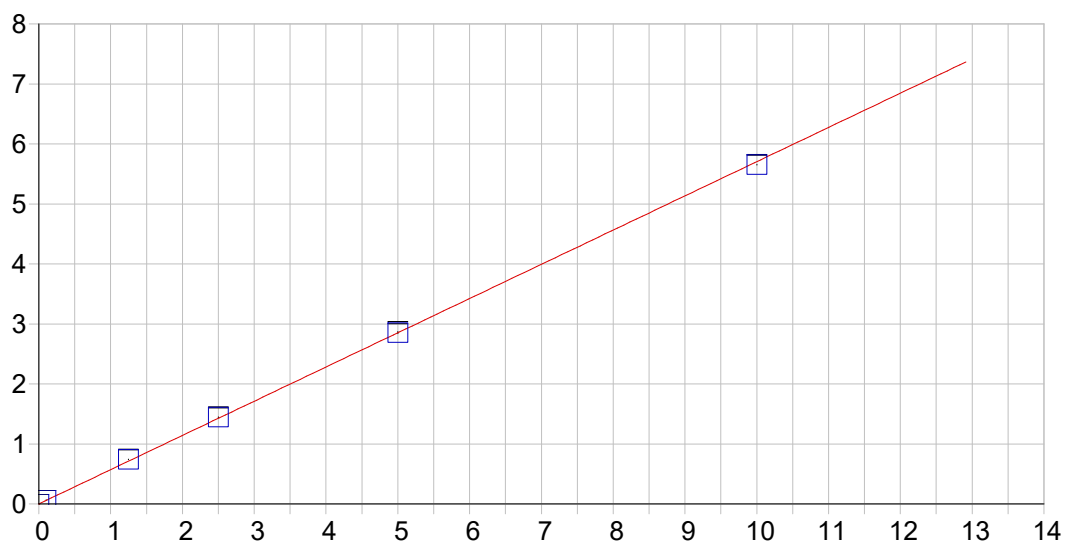


Sn 189.989 {478}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000175 Re-Slope: 1.000000
 A1 (Gain): 0.063536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002831
 Predicted MQL: 0.009435

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00587	-.001	-16.1	.00053	.000	1
S2	1.2500	1.2417	-.008	-.663	.07885	.000	1
S3	2.5000	2.4702	-.030	-1.19	.15669	.000	1
S4	5.0000	4.9972	-.003	-.057	.31681	.000	1
S5	10.000	10.042	.042	.420	.63648	.001	1

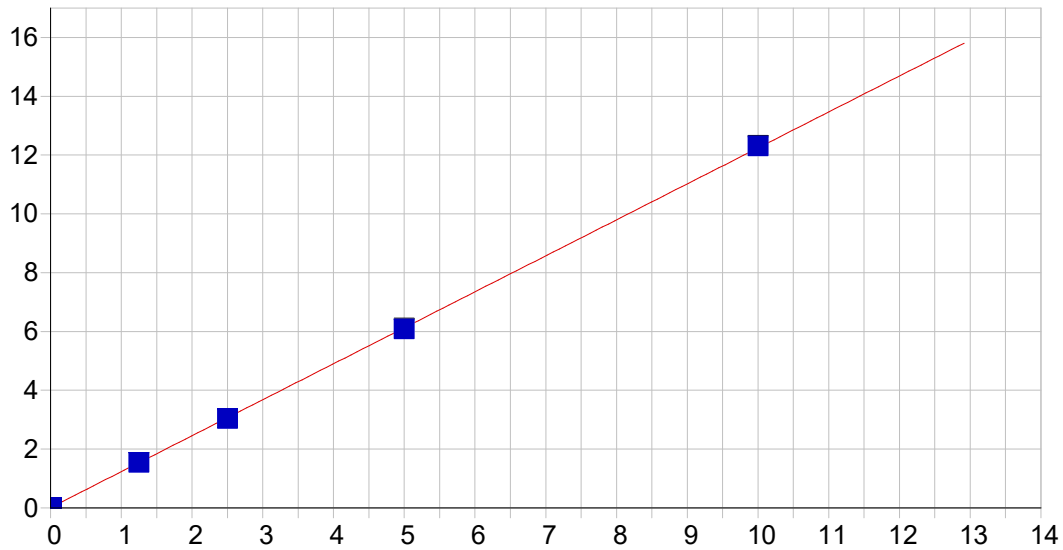


Ti 336.121 {100}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000259	Re-Slope:	1.000000
A1 (Gain):	0.570428	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000428		
Predicted MDL:	0.001202		
Predicted MQL:	0.004007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00025	.000	1
S1	.10000	.10778	.008	7.78	.06174	.000	1
S2	1.2500	1.2990	.049	3.92	.74127	.005	1
S3	2.5000	2.5311	.031	1.24	1.4441	.007	1
S4	5.0000	5.0032	.003	.063	2.8542	.019	1
S5	10.000	9.9089	-.091	-.911	5.6526	.005	1

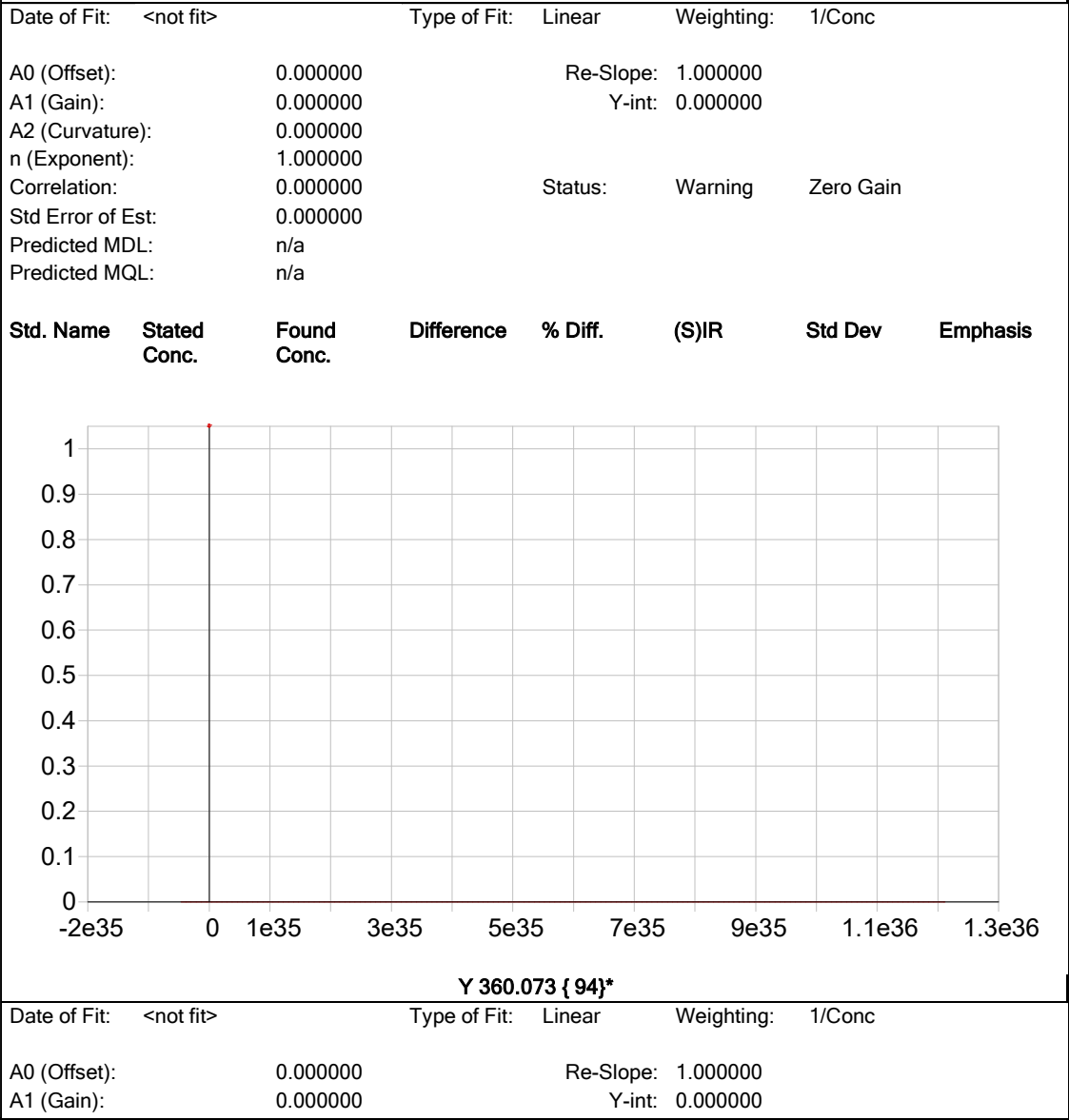
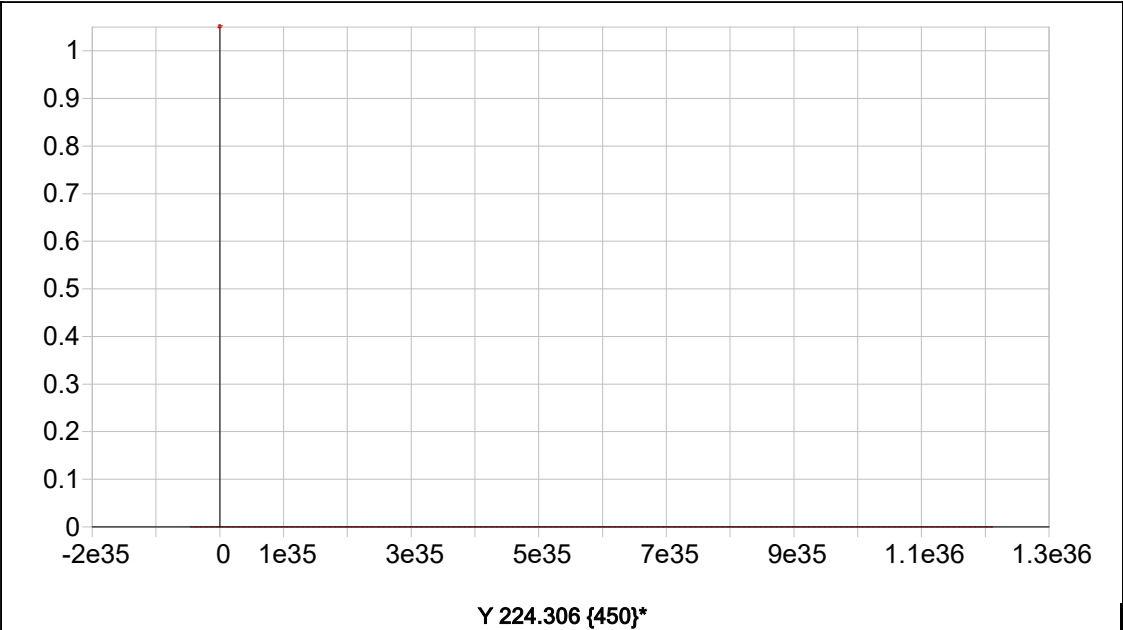


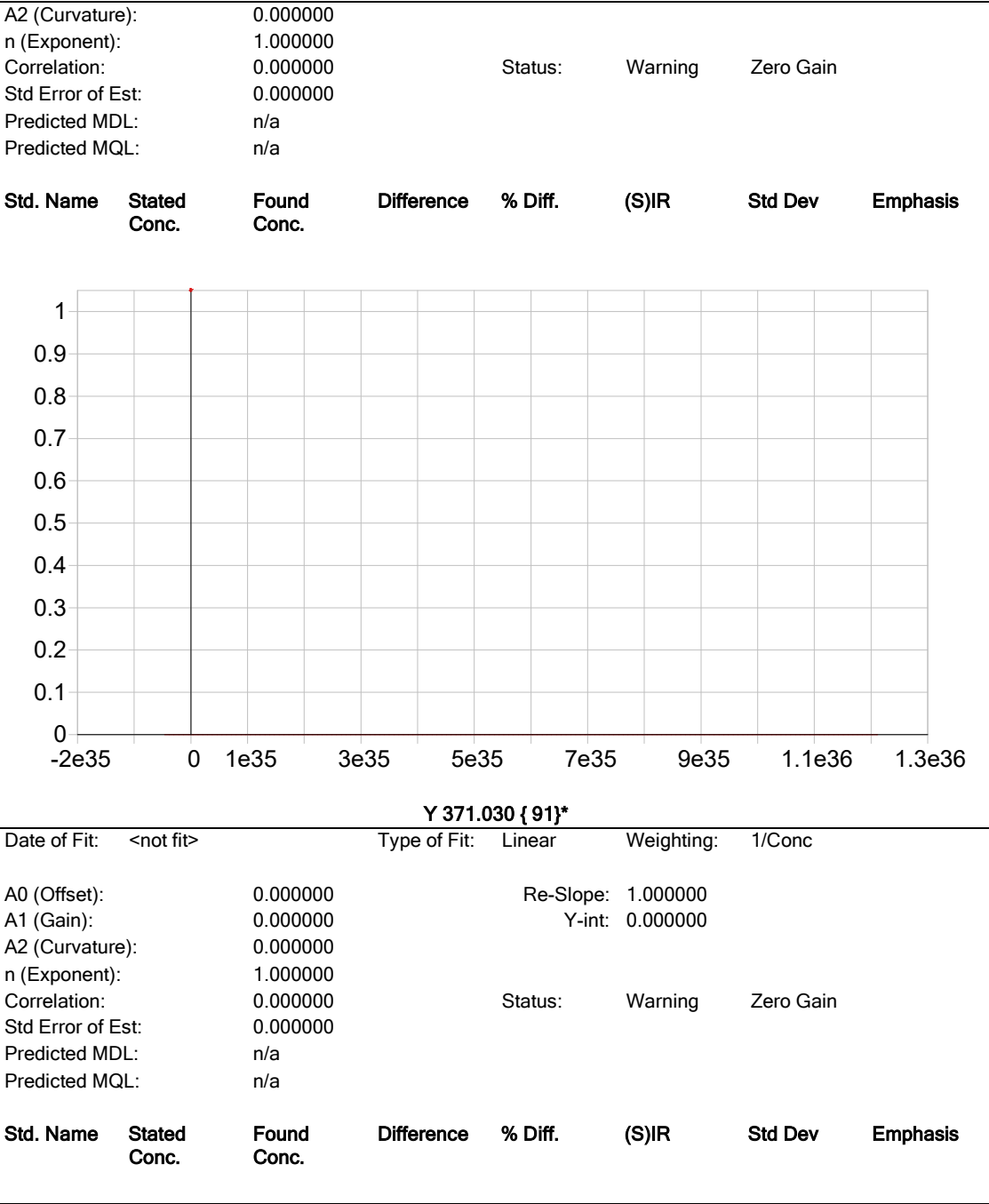
Li 670.784 { 50}

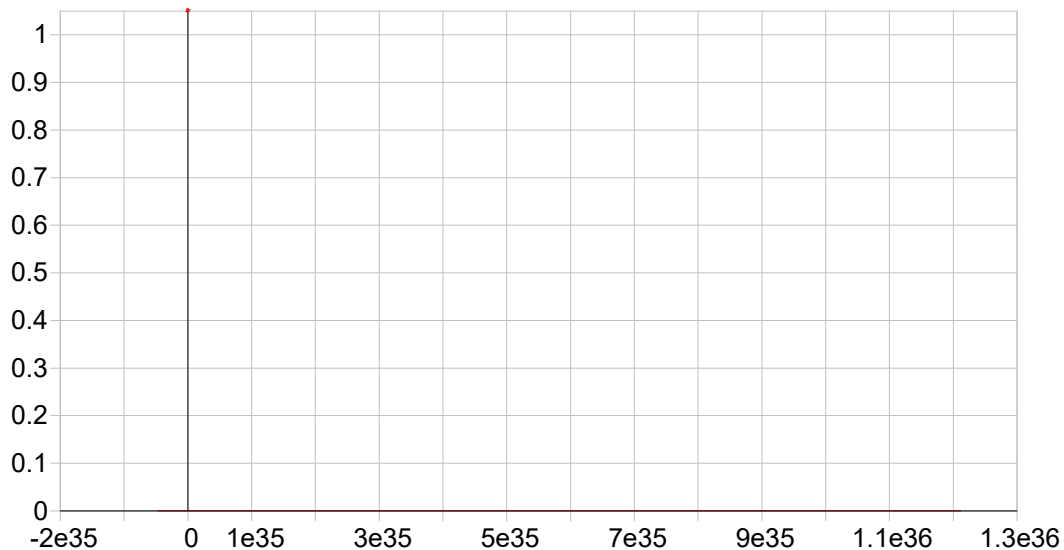
Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009474 Re-Slope: 1.000000
 A1 (Gain): 1.223383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.001480
 Predicted MQL: 0.004933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00947	.001	1
S5	10.000	10.053	.053	.533	12.295	.022	1
S4	5.0000	4.9688	-.031	-.623	6.0817	.025	1
S3	2.5000	2.4733	-.027	-1.07	3.0319	.001	1
S2	1.2500	1.2520	.002	.156	1.5394	.009	1
S1	.01500	.01767	.003	17.8	.03100	.000	1



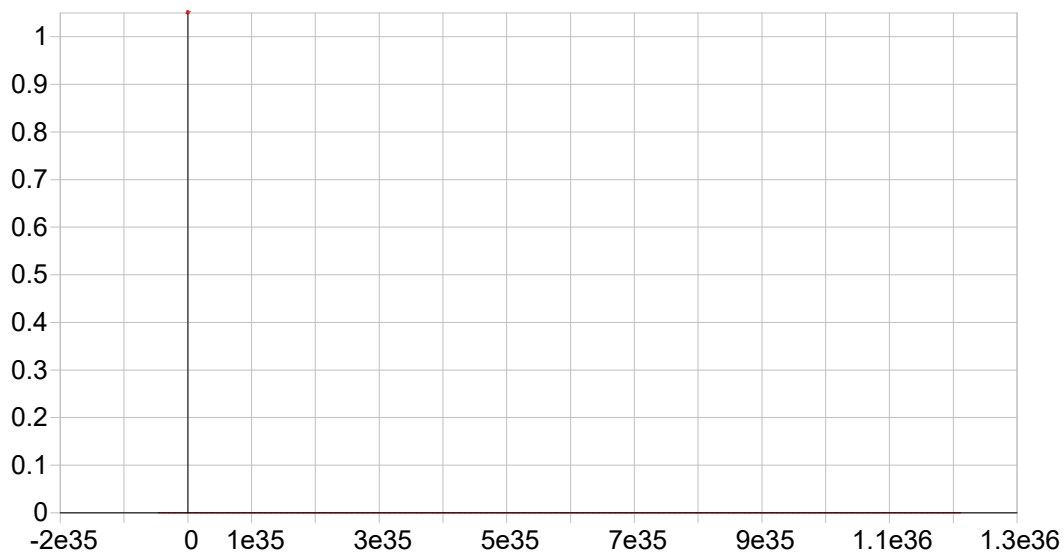




Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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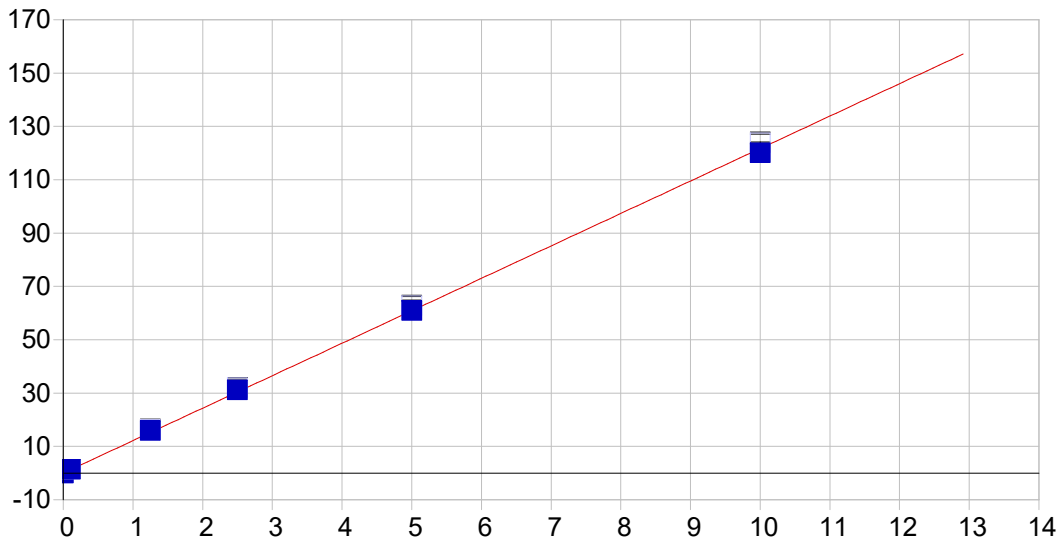
In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 10/12/2021 15:38:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000
 A1 (Gain): 12.169869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.012795
 Predicted MDL: 0.000083
 Predicted MQL: 0.000278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00017	.001	1
S1	.10000	.11284	.013	12.8	1.3746	.001	1
S2	1.2500	1.3080	.058	4.64	16.375	.102	1
S3	2.5000	2.5571	.057	2.29	32.033	.033	1
S4	5.0000	5.0035	.004	.071	62.718	.277	1
S5	10.000	9.8688	-.131	-1.31	123.75	.352	1

Sample Name: S0 Acquired: 10/12/2021 12:56:27 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00029	-.00090	.00061	.00071	.00038	.00292	-.00816	-.00231
Stddev	.00020	.00019	.00043	.00019	.00056	.00165	.00221	.00036
%RSD	67.473	20.700	71.060	27.222	145.31	56.461	27.097	15.487
#1	-.00050	-.00103	.00049	.00094	-.00019	.00444	-.01069	-.00204
#2	-.00010	-.00069	.00025	.00061	.00041	.00116	-.00660	-.00271
#3	-.00028	-.00098	.00108	.00060	.00093	.00317	-.00719	-.00217
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	.00041	.00131	-.00006	.00022	.00211	-.00006	.00031	-.00013
Stddev	.00025	.00019	.00006	.00027	.00051	.00036	.00040	.00006
%RSD	61.095	14.710	97.578	120.56	23.996	608.84	129.47	46.251
#1	.00067	.00151	-.00001	.00050	.00269	.00028	.00035	-.00006
#2	.00017	.00130	-.00005	-.00004	.00176	-.00002	-.00011	-.00017
#3	.00039	.00113	-.00012	.00021	.00188	-.00044	.00069	-.00017
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	-.00152	-.00088	-.00139	-.00029	-.00011	.04360	-.00056	.00081
Stddev	.00024	.00019	.00053	.00021	.00070	.00068	.00030	.00025
%RSD	16.097	21.557	38.244	73.197	625.21	1.5499	52.264	31.363
#1	-.00137	-.00098	-.00193	-.00007	.00017	.04293	-.00084	.00058
#2	-.00180	-.00066	-.00136	-.00050	-.00091	.04428	-.00025	.00108
#3	-.00138	-.00101	-.00087	-.00031	.00041	.04357	-.00060	.00077
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	.00061	.00038	.00402	.00018	.00025	.00947	-.00017	
Stddev	.00026	.00019	.00009	.00007	.00018	.00104	.00069	
%RSD	43.155	51.022	2.1192	37.240	73.238	10.935	396.41	
#1	.00088	.00020	.00411	.00019	.00026	.01059	.00055	
#2	.00035	.00058	.00394	.00011	.00043	.00855	-.00025	
#3	.00061	.00035	.00400	.00023	.00007	.00927	-.00083	

Sample Name: S0 Acquired: 10/12/2021 12:56:27 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.2	26075.	5369.8	741.26	1711.3
Stddev	1.8	89.	37.6	.99	5.7
%RSD	.13387	.34296	.69980	.13347	.33100
#1	1317.9	25978.	5376.4	742.07	1710.8
#2	1320.0	26155.	5403.7	741.55	1717.2
#3	1316.5	26091.	5329.4	740.16	1706.0

Sample Name: S1 Acquired: 10/12/2021 13:00:34 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) 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	.00048	.00310	.00276	.00912	.02297	.63595	.01439
Stddev	.00022	.00013	.00032	.00030	.00029	.00066	.00707	.00063
%RSD	107.36	27.852	10.238	10.857	3.2172	2.8689	1.1117	4.3527
#1	-.00032	.00055	.00302	.00259	.00946	.02369	.62783	.01495
#2	-.00034	.00056	.00345	.00259	.00897	.02282	.63928	.01450
#3	.00005	.00032	.00283	.00311	.00893	.02240	.64073	.01371
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	.01071	.35238	.00164	.04514	.00896	.00288	.01030	.04860
Stddev	.00004	.00275	.00007	.00025	.00048	.00015	.00011	.00065
%RSD	.38257	.77920	4.2928	.54536	5.4111	5.3627	1.0393	1.3367
#1	.01076	.34969	.00159	.04519	.00845	.00290	.01019	.04901
#2	.01068	.35227	.00172	.04535	.00941	.00303	.01030	.04785
#3	.01069	.35518	.00161	.04487	.00902	.00272	.01040	.04894
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	.02366	.00369	.02987	.00551	.02793	.18337	-.00027	.03804
Stddev	.00056	.00003	.00153	.00003	.00114	.00051	.00007	.00027
%RSD	2.3726	.72108	5.1266	.45841	4.0675	.27683	26.553	.70107
#1	.02338	.00366	.03129	.00551	.02737	.18389	-.00029	.03792
#2	.02329	.00371	.02825	.00548	.02719	.18336	-.00019	.03786
#3	.02431	.00370	.03009	.00553	.02924	.18288	-.00033	.03835
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	.00508	.00213	.03949	.00053	.06174	.03100	1.3746	
Stddev	.00033	.00013	.00026	.00017	.00026	.00003	.0006	
%RSD	6.5341	6.2541	.65966	31.187	.42617	.11000	.04690	
#1	.00534	.00223	.03940	.00072	.06147	.03104	1.3744	
#2	.00470	.00218	.03978	.00049	.06200	.03097	1.3752	
#3	.00519	.00198	.03928	.00039	.06175	.03099	1.3740	

Sample Name: S1 Acquired: 10/12/2021 13:00:34 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.9	26065.	5441.0	741.95	1731.6
Stddev	2.9	16.	38.3	4.56	1.7
%RSD	.22005	.06214	.70423	.61424	.10071
#1	1320.3	26075.	5405.1	747.09	1732.5
#2	1326.0	26046.	5436.6	738.39	1729.6
#3	1322.3	26073.	5481.3	740.38	1732.7

Sample Name: S2 Acquired: 10/12/2021 13:04:42 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) 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	.04411	.06760	1.3104	.07056	.18107	3.6344	8.1239	.39216
Stddev	.00052	.00054	.0034	.00030	.00028	.0166	.0192	.00181
%RSD	1.1862	.80107	.26285	.42610	.15531	.45744	.23584	.46049

#1	.04422	.06718	1.3134	.07036	.18079	3.6466	8.1125	.39332
#2	.04354	.06821	1.3067	.07041	.18135	3.6155	8.1132	.39008
#3	.04457	.06741	1.3112	.07090	.18106	3.6413	8.1460	.39308

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2237	4.1737	.57770	.54679	.98313	.96647	2.3504	.59711
Stddev	.0010	.0152	.00048	.00076	.00443	.01093	.0100	.00582
%RSD	.07768	.36439	.08375	.13931	.45049	1.1314	.42364	.97514

#1	1.2227	4.1616	.57736	.54752	.98613	.97770	2.3449	.60214
#2	1.2244	4.1687	.57749	.54600	.97804	.95586	2.3444	.59073
#3	1.2242	4.1908	.57826	.54684	.98521	.96585	2.3619	.59845

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	.38282	.12966	.22694	.06766	1.7125	1.0726	.04309	.42575
Stddev	.00134	.00020	.00084	.00025	.0114	.0062	.00038	.00411
%RSD	.35021	.15207	.37103	.36826	.66447	.57812	.87610	.96619

#1	.38277	.12946	.22781	.06781	1.7089	1.0794	.04345	.42940
#2	.38151	.12965	.22689	.06737	1.7033	1.0710	.04313	.42129
#3	.38419	.12985	.22613	.06780	1.7252	1.0673	.04270	.42657

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	.54488	.02466	.47485	.07885	.74127	1.5394	16.375
Stddev	.00177	.00039	.00378	.00039	.00524	.0089	.102
%RSD	.32549	1.5786	.79633	.49280	.70710	.57479	.62054

#1	.54502	.02504	.47852	.07916	.74468	1.5432	16.413
#2	.54304	.02426	.47097	.07898	.73523	1.5293	16.260
#3	.54658	.02470	.47505	.07842	.74389	1.5458	16.453

Sample Name: S2 Acquired: 10/12/2021 13:04:42 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.1	25899.	5417.5	722.92	1654.6
Stddev	1.9	82.	31.6	3.77	1.1
%RSD	.14804	.31712	.58331	.52097	.06934
#1	1279.0	25986.	5382.4	724.89	1653.3
#2	1282.3	25823.	5443.7	718.57	1655.0
#3	1279.1	25887.	5426.5	725.29	1655.4

Sample Name: S3 Acquired: 10/12/2021 13:08:36 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) 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	.08746	.13428	2.6135	.13605	.35327	7.1094	16.048	.77124
Stddev	.00056	.00064	.0066	.00058	.00113	.0334	.009	.00291
%RSD	.64304	.47798	.25106	.42393	.32047	.46992	.05719	.37682

#1	.08695	.13421	2.6100	.13658	.35365	7.0736	16.058	.76907
#2	.08806	.13368	2.6093	.13544	.35415	7.1149	16.040	.77011
#3	.08737	.13496	2.6210	.13613	.35199	7.1397	16.046	.77455

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	2.4131	8.1993	1.1161	1.0861	1.9433	1.8796	4.5762	1.1746
Stddev	.0022	.0178	.0030	.0015	.0012	.0098	.0065	.0106
%RSD	.09016	.21742	.26749	.14234	.05944	.51965	.14267	.90204

#1	2.4131	8.2192	1.1150	1.0845	1.9445	1.8686	4.5804	1.1633
#2	2.4110	8.1847	1.1139	1.0864	1.9431	1.8830	4.5687	1.1762
#3	2.4153	8.1941	1.1195	1.0875	1.9422	1.8872	4.5794	1.1843

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	.75809	.25993	.45540	.13155	3.3835	2.0977	.08823	.84526
Stddev	.00190	.00149	.00306	.00089	.0170	.0080	.00032	.00329
%RSD	.25096	.57443	.67146	.68021	.50320	.38303	.35795	.38926

#1	.75742	.25824	.45212	.13053	3.3681	2.0886	.08799	.84489
#2	.75662	.26107	.45818	.13192	3.4018	2.1009	.08811	.84216
#3	.76024	.26047	.45588	.13219	3.3807	2.1037	.08859	.84871

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	1.0689	.05053	.92843	.15669	1.4441	3.0319	32.033
Stddev	.0016	.00041	.00556	.00013	.0069	.0010	.033
%RSD	.15288	.80501	.59897	.08126	.47946	.03407	.10202

#1	1.0706	.05084	.92593	.15655	1.4371	3.0323	32.002
#2	1.0673	.05007	.92457	.15680	1.4442	3.0327	32.067
#3	1.0690	.05069	.93481	.15673	1.4509	3.0307	32.029

Sample Name: S3 Acquired: 10/12/2021 13:08:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1248.3	25625.	5357.3	699.50	1581.2
Stddev	2.5	83.	15.4	3.41	1.5
%RSD	.20365	.32475	.28704	.48769	.09310
#1	1246.0	25531.	5354.0	701.24	1579.5
#2	1247.8	25689.	5374.1	695.57	1582.1
#3	1251.0	25655.	5343.9	701.70	1582.0

Sample Name: S4 Acquired: 10/12/2021 13:12:29 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) 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	.17522	.26389	5.2266	.26269	.70945	14.284	32.182	1.4957
Stddev	.00014	.00079	.0041	.00079	.00080	.072	.107	.0112
%RSD	.08175	.29887	.07874	.30246	.11279	.50085	.33331	.74722

#1	.17518	.26469	5.2219	.26301	.71033	14.356	32.299	1.4829
#2	.17538	.26388	5.2286	.26327	.70878	14.213	32.088	1.5009
#3	.17510	.26311	5.2294	.26178	.70922	14.283	32.158	1.5033

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	4.7780	16.383	2.1790	2.1794	3.8563	3.6721	8.9910	2.3535
Stddev	.0101	.042	.0030	.0043	.0106	.0114	.0087	.0099
%RSD	.21058	.25429	.13720	.19647	.27426	.31135	.09668	.42244

#1	4.7671	16.412	2.1812	2.1750	3.8683	3.6853	8.9889	2.3613
#2	4.7800	16.335	2.1756	2.1795	3.8521	3.6645	8.9835	2.3423
#3	4.7869	16.401	2.1803	2.1836	3.8485	3.6665	9.0005	2.3569

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	1.5163	.52440	.91164	.25950	6.9196	4.1604	.17980	1.6592
Stddev	.0011	.00124	.00517	.00158	.0558	.0056	.00042	.0074
%RSD	.07530	.23685	.56725	.60873	.80710	.13511	.23310	.44761

#1	1.5151	.52540	.91749	.26129	6.9691	4.1629	.17958	1.6511
#2	1.5172	.52301	.90767	.25891	6.9307	4.1539	.18028	1.6608
#3	1.5168	.52479	.90977	.25830	6.8590	4.1643	.17953	1.6657

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	2.1486	.10277	1.7780	.31681	2.8542	6.0817	62.718
Stddev	.0011	.00049	.0133	.00049	.0194	.0249	.277
%RSD	.05086	.47343	.74720	.15532	.67971	.41012	.44238

#1	2.1475	.10298	1.7643	.31625	2.8764	6.1085	62.647
#2	2.1497	.10312	1.7787	.31703	2.8403	6.0593	62.483
#3	2.1486	.10221	1.7909	.31716	2.8459	6.0772	63.024

Sample Name: S4 Acquired: 10/12/2021 13:12:29 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.2	24969.	5311.1	663.48	1484.1
Stddev	2.1	75.	26.4	2.22	1.9
%RSD	.18107	.30122	.49657	.33394	.13060
#1	1184.3	24888.	5340.4	664.18	1483.0
#2	1183.6	24983.	5303.5	661.00	1482.9
#3	1187.6	25037.	5289.3	665.26	1486.3

Sample Name: S5 Acquired: 10/12/2021 13:16:30 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) 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	.35788	.51421	10.478	.50723	1.4494	28.907	62.966	2.9096
Stddev	.00135	.00310	.024	.00231	.0038	.034	.499	.0141
%RSD	.37841	.60299	.22994	.45489	.26081	.11917	.79321	.48397

#1	.35809	.51376	10.469	.50495	1.4485	28.942	63.436	2.9258
#2	.35643	.51135	10.459	.50719	1.4461	28.908	62.442	2.9006
#3	.35911	.51751	10.505	.50956	1.4535	28.873	63.020	2.9024

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	9.4175	32.509	4.2217	4.3545	7.6822	7.2034	17.648	4.7487
Stddev	.0144	.146	.0089	.0086	.0120	.0258	.077	.0151
%RSD	.15348	.44827	.21159	.19700	.15570	.35779	.43707	.31825

#1	9.4058	32.341	4.2223	4.3561	7.6684	7.2325	17.559	4.7660
#2	9.4131	32.577	4.2304	4.3453	7.6888	7.1835	17.701	4.7378
#3	9.4337	32.607	4.2125	4.3622	7.6894	7.1943	17.683	4.7424

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0126	1.0653	1.8230	.51177	14.583	8.3587	.36670	3.2403
Stddev	.0029	.0033	.0025	.00180	.096	.0040	.00141	.0172
%RSD	.09544	.30927	.13849	.35074	.65633	.04748	.38326	.53161

#1	3.0106	1.0646	1.8257	.51356	14.545	8.3632	.36551	3.2598
#2	3.0113	1.0688	1.8207	.51179	14.512	8.3559	.36634	3.2337
#3	3.0159	1.0624	1.8226	.50997	14.692	8.3569	.36825	3.2273

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	4.3411	.21314	3.4693	.63648	5.6526	12.295	123.75
Stddev	.0058	.00082	.0232	.00114	.0053	.022	.35
%RSD	.13287	.38590	.66993	.17854	.09371	.17967	.28484

#1	4.3439	.21223	3.4941	.63593	5.6529	12.273	123.72
#2	4.3345	.21337	3.4658	.63572	5.6577	12.295	123.42
#3	4.3449	.21382	3.4480	.63778	5.6471	12.318	124.12

Sample Name: S5 Acquired: 10/12/2021 13:16:30 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1101.1	24380.	5260.5	608.14	1376.4
Stddev	2.6	109.	16.5	4.76	2.6
%RSD	.23160	.44837	.31408	.78266	.19003
#1	1099.0	24470.	5247.2	607.87	1375.7
#2	1103.9	24412.	5279.0	613.02	1379.3
#3	1100.3	24258.	5255.2	603.52	1374.2

Sample Name: S6 Acquired: 10/12/2021 13:20:37 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) 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	74.741	51.254	19.030	7.6808	4.9083
Stddev	.775	.022	.119	.0549	.0323
%RSD	1.0363	.04258	.62370	.71466	.65752

#1	73.877	51.241	18.956	7.6438	4.8823
#2	74.972	51.280	18.967	7.6546	4.8981
#3	75.374	51.243	19.167	7.7438	4.9444

Int. Std.	Y_3710
Units	Cts/S
Avg	5136.4
Stddev	12.3
%RSD	.23954

#1	5131.1
#2	5150.5
#3	5127.6

Sample Name: ICV001 Acquired: 10/12/2021 13:25:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009383	1.049594	.9831176	1.088335	.9803622	2.496516
Stddev	.004006	.006083	.0041123	.009635	.0056781	.013559
%RSD	.3968717	.5795513	.4182876	.8852874	.5791821	.5431146

#1	1.011464	1.042574	.9787294	1.082856	.9866081	2.501825
#2	1.004765	1.053300	.9837406	1.099460	.9789660	2.481106
#3	1.011921	1.052908	.9868828	1.082688	.9755125	2.506618

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202199	.5439800	.5239189	10.11238	.5546442	.5058155
Stddev	.0008137	.0017166	.0006073	.01676	.0017532	.0021306
%RSD	.1564075	.3155602	.1159176	.1657499	.3161025	.4212224

#1	.5193926	.5420853	.5232325	10.09397	.5559613	.5036726
#2	.5202479	.5444230	.5241377	10.11641	.5526542	.5058404
#3	.5210192	.5454316	.5243865	10.12676	.5553170	.5079336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134990	10.60159	.5201351	5.585812	.5214991	.2393626
Stddev	.0015239	.01671	.0013760	.063721	.0005673	.0009982
%RSD	.2967629	.1576647	.2645397	1.140774	.1087908	.4170429

#1	.5148727	10.61928	.5216210	5.538699	.5219889	.2400581
#2	.5137644	10.58606	.5198794	5.560423	.5208774	.2382188
#3	.5118599	10.59943	.5189050	5.658314	.5216308	.2398109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.818890	.5339774	.9197487	9.350215	F .0060166	F .0141568
Stddev	.118339	.0052181	.0077802	.061336	.0001872	.0006883
%RSD	1.205215	.9772182	.8459108	.6559832	3.111778	4.861877

#1	9.687774	.5319367	.9286815	9.308798	.0061001	.0142325
#2	9.851125	.5300881	.9161105	9.420678	.0061475	.0134338
#3	9.917771	.5399075	.9144541	9.321168	.0058021	.0148042

Sample Name: ICV001 Acquired: 10/12/2021 13:25:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000014	F .0006582	F .0107914	F .0037337	F -.000723	F .0034381
Stddev	.000790	.0064191	.0006869	.0014329	.000713	.0011505
%RSD	5802.371	975.2460	6.365196	38.37635	98.64864	33.46295
#1	-.000219	.0075713	.0115496	.0020821	-.000735	.0022858
#2	-.000680	-.005114	.0106139	.0044747	-.001431	.0034418
#3	.000859	-.000483	.0102106	.0046443	-.000004	.0045867

Elem	Sr4077
Units	ppm
Avg	F -.009351
Stddev	.000008
%RSD	.0901072
#1	-.009359
#2	-.009342
#3	-.009353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.180	26498.32	5436.107	754.5306	1742.945
Stddev	4.994	93.78	9.909	7.7815	1.792
%RSD	.3754744	.3539096	.1822813	1.031302	.1028320
#1	1324.474	26394.57	5446.733	753.7493	1741.288
#2	1332.310	26523.30	5427.119	747.1692	1744.847
#3	1333.757	26577.08	5434.468	762.6732	1742.701

Sample Name: ICV001 Acquired: 10/12/2021 13:25:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009383	1.049594	.9831176	1.088335	.9803622	2.496516
Stddev	.004006	.006083	.0041123	.009635	.0056781	.013559
%RSD	.3968717	.5795513	.4182876	.8852874	.5791821	.5431146

#1	1.011464	1.042574	.9787294	1.082856	.9866081	2.501825
#2	1.004765	1.053300	.9837406	1.099460	.9789660	2.481106
#3	1.011921	1.052908	.9868828	1.082688	.9755125	2.506618

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202199	.5439800	.5239189	10.11238	.5546442	.5058155
Stddev	.0008137	.0017166	.0006073	.01676	.0017532	.0021306
%RSD	.1564075	.3155602	.1159176	.1657499	.3161025	.4212224

#1	.5193926	.5420853	.5232325	10.09397	.5559613	.5036726
#2	.5202479	.5444230	.5241377	10.11641	.5526542	.5058404
#3	.5210192	.5454316	.5243865	10.12676	.5553170	.5079336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134990	10.60159	.5201351	5.585812	.5214991	.2393626
Stddev	.0015239	.01671	.0013760	.063721	.0005673	.0009982
%RSD	.2967629	.1576647	.2645397	1.140774	.1087908	.4170429

#1	.5148727	10.61928	.5216210	5.538699	.5219889	.2400581
#2	.5137644	10.58606	.5198794	5.560423	.5208774	.2382188
#3	.5118599	10.59943	.5189050	5.658314	.5216308	.2398109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.818890	.5339774	.9197487	9.350215	F .0060166	F .0141568
Stddev	.118339	.0052181	.0077802	.061336	.0001872	.0006883
%RSD	1.205215	.9772182	.8459108	.6559832	3.111778	4.861877

#1	9.687774	.5319367	.9286815	9.308798	.0061001	.0142325
#2	9.851125	.5300881	.9161105	9.420678	.0061475	.0134338
#3	9.917771	.5399075	.9144541	9.321168	.0058021	.0148042

Sample Name: ICV001 Acquired: 10/12/2021 13:25:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000014	F .0006582	F .0107914	F .0037337	F -.000723	F .0034381
Stddev	.000790	.0064191	.0006869	.0014329	.000713	.0011505
%RSD	5802.371	975.2460	6.365196	38.37635	98.64864	33.46295
#1	-.000219	.0075713	.0115496	.0020821	-.000735	.0022858
#2	-.000680	-.005114	.0106139	.0044747	-.001431	.0034418
#3	.000859	-.000483	.0102106	.0046443	-.000004	.0045867

Elem	Sr4077
Units	ppm
Avg	F -.009351
Stddev	.000008
%RSD	.0901072
#1	-.009359
#2	-.009342
#3	-.009353

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.180	26498.32	5436.107	754.5306	1742.945
Stddev	4.994	93.78	9.909	7.7815	1.792
%RSD	.3754744	.3539096	.1822813	1.031302	.1028320
#1	1324.474	26394.57	5446.733	753.7493	1741.288
#2	1332.310	26523.30	5427.119	747.1692	1744.847
#3	1333.757	26577.08	5434.468	762.6732	1742.701

Sample Name: ICB001 Acquired: 10/12/2021 13:29:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007255	.0040486	.0039079	.0007233	.0003119	-.003944	.0014145
Stddev	.003390	.0014786	.0013655	.0013737	.0022256	.012796	.0007399
%RSD	46.72072	36.52133	34.94100	189.9301	713.5572	324.4533	52.30613

#1	-.011040	.0023481	.0048280	.0001845	.0024531	.004874	.0006580
#2	-.004501	.0047666	.0023390	-.000299	-.001989	.001915	.0014489
#3	-.006224	.0050310	.0045568	.002285	.000472	-.018621	.0021365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000017	.0141815	.0003353	.0003023	-.001080	.0026044
Stddev	.000044	.0001559	.0048827	.0001450	.0004117	.002893	.0091784
%RSD	180.2202	9196.622	34.43019	43.24472	136.1681	267.8423	352.4138

#1	-.000010	-.000058	.0103360	.0004944	.0003997	.002205	-.001150
#2	-.000074	.000179	.0196750	.0002107	-.000149	-.003249	.013065
#3	.000010	-.000116	.0125335	.0003007	.000657	-.002196	-.004102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	-.038058	-.000100	.0007807	-.084799	-.000843	.0019845
Stddev	.000436	.005335	.000418	.0002451	.096198	.002395	.0018730
%RSD	2632.350	14.01815	419.4218	31.39649	113.4430	284.1726	94.38091

#1	.000473	-.039261	-.000202	.0010622	-.047970	-.003604	.0021599
#2	-.000362	-.042689	-.000457	.0006665	-.193970	.000405	.0037636
#3	-.000161	-.032225	.000360	.0006136	-.012456	.000671	.0000300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095062	-.003789	.0092605	-.000286	-.010062	.0014641	-.000065
Stddev	.019046	.003386	.0007637	.000654	.010901	.0016088	.000697
%RSD	20.03521	89.34962	8.247372	228.8769	108.3436	109.8803	1073.297

#1	-.116047	-.001015	.0100782	-.000031	-.021706	-.000298	-.000419
#2	-.090268	-.007562	.0091375	-.001029	-.000099	.002855	.000738
#3	-.078871	-.002791	.0085657	.000203	-.008379	.001835	-.000514

Sample Name: ICB001 Acquired: 10/12/2021 13:29:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008907	.0012616	-.000080
Stddev	.0006929	.0016828	.000066
%RSD	77.78821	133.3823	82.38606

#1	.0001174	.0023740	-.000009
#2	.0010998	-.000674	-.000093
#3	.0014549	.002085	-.000139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1324.936	26229.55	5374.307	749.7242	1723.728
Stddev	3.173	93.78	18.784	3.6213	3.843
%RSD	.2394715	.3575352	.3495219	.4830212	.2229400

#1	1321.280	26143.66	5368.808	745.5431	1720.153
#2	1326.565	26215.39	5358.885	751.8672	1727.792
#3	1326.964	26329.61	5395.227	751.7623	1723.240

Sample Name: ICSA001 Acquired: 10/12/2021 13:33:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008622	-.004564	.0072122	.0116577	.0052824	262.1873
Stddev	.008593	.002135	.0019502	.0077592	.0027297	.5421
%RSD	99.65851	46.77015	27.04075	66.55817	51.67452	.2067430

#1	-.011690	-.004830	.0081907	.0191379	.0083323	262.4091
#2	.001084	-.002309	.0049664	.0121884	.0030686	262.5833
#3	-.015259	-.006554	.0084795	.0036468	.0044463	261.5695

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063604	.0013967	.0015715	258.1639	.0592079	-.001347
Stddev	.0013164	.0000914	.0002189	.5622	.0005261	.000057
%RSD	20.69667	6.544401	13.93084	.2177733	.8885907	4.245989

#1	.0070566	.0013967	.0017187	257.9104	.0589929	-.001410
#2	.0071824	.0014881	.0016760	258.8082	.0588233	-.001297
#3	.0048421	.0013053	.0013199	257.7731	.0598074	-.001336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060417	106.5326	.0149956	256.7139	-.001197	.0033659
Stddev	.0021078	.2504	.0005918	.4860	.000444	.0001647
%RSD	34.88732	.2350339	3.946418	.1893126	37.05551	4.892627

#1	.0058323	106.7580	.0156790	257.2228	-.000942	.0031757
#2	.0082464	106.5766	.0146507	256.6641	-.001709	.0034606
#3	.0040465	106.2631	.0146573	256.2546	-.000940	.0034614

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4418096	.0009988	.0124018	-.271365	.0030680	F .0128182
Stddev	.2048634	.0015484	.0023725	.049841	.0010853	.0007385
%RSD	46.36915	155.0327	19.13014	18.36695	35.37348	5.761213

#1	.2274026	-.000646	.0135174	-.317169	.0039903	.0125646
#2	.6355650	.002428	.0096772	-.278640	.0018721	.0136501
#3	.4624612	.001215	.0140109	-.218285	.0033415	.0122399

Sample Name: ICSA001 Acquired: 10/12/2021 13:33:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001167	.0004595	.0004111	F .0082580	-.000239	.0082434
Stddev	.000237	.0049894	.0021279	.0045291	.000077	.0019134
%RSD	20.34626	1085.898	517.6468	54.84488	32.09972	23.21150

#1	-.001087	.0010864	.0009882	.0084191	-.000315	.0060652
#2	-.000980	.0051057	-.001946	.0036505	-.000240	.0090121
#3	-.001434	-.004814	.002191	.0127043	-.000161	.0096530

Elem	Sr4077
Units	ppm
Avg	.0043800
Stddev	.0002843
%RSD	6.489645

#1	.0045383
#2	.0040519
#3	.0045499

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1244.043	25094.36	5343.575	706.8283	1548.450
Stddev	2.198	109.98	21.031	1.5921	4.803
%RSD	.1766435	.4382825	.3935793	.2252443	.3101779

#1	1245.323	24968.65	5334.587	705.1722	1553.322
#2	1245.299	25172.83	5328.530	706.9652	1548.307
#3	1241.505	25141.61	5367.606	708.3475	1543.720

Sample Name: ICSAB001 Acquired: 10/12/2021 13:37:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0974091	.1026450	.0578893	.0770042	.6201758	263.2951	.5413245
Stddev	.0047869	.0013605	.0004990	.0012007	.0063508	.2856	.0017740
%RSD	4.914231	1.325483	.8620526	1.559240	1.024040	.1084873	.3277195

#1	.1029336	.1037488	.0573207	.0757533	.6227546	263.0817	.5433677
#2	.0948024	.1011250	.0582545	.0771119	.6129412	263.6196	.5401757
#3	.0944912	.1030613	.0580927	.0781475	.6248317	263.1840	.5404301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5463690	1.058025	259.2406	.6110203	.5220501	.5227584	106.7513
Stddev	.0082019	.001548	.8381	.0012896	.0008791	.0023934	.2683
%RSD	1.501161	.1462962	.3232882	.2110550	.1683949	.4578331	.2513743

#1	.5421355	1.057736	259.9927	.6104058	.5224419	.5216746	106.4415
#2	.5411489	1.056641	258.3371	.6101528	.5210433	.5210987	106.8989
#3	.5558225	1.059696	259.3919	.6125022	.5226652	.5255020	106.9134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5346668	257.7230	1.056101	.2135852	.3475489	.5379969	.9812633
Stddev	.0023213	1.4128	.001785	.0005166	.0887784	.0044572	.0177946
%RSD	.4341594	.5481854	.1690238	.2418631	25.54416	.8284816	1.813434

#1	.5369622	256.0966	1.057170	.2137275	.2711911	.5379178	.9689743
#2	.5323205	258.6461	1.054040	.2140157	.3264933	.5424931	1.001669
#3	.5347176	258.4263	1.057092	.2130124	.4449623	.5335798	.973147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.416626	.0063804	.0089037	.0005257	-.013896	.0032582	.0055918
Stddev	.043666	.0073510	.0053494	.0008449	.011586	.0011415	.0036379
%RSD	10.48094	115.2127	60.08056	160.7341	83.37747	35.03383	65.05709

#1	-.407853	-.000330	.0116122	-.000244	-.021006	.0045437	.0096798
#2	-.464012	.014237	.0123571	.000391	-.020154	.0023632	.0027108
#3	-.378012	.005235	.0027417	.001430	-.000526	.0028677	.0043849

Sample Name: ICSAB001 Acquired: 10/12/2021 13:37:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002219	.0050260	.0049644
Stddev	.000049	.0001061	.0003111
%RSD	2.209539	2.111722	6.267354

#1	-.002200	.0050155	.0053222
#2	-.002274	.0051370	.0047569
#3	-.002182	.0049254	.0048143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.841	25062.57	5321.281	702.4799	1550.256
Stddev	1.907	127.09	29.592	4.7926	3.973
%RSD	.1536481	.5070758	.5561061	.6822378	.2562510

#1	1241.460	25124.32	5344.758	703.2896	1548.235
#2	1242.360	24916.40	5331.044	697.3340	1554.833
#3	1238.701	25146.97	5288.041	706.8160	1547.700

Sample Name: CCV050 Acquired: 10/12/2021 13:41:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.868966	4.897848	24.86478	4.842506	4.905889	412.5347	10.19209
Stddev	.015697	.005952	.07418	.005219	.018044	1.6580	.02462
%RSD	.3223899	.1215301	.2983455	.1077743	.3677929	.4019160	.2415324

#1	4.864845	4.904706	24.80461	4.842011	4.915637	413.9817	10.20589
#2	4.886312	4.894823	24.84207	4.837552	4.885068	410.7255	10.16367
#3	4.855740	4.894016	24.94767	4.847955	4.916961	412.8969	10.20671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5074111	2.501324	409.1649	15.41731	2.505773	15.15926	415.0771
Stddev	.0009725	.004965	1.0618	.03619	.007320	.06950	1.4818
%RSD	.1916645	.1985003	.2595128	.2347318	.2921135	.4584482	.3569850

#1	.5085321	2.500631	409.4800	15.43547	2.502633	15.21965	416.0411
#2	.5067926	2.496741	407.9811	15.37564	2.500547	15.08330	413.3709
#3	.5069086	2.506599	410.0335	15.44082	2.514139	15.17483	415.8194

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96632	409.1324	2.487505	1.280301	410.9311	2.515128	14.83763
Stddev	.04094	1.5759	.001483	.004495	1.6690	.007894	.12391
%RSD	.2735678	.3851922	.0596000	.3510805	.4061516	.3138434	.8351093

#1	14.98695	410.3757	2.488385	1.280638	411.7638	2.516980	14.85648
#2	14.91916	407.3600	2.485793	1.275647	409.0096	2.506473	14.95104
#3	14.99284	409.6616	2.488336	1.284618	412.0199	2.521931	14.70538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.2620	5.046495	5.021723	4.925617	5.073929	4.941280	5.051463
Stddev	.6242	.010351	.003677	.019770	.024103	.003883	.004524
%RSD	.4099786	.2051167	.0732237	.4013626	.4750342	.0785809	.0895517

#1	152.9069	5.058274	5.019926	4.926979	5.087721	4.937871	5.048917
#2	151.6607	5.042358	5.025953	4.905201	5.087968	4.945506	5.048785
#3	152.2183	5.038851	5.019291	4.944670	5.046098	4.940462	5.056686

Sample Name: CCV050 Acquired: 10/12/2021 13:41:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.032276	5.063186	4.752319
Stddev	.016617	.018109	.038842
%RSD	.3302132	.3576528	.8173371

#1	5.039729	5.070551	4.797094
#2	5.013237	5.042555	4.732188
#3	5.043862	5.076451	4.727673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1152.716	24433.74	5214.569	645.1000	1406.740
Stddev	3.976	94.93	37.780	2.8919	2.707
%RSD	.3449345	.3885253	.7245137	.4482866	.1924505

#1	1153.663	24396.88	5202.047	641.9141	1407.392
#2	1156.134	24541.57	5257.021	645.8267	1409.061
#3	1148.352	24362.76	5184.640	647.5593	1403.766

Sample Name: CCB050 Acquired: 10/12/2021 13:45:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002449	.0030145	.0047152	.0003379	.0013804	.0055117
Stddev	.002795	.0028045	.0013640	.0011173	.0015049	.0062086
%RSD	114.1319	93.03253	28.92762	330.6944	109.0195	112.6448

#1	.000545	-.000198	.0062730	-.000952	.0011386	.0125266
#2	-.004991	.004973	.0041373	.000969	.0029916	.0007235
#3	-.002902	.004269	.0037352	.000996	.0000110	.0032849

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006989	.0000213	.0000221	.0158900	.0002446	-.000158
Stddev	.0003981	.0000741	.0000979	.0023224	.0002322	.000433
%RSD	56.95707	348.5108	442.8888	14.61546	94.95750	274.5316

#1	.0002427	.0000800	-.000044	.0132905	.0000942	-.000652
#2	.0008783	.0000458	.000134	.0166190	.0005120	.000018
#3	.0009757	-.000062	-.000024	.0177604	.0001275	.000160

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001461	.0184846	.0004282	-.030035	-.000105	.0006239
Stddev	.001337	.0045538	.0001385	.046675	.000438	.0003745
%RSD	91.49813	24.63554	32.33533	155.4017	416.1559	60.01846

#1	-.003003	.0205262	.0003966	.008827	.000088	.0003454
#2	-.000750	.0216603	.0005797	-.081807	-.000607	.0010496
#3	-.000630	.0132673	.0003082	-.017126	.000203	.0004768

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647095	.0020894	.0010801	-.057548	-.000242	F .0150293
Stddev	.1968166	.0017380	.0076914	.024839	.001899	.0006568
%RSD	304.1541	83.18022	712.1025	43.16295	784.8331	4.370095

#1	.0173114	.0011138	.0035584	-.032894	-.000220	.0155494
#2	.2808970	.0010584	.0072268	-.057180	.001646	.0142912
#3	-.104080	.0040960	-.007545	-.082569	-.002152	.0152472

Sample Name: CCB050 Acquired: 10/12/2021 13:45:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002072	-.011919	.0016140	.0001907	.0005212	.0028997
Stddev	.0002737	.005325	.0005449	.0028798	.0013888	.0008447
%RSD	132.1339	44.67875	33.76118	1509.893	266.4718	29.12989

#1	.0004704	-.011361	.0021660	.0021724	-.000219	.0023571
#2	.0002271	-.017502	.0010765	-.003113	-.000341	.0038729
#3	-.000076	-.006895	.0015995	.001513	.002123	.0024690

Elem	Sr4077
Units	ppm
Avg	-.000056
Stddev	.000077
%RSD	137.2995

#1	.000032
#2	-.000092
#3	-.000108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.876	26201.56	5416.117	748.9761	1729.281
Stddev	2.288	128.89	10.201	5.8027	4.864
%RSD	.1724216	.4919265	.1883462	.7747481	.2812855

#1	1324.718	26088.02	5404.766	749.9335	1725.263
#2	1329.275	26174.99	5419.068	742.7544	1734.689
#3	1326.636	26341.67	5424.517	754.2406	1727.890

Sample Name: PB139798BL Acquired: 10/12/2021 13:49:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS798 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022299	-.001682	.0009083	-.000908	.0014484	-.002379	.0000336
Stddev	.0087146	.000709	.0043912	.005458	.0030688	.004067	.0013937
%RSD	390.8062	42.16512	483.4622	600.8579	211.8771	170.9200	4144.249

#1	-.000057	-.001930	.0029296	-.005323	.0048808	-.000985	-.001284
#2	.011860	-.000882	.0039248	-.002596	.0004948	.000807	.001493
#3	-.005113	-.002234	-.004130	.005194	-.001030	-.006960	-.000108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000127	.0000930	.0071063	.0005437	-.000197	-.001500	.0111898
Stddev	.0001202	.0000969	.0028993	.0006714	.000211	.001916	.0048924
%RSD	944.7306	104.2490	40.79930	123.4989	107.1631	127.7326	43.72245

#1	.0001489	.0002044	.0070083	.0013186	-.000236	.000528	.0064078
#2	-.000033	.0000284	.0100534	.0001342	-.000387	-.003281	.0161857
#3	-.000078	.0000461	.0042572	.0001782	.000031	-.001747	.0109757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	-.038504	-.000399	.0002298	-.077532	-.001552	-.000248
Stddev	.000126	.004104	.000104	.0002006	.272483	.001569	.001174
%RSD	134.1000	10.65836	26.02404	87.31335	351.4433	101.1183	473.6041

#1	-.000228	-.040028	-.000439	.0003735	-.130410	-.003331	.000805
#2	.000023	-.033856	-.000476	.0000006	.217513	-.000961	-.001514
#3	-.000077	-.041628	-.000281	.0003153	-.319701	-.000364	-.000035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035036	-.005542	.0068628	-.000012	-.018380	-.000120	.0005838
Stddev	.027104	.004561	.0005394	.000244	.011050	.000586	.0001242
%RSD	77.36017	82.28895	7.859405	2117.364	60.11875	486.8947	21.27712

#1	-.007630	-.003560	.0062464	.000038	-.028326	-.000539	.0006557
#2	-.061828	-.002308	.0072482	-.000277	-.006486	.000549	.0006554
#3	-.035650	-.010758	.0070938	.000205	-.020329	-.000372	.0004404

Sample Name: PB139798BL Acquired: 10/12/2021 13:49:22 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS798 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007270	.0011096	-.000016
Stddev	.0008391	.0010047	.000023
%RSD	115.4245	90.54667	149.0852

#1	.0016958	.0006968	-.000039
#2	.0002591	.0022549	-.000015
#3	.0002261	.0003770	.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.846	26314.67	5366.710	754.8113	1728.613
Stddev	2.640	14.05	39.569	2.4475	1.230
%RSD	.1991414	.0534055	.7373064	.3242528	.0711707

#1	1323.321	26313.47	5341.228	755.2179	1729.575
#2	1325.630	26301.25	5346.608	752.1860	1727.227
#3	1328.588	26329.28	5412.295	757.0301	1729.039

Sample Name: PB139798BS Acquired: 10/12/2021 13:53:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS798 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211570	.0533729	.0248255	.0818003	.1277129	.4418084
Stddev	.0047722	.0040136	.0013455	.0043771	.0005280	.0049884
%RSD	22.55604	7.519855	5.419977	5.350983	.4134339	1.129082

#1	.0250673	.0578546	.0240651	.0771267	.1282504	.4360517
#2	.0158394	.0521539	.0240323	.0824704	.1276933	.4448557
#3	.0225643	.0501101	.0263790	.0858037	.1271950	.4445180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4072004	.0117338	.0110056	11.01860	.0228410	.1048775
Stddev	.0009390	.0000705	.0000320	.06209	.0004846	.0006496
%RSD	.2306001	.6004776	.2907147	.5634575	2.121725	.6194176

#1	.4080269	.0117250	.0109750	11.02081	.0231890	.1056103
#2	.4061793	.0116682	.0110030	10.95544	.0230464	.1046500
#3	.4073951	.0118083	.0110388	11.07955	.0222875	.1043723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532109	.2499859	.0347057	10.51644	.0855987	.0213132
Stddev	.0017674	.0115694	.0005406	.03465	.0009031	.0003221
%RSD	3.321411	4.628035	1.557642	.3294565	1.054990	1.511471

#1	.0532981	.2620484	.0344404	10.47647	.0866341	.0211462
#2	.0514015	.2389824	.0353277	10.53788	.0851878	.0211088
#3	.0549330	.2489268	.0343491	10.53497	.0849741	.0216845

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39912	.1174792	.1413323	10.39384	.0186268	F .2230429
Stddev	.35050	.0024237	.0037482	.05273	.0018658	.0013621
%RSD	3.370476	2.063065	2.652031	.5073422	10.01659	.6106926

#1	10.01713	.1171376	.1372977	10.40368	.0206806	.2232550
#2	10.47430	.1152445	.1447061	10.33688	.0170365	.2215872
#3	10.70593	.1200556	.1419932	10.44096	.0181632	.2242866

Sample Name: PB139798BS Acquired: 10/12/2021 13:53:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS798 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223214	.1790813	.2219315	.0119958	.2205301	.0347830
Stddev	.0004546	.0121686	.0024860	.0008914	.0012572	.0007758
%RSD	2.036578	6.794988	1.120181	7.430646	.5700958	2.230360

#1	.0220481	.1794003	.2196602	.0130089	.2190917	.0355910
#2	.0220699	.1667564	.2215470	.0116465	.2210793	.0347137
#3	.0228462	.1910872	.2245874	.0113320	.2214192	.0340441

Elem	Sr4077
Units	ppm
Avg	.2289873
Stddev	.0005036
%RSD	.2199169

#1	.2284629
#2	.2294671
#3	.2290318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.572	26280.95	5415.725	746.5728	1739.330
Stddev	2.296	63.43	20.925	2.3849	2.674
%RSD	.1727074	.2413612	.3863814	.3194462	.1537331

#1	1328.592	26336.06	5439.464	747.7370	1737.971
#2	1332.196	26211.61	5407.755	743.8294	1742.410
#3	1327.928	26295.19	5399.956	748.1519	1737.608

Sample Name: PB139799BL Acquired: 10/12/2021 13:57:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027530	.0036116	.0001808	.0025732	.0006525	-.004469	.0007004
Stddev	.0073174	.0088252	.0013345	.0022357	.0029621	.003437	.0003083
%RSD	265.7978	244.3568	737.9395	86.88226	453.9854	76.91499	44.01797

#1	.0045883	.0132982	.0017040	.0014042	.0017071	-.007819	.0007185
#2	-.005307	.0015089	-.000783	.0011644	.0029430	-.000950	.0003835
#3	.008978	-.003972	-.000378	.0051510	-.002693	-.004638	.0009992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000371	.0001467	.0087262	-.000052	-.000074	-.002254	.0013959
Stddev	.0001582	.0001106	.0144586	.000498	.000528	.000215	.0138757
%RSD	426.2717	75.35415	165.6923	951.3274	717.7823	9.552007	994.0560

#1	.0001800	.0002556	-.007901	.000520	-.000683	-.002177	-.004057
#2	-.000133	.0000346	.018344	-.000294	.000226	-.002498	-.008925
#3	.000064	.0001500	.015736	-.000384	.000236	-.002088	.017170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	-.007396	.0003373	.0007715	.0643075	.0018930	-.001442
Stddev	.001251	.013524	.0007227	.0005797	.1791083	.0018774	.001443
%RSD	2937.465	182.8533	214.2643	75.14192	278.5186	99.17510	100.0077

#1	-.001289	-.005576	-.000037	.0003673	.2524822	.0036573	-.001657
#2	.001212	-.021737	-.000122	.0005116	.0445337	-.000080	-.002766
#3	-.000051	.005126	.001170	.0014358	-.104093	.002102	.000095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004517	.0000155	.0050743	-.000619	-.010459	-.000488	.0003596
Stddev	.030357	.0025573	.0013096	.000309	.002847	.000974	.0003552
%RSD	672.0812	16447.81	25.80783	49.89418	27.22100	199.7375	98.76595

#1	-.034433	-.002387	.0050335	-.000961	-.008935	-.001216	-.000029
#2	-.005381	.002704	.0037856	-.000537	-.013744	.000618	.000442
#3	.026263	-.000270	.0064038	-.000360	-.008699	-.000865	.000667

Sample Name: PB139799BL Acquired: 10/12/2021 13:57:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS799 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003276	.0019462	-.000088
Stddev	.0010450	.0006790	.000096
%RSD	318.9686	34.89102	109.4962

#1	-.000277	.0026813	-.000043
#2	.001534	.0018148	-.000022
#3	-.000275	.0013424	-.000198

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.478	26241.68	5404.499	750.9502	1728.797
Stddev	1.932	151.84	28.798	5.7647	3.251
%RSD	.1453079	.5786061	.5328492	.7676499	.1880453

#1	1328.413	26265.88	5435.237	752.0908	1729.579
#2	1328.312	26379.95	5400.117	756.0592	1731.585
#3	1331.708	26079.19	5378.143	744.7004	1725.226

Sample Name: PB139799BS Acquired: 10/12/2021 14:01:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS799 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166350	.0511657	.0241773	.0839331	.1292449	.4392394
Stddev	.0027371	.0034908	.0032061	.0027812	.0020192	.0105985
%RSD	16.45351	6.822553	13.26075	3.313650	1.562312	2.412909

#1	.0194800	.0484451	.0216826	.0862910	.1315696	.4300172
#2	.0164046	.0499503	.0230559	.0808659	.1279282	.4368834
#3	.0140205	.0551017	.0277935	.0846423	.1282368	.4508176

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4098713	.0116681	.0111559	11.05951	.0237077	.1047659
Stddev	.0018674	.0000591	.0000787	.03333	.0003324	.0005333
%RSD	.4556044	.5061391	.7056616	.3013262	1.402186	.5090026

#1	.4103807	.0116022	.0110805	11.09360	.0234042	.1043983
#2	.4114312	.0117162	.0111497	11.02701	.0236558	.1045219
#3	.4078021	.0116860	.0112376	11.05792	.0240630	.1053775

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532638	.2281226	.0345750	10.50285	.0854569	.0210629
Stddev	.0019389	.0082089	.0004528	.02936	.0004913	.0001274
%RSD	3.640118	3.598462	1.309504	.2795163	.5748709	.6046219

#1	.0555022	.2359209	.0343668	10.52986	.0854406	.0212099
#2	.0521069	.2288898	.0350944	10.47161	.0849740	.0209924
#3	.0521823	.2195570	.0342639	10.50708	.0859561	.0209864

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48596	.1175201	.1356001	10.45502	.0188380	F .2212923
Stddev	.12391	.0018982	.0056705	.08183	.0055516	.0027810
%RSD	1.181672	1.615184	4.181756	.7826610	29.47028	1.256704

#1	10.38851	.1155755	.1386620	10.38425	.0248885	.2243484
#2	10.44396	.1193681	.1290569	10.43618	.0139788	.2189104
#3	10.62541	.1176168	.1390813	10.54462	.0176466	.2206182

Sample Name: PB139799BS Acquired: 10/12/2021 14:01:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS799 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215514	.1817280	.2294571	.0137673	.2204234	.0339133
Stddev	.0002355	.0076595	.0007098	.0027658	.0018680	.0017407
%RSD	1.092885	4.214809	.3093349	20.09002	.8474437	5.132685

#1	.0212955	.1832230	.2302037	.0129876	.2225786	.0347769
#2	.0215998	.1885298	.2287910	.0168393	.2194213	.0350533
#3	.0217590	.1734312	.2293766	.0114750	.2192703	.0319097

Elem	Sr4077
Units	ppm
Avg	.2295926
Stddev	.0004821
%RSD	.2099891

#1	.2291794
#2	.2301223
#3	.2294761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.572	26134.45	5373.988	743.8036	1729.371
Stddev	3.737	78.37	11.731	3.4785	3.350
%RSD	.2823341	.2998864	.2183007	.4676604	.1936861

#1	1320.769	26214.17	5363.543	745.7011	1727.011
#2	1327.815	26131.67	5371.741	739.7890	1733.205
#3	1322.133	26057.50	5386.681	745.9208	1727.898

Sample Name: PB139800BL Acquired: 10/12/2021 14:06:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS800 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002637	-.000051	.0009000	.0029392	-.000196	-.004193	.0002983
Stddev	.006230	.001235	.0006395	.0047436	.001444	.006517	.0001124
%RSD	236.2728	2427.071	71.05386	161.3899	736.3101	155.4220	37.69690

#1	-.009822	-.001460	.0001656	-.001533	.001469	-.010586	.0001938
#2	.001254	.000844	.0012002	.002436	-.000953	.002441	.0004173
#3	.000658	.000464	.0013342	.007914	-.001104	-.004434	.0002837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000384	.0001414	.0093559	-.000063	-.000011	-.002522	.0169860
Stddev	.0001112	.0000873	.0029707	.000161	.000087	.001633	.0164590
%RSD	289.9171	61.72615	31.75188	257.1025	798.4841	64.75981	96.89725

#1	.0000878	.0002363	.0116374	-.000169	-.000103	-.001117	.0336953
#2	-.000089	.0000645	.0104334	-.000141	-.000001	-.004313	.0007893
#3	.000116	.0001235	.0059968	.000122	.000071	-.002135	.0164733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	-.021139	-.000059	.0002201	-.106648	-.003021	.0006218
Stddev	.000517	.018758	.000304	.0003558	.271050	.001420	.0017376
%RSD	799.8682	88.73709	511.5325	161.6145	254.1542	47.00144	279.4502

#1	.000525	-.030198	-.000406	.0006202	.195606	-.004122	.0000316
#2	-.000278	.000429	.000070	.0001008	-.187418	-.003522	.0025776
#3	-.000441	-.033647	.000158	-.000061	-.328132	-.001418	-.000744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654736	-.004937	.0024867	-.000600	-.008343	-.000794	-.000577
Stddev	.0653979	.003528	.0012847	.000816	.011902	.000772	.000422
%RSD	99.88436	71.45531	51.66371	136.0242	142.6469	97.17967	73.09560

#1	.1201952	-.001035	.0031542	.000342	-.012928	-.001618	-.000568
#2	.0831798	-.007901	.0033002	-.001056	.005169	-.000676	-.001004
#3	-.006954	-.005876	.0010056	-.001084	-.017271	-.000088	-.000160

Sample Name: PB139800BL Acquired: 10/12/2021 14:06:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS800 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002497	.0017653	-.000062
Stddev	.0010379	.0003471	.000040
%RSD	415.6601	19.65954	64.20304

#1	-.000192	.0021500	-.000059
#2	.001435	.0016702	-.000102
#3	-.000495	.0014757	-.000023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.132	26127.79	5385.148	747.9304	1720.293
Stddev	.572	108.65	35.718	3.3357	3.239
%RSD	.0430967	.4158256	.6632719	.4459862	.1882804

#1	1325.473	26018.20	5343.918	744.7031	1720.961
#2	1326.431	26129.71	5404.858	747.7234	1723.146
#3	1326.491	26235.46	5406.668	751.3648	1716.772

Sample Name: PB139800BS Acquired: 10/12/2021 14:10:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS800 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154069	.0543782	.0247874	.0847634	.1339923	.4444228
Stddev	.0085813	.0027619	.0024669	.0046795	.0028639	.0133398
%RSD	55.69818	5.079125	9.952133	5.520635	2.137362	3.001599

#1	.0076383	.0555186	.0219475	.0829455	.1364915	.4562838
#2	.0139642	.0563873	.0263995	.0900790	.1346183	.4299813
#3	.0246181	.0512287	.0260151	.0812656	.1308672	.4470034

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4241235	.0118082	.0112823	11.42364	.0238378	.1084930
Stddev	.0015875	.0001603	.0002080	.04793	.0005965	.0007419
%RSD	.3742919	1.357869	1.843193	.4195841	2.502401	.6838127

#1	.4257274	.0116393	.0112452	11.45750	.0241957	.1079943
#2	.4240901	.0118268	.0115064	11.44463	.0231492	.1081390
#3	.4225530	.0119584	.0110955	11.36879	.0241686	.1093455

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550445	.2368102	.0357488	10.76517	.0884559	.0221918
Stddev	.0025852	.0071378	.0010853	.05597	.0004456	.0001506
%RSD	4.696589	3.014124	3.035890	.5198949	.5036996	.6785660

#1	.0555789	.2369272	.0367982	10.80159	.0886134	.0221610
#2	.0573207	.2296147	.0358173	10.70072	.0879530	.0220590
#3	.0522338	.2438888	.0346309	10.79319	.0888013	.0223554

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94182	.1199886	.1483532	10.74670	.0227312	F .2250180
Stddev	.11900	.0037099	.0035786	.05317	.0055237	.0029011
%RSD	1.087571	3.091840	2.412219	.4947962	24.30006	1.289257

#1	11.07585	.1240919	.1444508	10.68859	.0243919	.2227637
#2	10.84857	.1168715	.1514811	10.75856	.0165676	.2239993
#3	10.90105	.1190025	.1491279	10.79294	.0272340	.2282910

Sample Name: PB139800BS Acquired: 10/12/2021 14:10:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS800 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221695	.1839451	.2306592	.0160290	.2276951	.0349336
Stddev	.0001882	.0044145	.0010441	.0028029	.0005731	.0011980
%RSD	.8490496	2.399926	.4526619	17.48645	.2516800	3.429321
#1	.0221028	.1866266	.2317568	.0182913	.2274448	.0338322
#2	.0223820	.1863587	.2296784	.0169022	.2283507	.0362092
#3	.0220238	.1788500	.2305424	.0128934	.2272897	.0347595

Elem	Sr4077
Units	ppm
Avg	.2369308
Stddev	.0002994
%RSD	.1263478
#1	.2372301
#2	.2369309
#3	.2366314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.866	26156.50	5415.527	747.4426	1731.566
Stddev	3.657	70.40	39.742	1.8378	3.297
%RSD	.2758418	.2691644	.7338571	.2458747	.1904181
#1	1322.333	26098.42	5384.352	746.0591	1729.112
#2	1329.636	26136.29	5460.278	746.7410	1735.314
#3	1325.629	26234.80	5401.950	749.5279	1730.272

Sample Name: M4034-03 Acquired: 10/12/2021 14:14:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268240	.0043446	.2776092	.0115004	.0010030	33.02442	.4793168
Stddev	.0042039	.0011698	.0011681	.0068265	.0013827	.30222	.0009624
%RSD	15.67219	26.92604	.4207644	59.35900	137.8595	.9151481	.2007936

#1	.0275135	.0038241	.2763447	.0169229	.0024856	32.77772	.4784479
#2	.0223179	.0035253	.2778351	.0137439	.0007748	33.36153	.4791512
#3	.0306405	.0056843	.2786479	.0038345	-.000251	32.93402	.4803513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069057	.0037896	19.93678	.0760756	.0643452	.1683000	102.4449
Stddev	.0001048	.0003049	.06630	.0006242	.0004837	.0006010	1.1887
%RSD	1.518054	8.045789	.3325427	.8205549	.7516603	.3570771	1.160355

#1	.0068002	.0040771	19.94740	.0760173	.0643452	.1681620	101.3024
#2	.0069070	.0038218	19.99713	.0767270	.0638616	.1677801	103.6750
#3	.0070099	.0034698	19.86581	.0754826	.0648289	.1689580	102.3572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.926139	5.792434	.1308870	.0041789	.9946930	.0786905	.7297908
Stddev	.004168	.040113	.0002224	.0003777	.2572029	.0030886	.0066087
%RSD	.1424513	.6924992	.1699149	9.039385	25.85751	3.925042	.9055599

#1	2.925732	5.772027	.1307236	.0046001	1.023107	.0780379	.7262378
#2	2.930496	5.838647	.1311403	.0040668	.724463	.0759803	.7374160
#3	2.922189	5.766628	.1307972	.0038700	1.236509	.0820533	.7257187

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.801397	3.152471	.0252747	.0010301	4.632372	2.980836	.0400548
Stddev	.014725	.007003	.0035198	.0004002	.018857	.034844	.0023935
%RSD	.5256455	.2221490	13.92618	38.85289	.4070739	1.168939	5.975560

#1	2.809000	3.147334	.0212150	.0010980	4.614598	2.970774	.0427405
#2	2.810766	3.160448	.0274713	.0006003	4.630366	3.019604	.0381472
#3	2.784424	3.149631	.0271379	.0013921	4.652152	2.952131	.0392765

Sample Name: M4034-03 Acquired: 10/12/2021 14:14:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2305538	.0557508	.0770402
Stddev	.0017039	.0010870	.0004014
%RSD	.7390530	1.949766	.5210020

#1	.2319504	.0544957	.0774930
#2	.2310556	.0563822	.0768990
#3	.2286553	.0563746	.0767284

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.849	28100.48	5845.933	804.1778	1778.612
Stddev	2.402	109.65	55.444	2.1668	2.896
%RSD	.1680997	.3902122	.9484142	.2694487	.1628250

#1	1428.215	28081.34	5885.360	806.5653	1780.132
#2	1431.504	28218.44	5782.537	803.6319	1775.273
#3	1426.827	28001.65	5869.901	802.3361	1780.432

Sample Name: M4034-04 Acquired: 10/12/2021 14:18:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276910	.0003692	.2713687	.0108651	.0014764	32.34722	.4750709
Stddev	.0013830	.0032502	.0026204	.0038419	.0005774	.11707	.0008775
%RSD	4.994469	880.4180	.9656382	35.35958	39.11192	.3619162	.1847038

#1	.0281025	-.002187	.2711278	.0076226	.0018599	32.32082	.4741337
#2	.0261489	.004027	.2741012	.0098645	.0017570	32.47523	.4758729
#3	.0288215	-.000733	.2688770	.0151083	.0008123	32.24560	.4752063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066987	.0038046	19.76513	.0750639	.0642148	.1659497	100.9824
Stddev	.0002265	.0001261	.05962	.0004161	.0002492	.0041343	.7407
%RSD	3.381817	3.315355	.3016295	.5543603	.3880222	2.491300	.7335108

#1	.0064845	.0038894	19.76922	.0746140	.0639922	.1660058	101.3830
#2	.0069359	.0036596	19.82259	.0751427	.0641682	.1700557	101.4366
#3	.0066758	.0038648	19.70357	.0754350	.0644839	.1617876	100.1277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.918995	5.686554	.1295898	.0044365	.9377508	.0755814	.7133376
Stddev	.010616	.029567	.0001697	.0002148	.0968260	.0027700	.0047314
%RSD	.3636840	.5199376	.1309155	4.840761	10.32534	3.664902	.6632727

#1	2.907194	5.696536	.1293943	.0046730	.9982441	.0724672	.7135783
#2	2.922022	5.709838	.1296979	.0042536	.9889331	.0777702	.7179441
#3	2.927768	5.653289	.1296774	.0043830	.8260751	.0765069	.7084905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.727694	3.058422	.0254109	.0007305	4.588129	2.926004	.0419775
Stddev	.040360	.015239	.0018263	.0008636	.026708	.028925	.0042206
%RSD	1.479647	.4982679	7.186886	118.2149	.5821035	.9885544	10.05444

#1	2.774135	3.058580	.0271533	.0017241	4.618719	2.896883	.0453582
#2	2.701100	3.043104	.0255685	.0001602	4.569445	2.954729	.0433271
#3	2.707847	3.073581	.0235110	.0003073	4.576223	2.926399	.0372471

Sample Name: M4034-04 Acquired: 10/12/2021 14:18:23 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2277174	.0546670	.0757424
Stddev	.0055216	.0011246	.0004452
%RSD	2.424757	2.057230	.5877341

#1	.2253073	.0546971	.0754824
#2	.2340343	.0535276	.0754884
#3	.2238105	.0557762	.0762564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.490	28112.65	5888.730	802.2932	1779.612
Stddev	1.933	112.61	11.997	2.2883	1.908
%RSD	.1351630	.4005732	.2037223	.2852231	.1072406

#1	1429.176	27982.65	5882.286	803.2219	1778.168
#2	1429.584	28175.28	5881.333	803.9713	1778.892
#3	1432.710	28180.03	5902.572	799.6866	1781.776

Sample Name: M4034-05 Acquired: 10/12/2021 14:22:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079237	.0720225	.2547369	.1168543	.0621586	34.98878	4.541828
Stddev	.0034862	.0037474	.0043313	.0044001	.0015937	.18214	.012863
%RSD	3.230228	5.203134	1.700309	3.765456	2.564008	.5205722	.2832076

#1	.1040078	.0678055	.2513968	.1219341	.0609855	34.85111	4.529114
#2	.1090740	.0732906	.2531831	.1142285	.0639731	34.91990	4.541537
#3	.1106894	.0749712	.2596308	.1144002	.0615171	35.19531	4.554834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1107604	.1106334	19.57402	.5257233	1.119715	.6564566	158.4246
Stddev	.0008693	.0001088	.05298	.0016447	.001572	.0060372	.8469
%RSD	.7848384	.0982987	.2706600	.3128377	.1403641	.9196605	.5345967

#1	.1098066	.1107163	19.60585	.5266852	1.120001	.6522936	157.9788
#2	.1115082	.1105103	19.51287	.5238243	1.118020	.6536956	157.8936
#3	.1109664	.1106735	19.60335	.5266605	1.121124	.6633806	159.4013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.214564	5.932697	1.187780	.1023110	3.309836	1.116112	1.532468
Stddev	.023730	.031518	.003825	.0005538	.211512	.001597	.008618
%RSD	.4550735	.5312668	.3220514	.5412798	6.390417	.1430640	.5623753

#1	5.212203	5.901266	1.192174	.1028979	3.188576	1.116737	1.542295
#2	5.192103	5.932523	1.185190	.1017977	3.554067	1.114297	1.526194
#3	5.239387	5.964302	1.185977	.1022372	3.186863	1.117301	1.528916

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.229090	2.731897	.0329038	.0005495	3.071467	2.942308	.0260110
Stddev	.009124	.017090	.0042521	.0002841	.024966	.042025	.0029949
%RSD	.2825583	.6255685	12.92290	51.69931	.8128351	1.428299	11.51400

#1	3.221511	2.744948	.0367115	.0006143	3.099160	2.896040	.0289697
#2	3.239218	2.738191	.0283154	.0002386	3.064560	2.952771	.0229811
#3	3.226543	2.712553	.0336847	.0007955	3.050682	2.978112	.0260820

Sample Name: M4034-05 Acquired: 10/12/2021 14:22:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2039427	.0583213	-.023262
Stddev	.0033056	.0006581	.000217
%RSD	1.620857	1.128371	.9347790

#1	.2075332	.0588838	-.023256
#2	.2010257	.0575976	-.023048
#3	.2032693	.0584825	-.023483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.308	27612.20	5843.759	784.1936	1735.480
Stddev	4.209	30.49	27.410	4.3598	3.321
%RSD	.3001551	.1104185	.4690503	.5559645	.1913388

#1	1401.732	27577.03	5869.983	780.4725	1731.985
#2	1406.775	27631.12	5845.994	788.9907	1738.593
#3	1398.416	27628.46	5815.299	783.1178	1735.861

Sample Name: M4034-03LX5 Acquired: 10/12/2021 14:26:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059993	.0017765	.0543751	.0081498	.0007244	6.681566	.0994648
Stddev	.0056828	.0038391	.0019117	.0010289	.0013296	.038572	.0006562
%RSD	94.72528	216.1050	3.515683	12.62460	183.5491	.5772955	.6596976

#1	.0000637	.0027143	.0523619	.0081587	-.000779	6.700470	.0999847
#2	.0065441	.0050598	.0561657	.0091742	.001745	6.707040	.0996823
#3	.0113900	-.002445	.0545978	.0071165	.001207	6.637189	.0987276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014370	.0008642	4.103648	.0152482	.0128494	.0361212	21.18221
Stddev	.0001521	.0000555	.031466	.0003436	.0001098	.0002970	.10565
%RSD	10.58382	6.426103	.7667784	2.253524	.8545849	.8222930	.4987625

#1	.0012949	.0009203	4.128155	.0155969	.0129246	.0359566	21.29925
#2	.0014186	.0008630	4.114625	.0152378	.0129003	.0359429	21.15347
#3	.0015974	.0008093	4.068164	.0149099	.0127234	.0364641	21.09390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6078322	1.148797	.0257153	.0012836	-.028411	.0158399	.1439257
Stddev	.0032160	.011278	.0000844	.0003181	.260521	.0014965	.0023306
%RSD	.5290902	.9816827	.3282415	24.78448	916.9588	9.447419	1.619304

#1	.6041188	1.161293	.0256424	.0011583	-.004673	.0173152	.1455378
#2	.6097006	1.139376	.0258078	.0016453	-.299989	.0158816	.1449859
#3	.6096774	1.145723	.0256957	.0010472	.219428	.0143231	.1412535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5815442	.6159900	.0056156	-.000205	.9081639	.6094912	.0061812
Stddev	.0136461	.0062668	.0007121	.000502	.0069665	.0097623	.0010529
%RSD	2.346521	1.017354	12.68057	244.4835	.7670945	1.601712	17.03339

#1	.5923892	.6104390	.0061732	-.000693	.9153530	.6092418	.0061194
#2	.5662220	.6227858	.0048135	-.000233	.9076951	.6193759	.0051605
#3	.5860214	.6147452	.0058601	.000310	.9014437	.5998561	.0072635

Sample Name: M4034-03LX5 Acquired: 10/12/2021 14:26:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0477053	.0113172	.0155625
Stddev	.0025131	.0018651	.0001989
%RSD	5.267884	16.48053	1.277936

#1	.0472565	.0091869	.0154134
#2	.0504125	.0121082	.0157883
#3	.0454469	.0126565	.0154858

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.084	26539.61	5555.925	760.0401	1745.381
Stddev	2.925	123.44	40.174	6.7423	2.242
%RSD	.2159829	.4651064	.7230846	.8871020	.1284597

#1	1352.994	26397.16	5553.837	753.5529	1744.281
#2	1351.860	26606.72	5516.836	767.0115	1743.901
#3	1357.396	26614.96	5597.103	759.5560	1747.960

Sample Name: M4038-01 Acquired: 10/12/2021 14:30:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231283	.0011361	.1149809	.0014758	.0009933	47.95121	.3771680
Stddev	.0037257	.0025558	.0015576	.0045364	.0024601	.10121	.0010112
%RSD	16.10890	224.9588	1.354621	307.3918	247.6684	.2110699	.2680966

#1	.0200794	.0040059	.1167753	-.003654	.0004692	48.04921	.3781538
#2	.0220242	.0002978	.1139784	.003122	-.001163	47.95736	.3761332
#3	.0272813	-.000895	.1141889	.004959	.003673	47.84707	.3772171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037161	.0014823	4.612529	.0809881	.0287084	.0563701	72.05633
Stddev	.0000561	.0003003	.007702	.0000501	.0005150	.0009131	.18463
%RSD	1.510609	20.25554	.1669866	.0618479	1.793866	1.619758	.2562345

#1	.0036791	.0012515	4.618799	.0809748	.0292486	.0571363	72.24004
#2	.0037807	.0013736	4.603932	.0810434	.0282230	.0566141	72.05816
#3	.0036886	.0018218	4.614856	.0809459	.0286537	.0553598	71.87079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.379701	3.235251	.0463758	.0023928	.4538209	.1070961	.1877488
Stddev	.002464	.012521	.0002921	.0004809	.1221717	.0011108	.0032577
%RSD	.1785711	.3870243	.6299037	20.09797	26.92069	1.037239	1.735136

#1	1.378736	3.221467	.0465221	.0024159	.4470975	.1080456	.1914352
#2	1.377865	3.238366	.0460395	.0019008	.5792155	.1058745	.1852569
#3	1.382501	3.245921	.0465660	.0028618	.3351498	.1073683	.1865545

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.479047	.5296105	.0118840	.0009744	.5252832	4.207299	.0071266
Stddev	.055029	.0043296	.0018129	.0005236	.0051451	.003335	.0020533
%RSD	1.581734	.8174998	15.25507	53.73872	.9794968	.0792604	28.81155

#1	3.526678	.5262569	.0139741	.0013749	.5226365	4.203607	.0076367
#2	3.418808	.5344982	.0109405	.0003819	.5220001	4.210091	.0088769
#3	3.491654	.5280763	.0107375	.0011664	.5312129	4.208200	.0048664

Sample Name: M4038-01 Acquired: 10/12/2021 14:30:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2247025	.0448340	-.017121
Stddev	.0004789	.0006745	.000282
%RSD	.2131257	1.504460	1.649240

#1	.2241576	.0454225	-.017297
#2	.2250564	.0449816	-.017270
#3	.2248934	.0440979	-.016795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.535	27828.19	5850.994	800.0605	1774.367
Stddev	1.007	55.34	27.504	4.2891	1.483
%RSD	.0708681	.1988475	.4700686	.5360977	.0835775

#1	1419.847	27870.47	5881.672	803.8751	1772.920
#2	1420.068	27848.54	5842.765	800.8888	1775.883
#3	1421.690	27765.56	5828.543	795.4177	1774.299

Sample Name: M4038-02 Acquired: 10/12/2021 14:34:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219801	.0030519	.1090341	.0029642	-.001470	47.18472	.3639447
Stddev	.0032565	.0034739	.0019330	.0092038	.001488	.13878	.0014883
%RSD	14.81558	113.8288	1.772832	310.4938	101.2325	.2941277	.4089481

#1	.0183108	-.000710	.1110458	.0134147	.000231	47.27329	.3633244
#2	.0245268	.003727	.1088657	-.003935	-.002528	47.25609	.3656429
#3	.0231026	.006138	.1071908	-.000587	-.002112	47.02477	.3628669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035487	.0014693	4.480751	.0785115	.0288890	.0574409	71.49875
Stddev	.0000670	.0002138	.013245	.0007311	.0001271	.0026279	.09545
%RSD	1.886594	14.54812	.2956062	.9311436	.4397801	4.574975	.1335022

#1	.0034928	.0012248	4.495745	.0781364	.0288032	.0544083	71.60374
#2	.0035305	.0016208	4.470643	.0793539	.0290349	.0588654	71.47530
#3	.0036229	.0015624	4.475864	.0780441	.0288288	.0590490	71.41720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.344432	3.236770	.0463100	.0027966	.6557774	.1042464	.1869207
Stddev	.003156	.039854	.0012566	.0002233	.1700251	.0032266	.0027064
%RSD	.2347427	1.231302	2.713483	7.983943	25.92725	3.095123	1.447897

#1	1.346912	3.197226	.0456677	.0027200	.8427709	.1063396	.1866077
#2	1.345504	3.236155	.0455044	.0026218	.6140841	.1058691	.1897700
#3	1.340879	3.276928	.0477580	.0030481	.5104773	.1005307	.1843844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.357744	.5246274	.0103079	.0007459	.5343309	4.130372	.0060719
Stddev	.036331	.0067216	.0009896	.0002583	.0028697	.025248	.0016305
%RSD	1.081996	1.281219	9.600348	34.62558	.5370685	.6112745	26.85367

#1	3.328920	.5239772	.0092037	.0010307	.5358746	4.121578	.0053660
#2	3.398553	.5182545	.0111147	.0005269	.5310198	4.158841	.0049132
#3	3.345758	.5316505	.0106052	.0006801	.5360985	4.110697	.0079364

Sample Name: M4038-02 Acquired: 10/12/2021 14:34:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00Q5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2205549	.0437521	-.018926
Stddev	.0016760	.0009175	.000129
%RSD	.7599117	2.097045	.6837724

#1	.2219228	.0426994	-.019036
#2	.2186854	.0441751	-.018784
#3	.2210566	.0443818	-.018960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.667	28217.65	5917.568	805.1287	1789.740
Stddev	1.924	54.01	5.085	7.1989	5.255
%RSD	.1342276	.1913931	.0859236	.8941350	.2936170

#1	1433.767	28234.65	5923.320	808.2144	1791.231
#2	1435.539	28261.11	5915.713	810.2704	1794.089
#3	1431.694	28157.19	5913.672	796.9012	1783.901

Sample Name: M4038-03 Acquired: 10/12/2021 14:38:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888541	.0894993	.1312155	.0986556	.0344141	49.34444	4.489030
Stddev	.0094646	.0036393	.0009184	.0035073	.0032801	.20130	.012705
%RSD	10.65179	4.066324	.6999285	3.555043	9.531188	.4079403	.2830341

#1	.0959063	.0857967	.1304976	.0973272	.0313938	49.11224	4.499585
#2	.0925584	.0896293	.1308985	.1026330	.0339451	49.45145	4.474928
#3	.0780977	.0930719	.1322505	.0960066	.0379035	49.46963	4.492577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1062025	.1066447	4.897104	.5132793	1.067590	.5422686	61.40548
Stddev	.0004247	.0000732	.012565	.0021054	.001615	.0030969	.53544
%RSD	.3999208	.0686783	.2565736	.4101899	.1512374	.5710988	.8719694

#1	.1059075	.1067275	4.909361	.5155660	1.067406	.5411785	60.82019
#2	.1060108	.1065884	4.884252	.5114211	1.066075	.5398642	61.87067
#3	.1066893	.1066182	4.897699	.5128508	1.069289	.5457632	61.52556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.422666	3.310940	1.095807	.0986328	.5645368	1.114404	1.073184
Stddev	.015994	.016870	.001197	.0004540	.1876948	.008218	.010079
%RSD	.6601998	.5095270	.1092399	.4602781	33.24758	.7374627	.9391897

#1	2.433310	3.292695	1.096180	.0986489	.3697401	1.104914	1.062069
#2	2.404273	3.325974	1.094468	.0981710	.7442154	1.119210	1.075753
#3	2.430415	3.314150	1.096774	.0990786	.5796550	1.119087	1.081730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.360317	.5041754	.0114880	.0011570	.5440799	3.971516	.0056479
Stddev	.011894	.0050601	.0017900	.0004380	.0074819	.017391	.0008948
%RSD	.3539565	1.003637	15.58157	37.85220	1.375149	.4378932	15.84391

#1	3.349280	.5054582	.0094213	.0016353	.5358417	3.974361	.0055768
#2	3.358755	.4985974	.0124922	.0010601	.5504524	3.952878	.0065761
#3	3.372914	.5084707	.0125505	.0007756	.5459458	3.987309	.0047907

Sample Name: M4038-03 Acquired: 10/12/2021 14:38:36 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00Q5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1857024	.0451546	-.003350
Stddev	.0040175	.0004302	.000435
%RSD	2.163412	.9527864	12.99586

#1	.1831549	.0455122	-.002865
#2	.1836187	.0452744	-.003707
#3	.1903337	.0446772	-.003479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.078	27655.80	5830.421	785.9759	1756.830
Stddev	1.763	87.25	28.505	5.2285	2.242
%RSD	.1247856	.3154798	.4888946	.6652252	.1276215

#1	1411.096	27748.81	5861.823	792.0076	1758.067
#2	1413.665	27575.77	5823.262	782.7342	1754.242
#3	1414.473	27642.83	5806.178	783.1860	1758.182

Sample Name: M4038-01LX5 Acquired: 10/12/2021 14:42:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003603	.0006798	.0230081	.0032550	-.001001	9.817207	.0777488
Stddev	.0074408	.0032909	.0021326	.0041686	.002306	.069816	.0002706
%RSD	2065.344	484.1288	9.268853	128.0698	230.2670	.7111602	.3480117

#1	.0015123	-.000336	.0235535	.0080304	.000831	9.882039	.0778099
#2	-.007589	.004359	.0206558	.0003437	-.000245	9.826288	.0779836
#3	.007158	-.001984	.0248150	.0013908	-.003590	9.743295	.0774529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009365	.0003645	.9571484	.0166668	.0056291	.0100709	14.79194
Stddev	.0000758	.0001852	.0026135	.0001223	.0002245	.0020754	.06699
%RSD	8.091125	50.79871	.2730486	.7336105	3.988032	20.60761	.4528915

#1	.0010217	.0001670	.9555427	.0167354	.0056273	.0082009	14.83611
#2	.0009112	.0005342	.9601641	.0167394	.0058544	.0123038	14.71486
#3	.0008766	.0003922	.9557385	.0165256	.0054054	.0097081	14.82485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2809008	.6457756	.0091060	.0009574	.0308712	.0236040	.0408100
Stddev	.0003293	.0252738	.0009353	.0002844	.0694568	.0026051	.0033460
%RSD	.1172364	3.913709	10.27148	29.71102	224.9890	11.03654	8.199030

#1	.2806482	.6749016	.0084059	.0012505	-.001337	.0213157	.0411287
#2	.2807810	.6296255	.0101683	.0009391	-.016634	.0230573	.0373161
#3	.2812733	.6327995	.0087439	.0006825	.110585	.0264391	.0439853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7468067	.1056650	.0032308	-.000025	.0893461	.8711397	.0012561
Stddev	.0519360	.0028919	.0004403	.000151	.0062341	.0068744	.0020764
%RSD	6.954410	2.736856	13.62796	607.1215	6.977487	.7891315	165.2984

#1	.6895963	.1030711	.0027538	.000099	.0925353	.8694706	-.000025
#2	.7598374	.1051408	.0033169	.000020	.0933405	.8652535	.003652
#3	.7909866	.1087832	.0036217	-.000193	.0821626	.8786950	.000142

Sample Name: M4038-01LX5 Acquired: 10/12/2021 14:42:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0455597	.0104854	-.003627
Stddev	.0019384	.0014029	.000050
%RSD	4.254618	13.37912	1.388610

#1	.0434989	.0117183	-.003602
#2	.0458335	.0107788	-.003594
#3	.0473466	.0089590	-.003685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1356.946	26610.37	5589.879	759.9848	1746.485
Stddev	3.991	108.56	28.773	1.2335	4.925
%RSD	.2941240	.4079727	.5147393	.1622999	.2819790

#1	1355.013	26551.56	5560.983	758.9080	1742.037
#2	1354.290	26543.90	5618.528	759.7158	1745.639
#3	1361.536	26735.65	5590.127	761.3305	1751.777

Sample Name: M4074-08 Acquired: 10/12/2021 14:46:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301397	-.033450	.0288383	.0446633	.0042210	189.0478	1.387459
Stddev	.0047713	.002271	.0015253	.0048217	.0041147	.1926	.005241
%RSD	3.666289	6.788408	5.289059	10.79573	97.48245	.1019014	.3777591

#1	.1247070	-.034453	.0303569	.0466528	.0049084	189.1796	1.389503
#2	.1336493	-.035047	.0288516	.0481719	.0079488	188.8267	1.381504
#3	.1320628	-.030851	.0273064	.0391651	-.000194	189.1370	1.391371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137085	.0148892	67.31818	.2706396	.2432951	.7292754	544.2436
Stddev	.0001872	.0002891	.27175	.0010896	.0018454	.0015409	1.4594
%RSD	1.365385	1.941742	.4036780	.4025867	.7585118	.2112972	.2681553

#1	.0137838	.0149728	67.50745	.2706148	.2416383	.7277672	544.8212
#2	.0134954	.0145674	67.00679	.2717413	.2429631	.7292118	545.3259
#3	.0138463	.0151272	67.44029	.2695626	.2452841	.7308471	542.5838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.368227	49.52975	.1988588	.0177443	4.356658	1.315161	.8727795
Stddev	.037056	.11771	.0025056	.0010495	.222532	.003515	.0070974
%RSD	.4428145	.2376578	1.260010	5.914345	5.107858	.2672874	.8131950

#1	8.372248	49.65678	.1992397	.0189500	4.610618	1.319193	.8674073
#2	8.329325	49.50809	.1961846	.0172475	4.195786	1.313552	.8701058
#3	8.403109	49.42437	.2011522	.0170355	4.263569	1.312739	.8808254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.975489	7.519321	.0478177	-.003010	1.591389	5.985509	-.005394
Stddev	.064735	.064586	.0028613	.000133	.023910	.030183	.005023
%RSD	2.175611	.8589364	5.983652	4.430019	1.502483	.5042667	93.12191

#1	2.904237	7.485703	.0463126	-.002887	1.570499	5.992857	-.008171
#2	3.030686	7.478478	.0511174	-.002990	1.586199	6.011340	.000404
#3	2.991542	7.593782	.0460232	-.003152	1.617468	5.952331	-.008415

Sample Name: M4074-08 Acquired: 10/12/2021 14:46:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF27 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.922063	.0616113	.3502198
Stddev	.016562	.0008993	.0027810
%RSD	.1856258	1.459683	.7940641

#1	8.939951	.0619740	.3487332
#2	8.907262	.0605873	.3484981
#3	8.918976	.0622726	.3534281

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.922	29862.20	6334.405	841.0666	1637.496
Stddev	7.193	91.48	24.001	7.1104	11.117
%RSD	.4795254	.3063371	.3789057	.8453996	.6789205

#1	1501.617	29868.67	6355.274	846.5825	1642.361
#2	1506.115	29950.27	6339.763	843.5755	1645.351
#3	1492.033	29767.65	6308.177	833.0419	1624.775

Sample Name: M4074-09 Acquired: 10/12/2021 14:50:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF27D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1273832	-.034047	.0256814	.0448294	.0043019	186.3243	1.342592
Stddev	.0096107	.000854	.0016966	.0054111	.0025891	.6438	.002298
%RSD	7.544719	2.507354	6.606333	12.07039	60.18603	.3455144	.1711275

#1	.1349607	-.034998	.0255039	.0387070	.0025857	185.6737	1.340304
#2	.1165729	-.033797	.0240806	.0468105	.0072800	186.3380	1.342572
#3	.1306161	-.033346	.0274598	.0489708	.0030399	186.9611	1.344899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139342	.0149116	66.45633	.2685876	.2395698	.7185027	538.1670
Stddev	.0002702	.0002796	.09699	.0001485	.0009624	.0019439	1.2530
%RSD	1.939207	1.875410	.1459477	.0553018	.4017016	.2705414	.2328325

#1	.0139550	.0152153	66.34437	.2684435	.2386084	.7170487	536.8978
#2	.0141934	.0148548	66.51475	.2687402	.2395679	.7207106	538.2000
#3	.0136542	.0146647	66.50988	.2685791	.2405331	.7177489	539.4032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.213731	48.89882	.1972857	.0169271	4.665852	1.303339	.8573770
Stddev	.018898	.18873	.0004974	.0007514	.141234	.003634	.0110834
%RSD	.2300743	.3859704	.2521316	4.439296	3.026978	.2788465	1.292709

#1	8.202604	48.70596	.1968880	.0164660	4.811918	1.307503	.8680250
#2	8.203038	48.90734	.1971258	.0177943	4.655633	1.300807	.8459043
#3	8.235551	49.08314	.1978435	.0165212	4.530005	1.301708	.8582018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.850412	7.431972	.0506414	-.002400	1.600099	5.541679	-.006242
Stddev	.012254	.021544	.0213469	.000767	.010154	.052718	.003265
%RSD	.4299183	.2898892	42.15300	31.95193	.6345958	.9513019	52.30202

#1	2.846311	7.448615	.0669003	-.003055	1.590136	5.510848	-.002563
#2	2.840734	7.407637	.0264675	-.001556	1.599726	5.602551	-.008794
#3	2.864191	7.439664	.0585565	-.002589	1.610434	5.511639	-.007369

Sample Name: M4074-09 Acquired: 10/12/2021 14:50:46 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF27D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.749657	.0608228	.3209390
Stddev	.024684	.0009648	.0006679
%RSD	.2821133	1.586239	.2081062

#1	8.723995	.0619135	.3205666
#2	8.751745	.0604739	.3217101
#3	8.773230	.0600810	.3205403

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1508.120	29883.12	6367.743	841.7885	1648.144
Stddev	1.952	108.44	36.978	7.4109	2.752
%RSD	.1294180	.3628682	.5807153	.8803739	.1669711

#1	1506.398	29993.48	6400.556	841.6351	1649.455
#2	1510.240	29879.17	6327.674	849.2750	1649.996
#3	1507.722	29776.71	6374.999	834.4556	1644.982

Sample Name: M4074-10 Acquired: 10/12/2021 14:54:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF27S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2014970	.0623550	.0718149	.1260529	.0542905	194.3826	5.149084
Stddev	.0079384	.0019975	.0038699	.0019701	.0020785	.6807	.003707
%RSD	3.939734	3.203368	5.388767	1.562916	3.828442	.3501838	.0719986

#1	.2102942	.0645950	.0753235	.1250444	.0563294	193.6813	5.145500
#2	.1993288	.0617114	.0676640	.1247912	.0543675	194.4260	5.152904
#3	.1948678	.0607587	.0724572	.1283230	.0521746	195.0407	5.148848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1085973	.1217705	65.18079	.6828721	1.311160	1.162956	541.1994
Stddev	.0003424	.0001412	.02129	.0031776	.004319	.000659	2.9749
%RSD	.3152621	.1159623	.0326639	.4653346	.3293664	.0566650	.5496894

#1	.1083333	.1218707	65.17744	.6792927	1.313261	1.162732	537.8777
#2	.1084744	.1218318	65.16137	.6839631	1.314026	1.162438	542.1024
#3	.1089841	.1216090	65.20355	.6853605	1.306193	1.163697	543.6183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.674442	49.15368	1.276985	.1071998	4.425736	2.263974	1.717465
Stddev	.014001	.28191	.002753	.0002066	.082030	.014239	.003277
%RSD	.1614096	.5735273	.2155838	.1927578	1.853475	.6289390	.1908155

#1	8.686622	48.86406	1.273870	.1069708	4.506462	2.247545	1.721114
#2	8.659145	49.16980	1.279093	.1073723	4.428285	2.272747	1.716506
#3	8.677560	49.42719	1.277991	.1072563	4.342461	2.271630	1.714774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.940371	7.166361	.0493073	-.003449	1.724700	6.455433	-.008406
Stddev	.051141	.038153	.0097943	.000663	.022640	.042518	.006625
%RSD	1.739273	.5323919	19.86379	19.23601	1.312706	.6586455	78.81332

#1	2.991437	7.124328	.0391119	-.002692	1.700201	6.429760	-.006043
#2	2.940522	7.198804	.0586440	-.003726	1.744851	6.432028	-.015890
#3	2.889155	7.175950	.0501660	-.003928	1.729048	6.504511	-.003287

Sample Name: M4074-10 Acquired: 10/12/2021 14:54:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF27S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.243140	.0637540	.2820615
Stddev	.051408	.0003129	.0012384
%RSD	.6236426	.4907325	.4390483

#1	8.194088	.0639887	.2821938
#2	8.238713	.0633988	.2807623
#3	8.296618	.0638745	.2832285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.233	29772.21	6304.690	838.0494	1635.194
Stddev	.978	35.60	29.027	4.0781	1.584
%RSD	.0656134	.1195772	.4603981	.4866125	.0968457

#1	1491.354	29732.83	6321.746	833.4422	1633.413
#2	1489.784	29781.68	6321.148	841.1959	1635.726
#3	1489.560	29802.12	6271.174	839.5101	1636.443

Sample Name: M4074-08LX5 Acquired: 10/12/2021 14:58:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF27L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420621	-.007067	.0056360	.0081171	.0013886	40.93291	.3043771
Stddev	.0023438	.002367	.0010360	.0056515	.0005554	.06441	.0011595
%RSD	5.572236	33.49061	18.38180	69.62466	39.99849	.1573644	.3809543

#1	.0430545	-.004774	.0046039	.0042560	.0013917	40.86577	.3055099
#2	.0393854	-.009501	.0056284	.0054915	.0008316	40.99420	.3031925
#3	.0437465	-.006926	.0066758	.0146038	.0019425	40.93876	.3044289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033370	.0022670	15.02238	.0626562	.0477697	.1622672	120.6275
Stddev	.0000676	.0000842	.04041	.0015261	.0000374	.0017888	.7258
%RSD	2.026662	3.715886	.2689870	2.435652	.0783369	1.102346	.6017107

#1	.0033908	.0022329	15.06402	.0644175	.0477266	.1643131	119.8199
#2	.0032611	.0023629	15.01980	.0617264	.0477885	.1609989	121.2254
#3	.0033591	.0022051	14.98333	.0618247	.0477940	.1614895	120.8371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.874934	10.84091	.0404521	.0040933	.9667728	.2975476	.1915504
Stddev	.000933	.04918	.0006136	.0003680	.2530283	.0005627	.0028435
%RSD	.0497738	.4536539	1.516801	8.989106	26.17247	.1891243	1.484487

#1	1.875857	10.79118	.0400684	.0040450	.7208123	.2971668	.1882719
#2	1.873991	10.84205	.0411597	.0044831	.9531848	.2972821	.1930329
#3	1.874953	10.88952	.0401280	.0037519	1.226321	.2981940	.1933463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6895139	1.489868	.0179169	-.001090	.3068946	1.337159	-.001610
Stddev	.0269051	.002305	.0025683	.000539	.0018680	.010462	.001030
%RSD	3.902031	.1547089	14.33476	49.47741	.6086754	.7823904	63.95574

#1	.7028072	1.488075	.0187390	-.001163	.3089485	1.325299	-.002628
#2	.7071849	1.492468	.0150381	-.000518	.3064383	1.345077	-.001632
#3	.6585496	1.489062	.0199735	-.001588	.3052971	1.341102	-.000569

Sample Name: M4074-08LX5 Acquired: 10/12/2021 14:58:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF27L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.967973	.0146424	.0739080
Stddev	.004032	.0004751	.0007933
%RSD	.2048627	3.244803	1.073411

#1	1.965818	.0146489	.0747648
#2	1.965477	.0141640	.0731989
#3	1.972625	.0151142	.0737602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.698	26932.51	5674.915	763.4761	1712.110
Stddev	3.442	191.89	15.001	6.8343	4.866
%RSD	.2509116	.7124821	.2643301	.8951515	.2841960

#1	1368.964	26749.25	5682.782	759.4148	1707.920
#2	1370.568	27132.00	5657.617	771.3664	1710.964
#3	1375.563	26916.27	5684.346	759.6470	1717.447

Sample Name: M4034-01 Acquired: 10/12/2021 15:02:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142285	-.004740	.3501413	.0300657	.0008646	40.43393	.7467171
Stddev	.0081490	.003196	.0051462	.0069066	.0035260	.15542	.0011304
%RSD	57.27238	67.41301	1.469734	22.97166	407.7974	.3843786	.1513847

#1	.0115780	-.001452	.3518493	.0370262	.0008649	40.55111	.7469904
#2	.0233728	-.004934	.3542164	.0299567	.0043905	40.25763	.7454751
#3	.0077347	-.007835	.3443584	.0232143	-.002661	40.49306	.7476858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092344	.0062819	31.64975	.1135953	.0713555	.1951847	215.8145
Stddev	.0000264	.0000845	.08412	.0009760	.0006239	.0023835	.7085
%RSD	.2862253	1.345819	.2657854	.8591949	.8743000	1.221146	.3283058

#1	.0092479	.0063698	31.74574	.1141297	.0720223	.1950311	216.5469
#2	.0092039	.0062746	31.61459	.1124688	.0712583	.1976413	215.1325
#3	.0092513	.0062011	31.58891	.1141875	.0707860	.1928817	215.7641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.362325	5.425953	.1156612	.0092534	1.007312	.1079409	.6762651
Stddev	.002215	.068163	.0005970	.0002531	.028900	.0013678	.0160317
%RSD	.0937739	1.256241	.5161734	2.735204	2.868990	1.267132	2.370629

#1	2.362105	5.504539	.1152906	.0094213	.980235	.1093253	.6673543
#2	2.360228	5.390458	.1163499	.0093766	1.003958	.1065905	.6666684
#3	2.364642	5.382863	.1153432	.0089623	1.037742	.1079068	.6947727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.035544	6.748240	.0290804	.0007060	5.983753	3.171368	.0411406
Stddev	.055512	.014850	.0010141	.0008282	.007614	.023953	.0032736
%RSD	1.375582	.2200512	3.487088	117.3072	.1272405	.7552927	7.957039

#1	4.083781	6.738532	.0302284	-.000210	5.989697	3.178998	.0374152
#2	4.047984	6.765335	.0287059	.001401	5.986391	3.144529	.0435576
#3	3.974867	6.740854	.0283068	.000927	5.975171	3.190576	.0424489

Sample Name: M4034-01 Acquired: 10/12/2021 15:02:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2877801	.0430221	-.017643
Stddev	.0010511	.0003713	.000514
%RSD	.3652327	.8629841	2.915985

#1	.2889758	.0429352	-.018022
#2	.2873620	.0427020	-.017058
#3	.2870024	.0434291	-.017851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.031	28290.16	5947.026	805.4604	1744.722
Stddev	4.941	293.06	24.974	9.6723	2.969
%RSD	.3474731	1.035900	.4199365	1.200836	.1701748

#1	1417.611	28165.09	5921.213	801.7463	1741.492
#2	1427.366	28625.00	5971.066	816.4393	1745.341
#3	1421.117	28080.39	5948.800	798.1957	1747.332

Sample Name: M4034-02 Acquired: 10/12/2021 15:06:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215148	.0009289	.3265024	.0133237	-.000334	39.59120	.6230424
Stddev	.0050401	.0052028	.0056139	.0061863	.003982	2.18035	.0352484
%RSD	23.42634	560.1042	1.719390	46.43081	1192.543	5.507171	5.657460

#1	.0270856	.0048602	.3317673	.0123314	.004252	40.92118	.6417251
#2	.0201881	-.004971	.3271451	.0076935	-.002332	37.07491	.5823854
#3	.0172708	.002897	.3205949	.0199462	-.002922	40.77750	.6450165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071634	.0051687	23.87647	.0939658	.0861564	.2070906	114.0442
Stddev	.0003638	.0003399	1.28767	.0005118	.0007620	.0115861	6.0135
%RSD	5.079064	6.576768	5.393054	.5446410	.8844665	5.594691	5.272937

#1	.0072172	.0049110	24.56016	.0935285	.0870299	.2138507	118.1741
#2	.0067757	.0055540	22.39116	.0945287	.0856282	.1937124	107.1450
#3	.0074973	.0050412	24.67811	.0938402	.0858109	.2137087	116.8135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.957713	6.763374	.1713666	.0049657	.7641432	.0921094	1.065676
Stddev	.216779	.342004	.0009889	.0001996	.0381052	.0064958	.011904
%RSD	5.477384	5.056714	.5770566	4.019871	4.986662	7.052246	1.117038

#1	4.063643	6.996322	.1724522	.0050352	.7903635	.0966657	1.060822
#2	3.708337	6.370732	.1711301	.0047406	.7816335	.0846713	1.056966
#3	4.101159	6.923067	.1705173	.0051213	.7204327	.0949912	1.079240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108423	5.452460	.0242516	.0021649	6.397324	3.533129	.0390048
Stddev	.242194	.017674	.0032389	.0006778	.004786	.135432	.0028074
%RSD	7.791548	.3241459	13.35529	31.30824	.0748076	3.833212	7.197619

#1	3.248746	5.443849	.0276886	.0025117	6.395218	3.625505	.0404409
#2	2.828761	5.440742	.0212562	.0025992	6.402802	3.377662	.0357698
#3	3.247760	5.472789	.0238099	.0013839	6.393953	3.596220	.0408037

Sample Name: M4034-02 Acquired: 10/12/2021 15:06:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00Q9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2242956	.0655560	.0548188
Stddev	.0104039	.0027718	.0038422
%RSD	4.638477	4.228120	7.008918

#1	.2297209	.0669364	.0563047
#2	.2123004	.0623651	.0504556
#3	.2308654	.0673666	.0576962

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.997	28067.94	6050.952	799.9654	1749.694
Stddev	1.089	107.39	289.735	2.7988	3.150
%RSD	.0766724	.3826056	4.788252	.3498594	.1800561

#1	1420.875	28033.84	5866.740	798.9714	1750.077
#2	1420.339	28188.24	6384.916	803.1254	1752.636
#3	1418.779	27981.74	5901.198	797.7992	1746.370

Sample Name: CCV051 Acquired: 10/12/2021 15:10:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.896267	4.911009	25.03985	4.947765	4.918661	406.6245	10.19471
Stddev	.021387	.008203	.02298	.018802	.018874	.2961	.02840
%RSD	.4368115	.1670228	.0917826	.3800040	.3837272	.0728261	.2786184

#1	4.911931	4.913794	25.06525	4.934310	4.906347	406.8615	10.20512
#2	4.871900	4.901776	25.02050	4.939738	4.909244	406.2925	10.21644
#3	4.904970	4.917456	25.03381	4.969248	4.940390	406.7195	10.16257

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4979046	2.511274	408.7996	15.43323	2.531637	15.07270	407.1176
Stddev	.0033921	.005078	1.0001	.01643	.003193	.01084	1.3842
%RSD	.6812653	.2021990	.2446497	.1064496	.1261308	.0719353	.3400103

#1	.5008613	2.517104	408.9685	15.44487	2.532004	15.08520	407.4075
#2	.4986508	2.507819	409.7045	15.41444	2.528277	15.06583	405.6114
#3	.4942015	2.508899	407.7257	15.44038	2.534632	15.06708	408.3340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.86461	398.3295	2.481125	1.296823	403.8210	2.502135	14.87375
Stddev	.05490	1.9118	.003601	.001507	.7389	.002456	.12515
%RSD	.3693662	.4799592	.1451521	.1161978	.1829848	.0981519	.8414287

#1	14.86122	397.5535	2.485024	1.295659	404.3213	2.504078	14.85792
#2	14.92113	396.9277	2.477924	1.298525	402.9723	2.502952	14.75726
#3	14.81147	400.5073	2.480426	1.296285	404.1695	2.499374	15.00606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.9264	5.156192	4.923428	4.942661	5.138292	4.837152	5.070654
Stddev	.2189	.018984	.029877	.017670	.002208	.021040	.005510
%RSD	.1450444	.3681845	.6068403	.3575055	.0429778	.4349614	.1086688

#1	150.6794	5.172312	4.946451	4.947076	5.136258	4.859585	5.065124
#2	151.0966	5.135267	4.934169	4.923202	5.137977	4.834015	5.076144
#3	151.0032	5.160997	4.889666	4.957705	5.140641	4.817858	5.070696

Sample Name: CCV051 Acquired: 10/12/2021 15:10:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.973958	5.039558	4.795706
Stddev	.009591	.004663	.023834
%RSD	.1928311	.0925181	.4969767

#1	4.983820	5.042062	4.785151
#2	4.964663	5.042433	4.778972
#3	4.973390	5.034178	4.822994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.562	24145.58	5268.128	637.1038	1397.800
Stddev	3.801	93.11	3.023	2.1758	2.450
%RSD	.3303950	.3856036	.0573734	.3415212	.1752859

#1	1148.696	24171.00	5270.523	637.6108	1395.067
#2	1154.935	24223.34	5264.732	638.9813	1399.800
#3	1148.054	24042.41	5269.128	634.7192	1398.532

Sample Name: CCB051 Acquired: 10/12/2021 15:14:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006895	.0011264	.0036511	.0026063	.0012871	.0038629
Stddev	.001836	.0026037	.0019289	.0040428	.0015300	.0090233
%RSD	26.63634	231.1583	52.82980	155.1183	118.8725	233.5890

#1	-.006763	.0031268	.0035998	.0065591	.0004217	-.001319
#2	-.008793	.0020700	.0017484	-.001521	.0030537	.014282
#3	-.005127	-.001818	.0056051	.002781	.0003859	-.001374

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001537	.0000487	-.000004	.0060184	.0004246	-.000041
Stddev	.0004008	.0001160	.000086	.0079336	.0005089	.000334
%RSD	260.7062	238.2413	2224.684	131.8214	119.8494	811.9618

#1	-.000306	.0001558	.000077	.0094466	.0002668	-.000292
#2	.000336	-.000074	.000005	.0116615	.0000133	.000338
#3	.000431	.000065	-.000094	-.003053	.0009938	-.000169

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000848	.0196709	.0003684	-.012217	-.000052	.0009487
Stddev	.002417	.0100682	.0005480	.019084	.000112	.0002910
%RSD	284.8773	51.18309	148.7719	156.2138	215.2538	30.67240

#1	.000389	.0156023	.0009539	-.028807	.000066	.0006484
#2	.000699	.0311368	-.000132	.008640	-.000064	.0012294
#3	-.003634	.0122738	.000283	-.016484	-.000158	.0009683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193352	.0019544	-.001881	.0827418	-.003679	F .0100864
Stddev	.144905	.0024298	.001392	.0713074	.001440	.0013613
%RSD	74.94373	124.3246	74.00475	86.18067	39.12390	13.49680

#1	-.045545	.0018442	-.001778	.0163389	-.002631	.0086570
#2	-.199342	.0044374	-.000543	.0737799	-.003087	.0113676
#3	-.335169	-.000418	-.003322	.1581065	-.005321	.0102346

Sample Name: CCB051 Acquired: 10/12/2021 15:14:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000337	-.014445	.0113187	-.000288	.0008571	.0015535
Stddev	.000306	.003817	.0020367	.003390	.0006515	.0012240
%RSD	90.75621	26.42332	17.99369	1176.280	76.02201	78.78719

#1	-.000590	-.017217	.0128519	-.003308	.0016073	.0001413
#2	.000003	-.010092	.0120964	-.000934	.0005310	.0023085
#3	-.000425	-.016027	.0090078	.003378	.0004329	.0022108

Elem	Sr4077
Units	ppm
Avg	-.000067
Stddev	.000015
%RSD	22.78276

#1	-.000054
#2	-.000083
#3	-.000062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1323.408	25966.63	5442.543	738.4695	1713.744
Stddev	1.102	108.46	19.171	4.6309	3.605
%RSD	.0832443	.4176895	.3522401	.6270971	.2103802

#1	1324.008	25844.71	5464.242	733.2437	1710.087
#2	1324.081	26052.38	5427.902	740.1009	1717.295
#3	1322.137	26002.82	5435.486	742.0640	1713.852

Sample Name: M4034-06 Acquired: 10/12/2021 15:19:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253104	-.000215	.2560540	.0145853	.0019079	30.70740	.4473057
Stddev	.0063975	.000850	.0021334	.0042564	.0025596	.08686	.0008843
%RSD	25.27633	395.7580	.8331928	29.18260	134.1563	.2828523	.1977034

#1	.0211887	-.000628	.2554236	.0185403	-.000700	30.77088	.4471230
#2	.0326804	.000763	.2584316	.0151347	.004416	30.74290	.4482671
#3	.0220621	-.000779	.2543068	.0100809	.002008	30.60842	.4465270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054810	.0037072	17.93003	.0676643	.0586358	.1541503	90.64043
Stddev	.0001101	.0000353	.01792	.0002777	.0006178	.0032736	.22603
%RSD	2.008008	.9520396	.0999295	.4103530	1.053625	2.123667	.2493727

#1	.0055981	.0036988	17.94131	.0678526	.0580093	.1571230	90.87512
#2	.0053797	.0036768	17.90937	.0677949	.0586537	.1546861	90.62199
#3	.0054651	.0037459	17.93941	.0673454	.0592445	.1506418	90.42418

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.302927	6.327218	.1341730	.0036526	.3802125	.0689939	.7486474
Stddev	.008446	.054867	.0012537	.0003061	.4632918	.0009399	.0049780
%RSD	.2557118	.8671601	.9343911	8.381278	121.8508	1.362223	.6649281

#1	3.301747	6.382559	.1327908	.0037599	.5948754	.0681726	.7428994
#2	3.311901	6.326259	.1352369	.0038908	.6972384	.0687901	.7515439
#3	3.295133	6.272838	.1344912	.0033073	-.151476	.0700189	.7514989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.960316	2.984341	.0254196	.0009046	5.133402	2.833582	.0260474
Stddev	.051513	.027154	.0018981	.0002079	.024231	.005307	.0019160
%RSD	1.740104	.9098666	7.466999	22.97896	.4720243	.1873062	7.355760

#1	3.010509	2.953522	.0275123	.0007363	5.106355	2.838757	.0278133
#2	2.962863	3.004745	.0238091	.0008406	5.140724	2.833838	.0240103
#3	2.907578	2.994756	.0249374	.0011370	5.153128	2.828152	.0263187

Sample Name: M4034-06 Acquired: 10/12/2021 15:19:02 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1978986	.0637153	.0532598
Stddev	.0010758	.0006493	.0006160
%RSD	.5436093	1.019057	1.156530

#1	.1991306	.0644123	.0525963
#2	.1974201	.0636058	.0538135
#3	.1971450	.0631276	.0533694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.621	27690.35	5882.738	789.5963	1758.306
Stddev	.487	94.52	2.019	4.2137	1.582
%RSD	.0345238	.3413327	.0343239	.5336578	.0899892

#1	1411.296	27721.77	5884.760	792.8732	1756.534
#2	1412.181	27765.16	5882.734	791.0727	1759.576
#3	1411.385	27584.13	5880.722	784.8430	1758.810

Sample Name: M4034-07 Acquired: 10/12/2021 15:23:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396922	.0024786	.1963370	.0113996	.0011880	25.31245	.4465376
Stddev	.0038387	.0027520	.0022668	.0020963	.0014719	.17515	.0020711
%RSD	9.671252	111.0306	1.154521	18.38908	123.8957	.6919631	.4638057

#1	.0436210	-.000659	.1962609	.0129111	.0028065	25.11867	.4444177
#2	.0395053	.003613	.1986409	.0090065	.0008282	25.45949	.4485561
#3	.0359504	.004482	.1941093	.0122813	-.000071	25.35919	.4466390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082567	.0029690	26.33049	.0600554	.0692109	.1475842	85.43073
Stddev	.0000479	.0001754	.14204	.0004616	.0004768	.0032253	.83085
%RSD	.5800011	5.907610	.5394477	.7686171	.6889508	2.185408	.9725400

#1	.0083112	.0027792	26.18890	.0596007	.0688506	.1438601	84.50969
#2	.0082373	.0030026	26.47297	.0605236	.0697516	.1494748	86.12378
#3	.0082216	.0031251	26.32961	.0600421	.0690304	.1494177	85.65871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.701723	5.390967	.1074392	.0037510	1.364737	.0660993	.4304159
Stddev	.008469	.095124	.0006574	.0002624	.089093	.0022187	.0054047
%RSD	.4976714	1.764513	.6118366	6.996460	6.528203	3.356628	1.255705

#1	1.693169	5.284880	.1066919	.0034491	1.266425	.0652231	.4291613
#2	1.710104	5.468664	.1076976	.0038791	1.440134	.0686224	.4363376
#3	1.701897	5.419357	.1079281	.0039247	1.387651	.0644526	.4257488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.703105	1.510231	.0402407	.0015315	6.215035	3.032639	.0200083
Stddev	.073165	.010565	.0004813	.0002579	.024634	.016917	.0018570
%RSD	1.975766	.6995692	1.196038	16.83716	.3963542	.5578249	9.281075

#1	3.630188	1.511623	.0399593	.0014387	6.206407	3.013565	.0208915
#2	3.702610	1.520032	.0407964	.0018230	6.242823	3.038525	.0178746
#3	3.776515	1.499039	.0399663	.0013329	6.195877	3.045827	.0212589

Sample Name: M4034-07 Acquired: 10/12/2021 15:23:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2988861	.0469416	.1142005
Stddev	.0048793	.0002031	.0002173
%RSD	1.632482	.4326017	.1902380

#1	.2967313	.0469136	.1139829
#2	.3044718	.0471573	.1144174
#3	.2954552	.0467540	.1142011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.871	27840.28	5889.086	792.9808	1760.370
Stddev	8.505	47.95	35.882	2.5916	7.597
%RSD	.6028375	.1722288	.6093037	.3268130	.4315674

#1	1407.750	27805.80	5928.216	792.0234	1757.670
#2	1404.367	27820.02	5881.318	791.0041	1754.491
#3	1420.496	27895.04	5857.724	795.9148	1768.948

Sample Name: M4034-08 Acquired: 10/12/2021 15:27:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334568	.0009051	.1924981	.0135745	-.000170	26.76564	.4233408
Stddev	.0028261	.0004952	.0017820	.0012286	.001311	.21982	.0029058
%RSD	8.446948	54.70762	.9257135	9.050999	771.0619	.8212776	.6863921

#1	.0341180	.0014672	.1937157	.0124708	.000438	26.68830	.4212754
#2	.0358936	.0007151	.1904528	.0133543	.000727	27.01368	.4266636
#3	.0303587	.0005331	.1933257	.0148983	-.001674	26.59494	.4220836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078470	.0032246	24.63950	.0629298	.0476590	.1392624	83.09879
Stddev	.0001202	.0001635	.14833	.0010139	.0002682	.0015698	.91634
%RSD	1.532191	5.070610	.6019936	1.611122	.5626657	1.127255	1.102708

#1	.0077276	.0034042	24.62553	.0640412	.0475935	.1374627	82.73765
#2	.0079681	.0031853	24.79432	.0620553	.0474297	.1399745	84.14067
#3	.0078453	.0030844	24.49865	.0626930	.0479538	.1403499	82.41805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.317725	6.686951	.1068512	.0034363	.8735731	.0661201	.3897547
Stddev	.009515	.057838	.0011878	.0005020	.0642332	.0012798	.0008975
%RSD	.7220797	.8649311	1.111643	14.60958	7.352925	1.935606	.2302810

#1	1.310110	6.665650	.1077134	.0039694	.7994251	.0661322	.3898328
#2	1.328392	6.752418	.1054964	.0029724	.9090788	.0648343	.3906107
#3	1.314674	6.642785	.1073439	.0033672	.9122154	.0673939	.3888207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.375939	1.473753	.0239493	.0014157	5.650551	3.103282	.0524570
Stddev	.084281	.005207	.0029464	.0004674	.023859	.018471	.0023053
%RSD	2.496527	.3533395	12.30274	33.01402	.4222448	.5952144	4.394636

#1	3.308669	1.474478	.0218193	.0009027	5.676395	3.123544	.0499404
#2	3.470479	1.478560	.0273118	.0018174	5.629362	3.098920	.0529641
#3	3.348670	1.468221	.0227167	.0015269	5.645897	3.087383	.0544666

Sample Name: M4034-08 Acquired: 10/12/2021 15:27:10 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3382002	.0498874	.1055629
Stddev	.0096194	.0015432	.0010314
%RSD	2.844284	3.093437	.9770983

#1	.3486651	.0488258	.1047250
#2	.3361922	.0516576	.1067149
#3	.3297433	.0491787	.1052488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1433.047	28090.03	5939.643	796.9168	1777.392
Stddev	4.891	393.82	37.696	12.1384	8.451
%RSD	.3413299	1.401992	.6346491	1.523166	.4754642

#1	1431.304	28033.00	5960.602	796.4674	1769.796
#2	1438.571	28509.25	5896.126	809.2736	1786.495
#3	1429.265	27727.83	5962.202	785.0093	1775.886

Sample Name: M4034-09 Acquired: 10/12/2021 15:31:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330057	.0050537	.1865490	.0197022	.0025996	35.76932	.4345510
Stddev	.0077623	.0018036	.0020709	.0017741	.0007029	.58646	.0069527
%RSD	23.51791	35.68939	1.110130	9.004549	27.03670	1.639560	1.599980

#1	.0249146	.0046324	.1871014	.0177352	.0018241	35.26557	.4282921
#2	.0337116	.0070307	.1882878	.0201902	.0031946	35.62926	.4333262
#3	.0403909	.0034981	.1842579	.0211812	.0027802	36.41313	.4420347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076881	.0058408	78.64535	.0899238	.0711735	.2067460	195.4547
Stddev	.0000348	.0000848	1.36271	.0008442	.0003164	.0049475	3.3673
%RSD	.4527723	1.451960	1.732732	.9387383	.4445927	2.393044	1.722819

#1	.0076967	.0058888	77.51003	.0890099	.0711124	.2016128	192.1820
#2	.0077179	.0057428	78.26947	.0900872	.0708921	.2071410	195.2730
#3	.0076498	.0058906	80.15655	.0906743	.0715160	.2114842	198.9093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.386202	13.07027	.1318747	.0069983	1.298172	.0842190	.6661400
Stddev	.062011	.22628	.0007295	.0003704	.195812	.0027613	.0137097
%RSD	1.831293	1.731221	.5531924	5.292334	15.08369	3.278763	2.058078

#1	3.328640	12.84705	.1324180	.0068485	1.095779	.0845031	.6516005
#2	3.378100	13.06429	.1310455	.0067264	1.312075	.0813267	.6788326
#3	3.451866	13.29948	.1321605	.0074202	1.486663	.0868274	.6679871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.754615	3.802764	.0166050	.0009187	2.599824	2.121135	.0282405
Stddev	.149607	.014963	.0047386	.0006245	.011279	.031559	.0010662
%RSD	3.146568	.3934744	28.53706	67.96954	.4338475	1.487816	3.775481

#1	4.602685	3.809509	.0111480	.0002550	2.588256	2.093132	.0278735
#2	4.759374	3.785616	.0189869	.0010067	2.600428	2.114941	.0294418
#3	4.901786	3.813168	.0196801	.0014946	2.610790	2.155331	.0274063

Sample Name: M4034-09 Acquired: 10/12/2021 15:31:16 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1766372	.0580590	.0008719
Stddev	.0021413	.0021073	.0001858
%RSD	1.212245	3.629561	21.30403

#1	.1746725	.0569871	.0007853
#2	.1763197	.0567032	.0007453
#3	.1789196	.0604868	.0010852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.779	27777.50	5936.597	789.1778	1717.511
Stddev	3.518	372.25	103.241	11.7228	1.398
%RSD	.2529618	1.340116	1.739068	1.485440	.0813703

#1	1390.669	28176.88	6017.849	802.5661	1716.226
#2	1387.316	27715.45	5971.519	784.2126	1718.999
#3	1394.350	27440.18	5820.424	780.7548	1717.308

Sample Name: M4034-10 Acquired: 10/12/2021 15:35:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477472	.0046072	.3339850	.0291680	.0049394	43.45081	.6440518
Stddev	.0064737	.0036244	.0021680	.0042268	.0040043	1.15498	.0150347
%RSD	13.55836	78.66833	.6491226	14.49138	81.06951	2.658143	2.334390

#1	.0550126	.0074884	.3314959	.0340084	.0004324	44.67690	.6602531
#2	.0425915	.0057954	.3354603	.0262054	.0062982	43.29221	.6413528
#3	.0456376	.0005378	.3349989	.0272902	.0080874	42.38333	.6305494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111107	.0105635	96.17788	.1462835	.1252419	.2217267	352.8801
Stddev	.0000981	.0007738	2.48154	.0106811	.0027484	.0086971	9.6440
%RSD	.8831379	7.325065	2.580156	7.301615	2.194444	3.922457	2.732937

#1	.0111349	.0096704	98.73013	.1356793	.1221699	.2307410	362.9399
#2	.0111945	.0109856	96.02983	.1570398	.1274676	.2210531	351.9862
#3	.0110027	.0110344	93.77368	.1461315	.1260882	.2133859	343.7141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.568763	22.98214	.2218427	.0112975	1.733672	.1108385	1.060475
Stddev	.189617	.54891	.0043954	.0018913	.078143	.0042194	.046932
%RSD	2.505261	2.388410	1.981300	16.74120	4.507384	3.806833	4.425543

#1	7.765239	23.57457	.2173630	.0134570	1.809923	.1155066	1.011916
#2	7.554204	22.88104	.2261486	.0099358	1.737328	.1097127	1.105589
#3	7.386844	22.49081	.2220166	.0104996	1.653765	.1072961	1.063920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.520380	5.784505	.0278771	.0327305	5.876434	2.596059	.1232044
Stddev	.187752	.099796	.0131871	.0006429	.101857	.047009	.0041682
%RSD	3.401071	1.725238	47.30424	1.964131	1.733313	1.810772	3.383133

#1	5.729891	5.682690	.0430884	.0320296	5.761930	2.635539	.1190435
#2	5.463893	5.882152	.0208717	.0332928	5.956954	2.608582	.1273798
#3	5.367357	5.788673	.0196712	.0328690	5.910418	2.544057	.1231899

Sample Name: M4034-10 Acquired: 10/12/2021 15:35:19 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1997664	.0694599	-.105324
Stddev	.0070038	.0031519	.003147
%RSD	3.505987	4.537663	2.987818

#1	.2075065	.0727302	-.108740
#2	.1979266	.0692080	-.104690
#3	.1938662	.0664416	-.102542

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.542	28111.10	6001.050	793.5104	1689.514
Stddev	21.879	1362.75	132.889	41.0462	27.409
%RSD	1.579122	4.847720	2.214431	5.172742	1.622278

#1	1409.777	29435.30	5863.755	835.8353	1717.802
#2	1367.244	26712.83	6010.350	753.8751	1663.078
#3	1379.604	28185.19	6129.045	790.8209	1687.663

Sample Name: M4034-11 Acquired: 10/12/2021 15:39:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899384	.0000310	.3368878	.0242904	.0081737	33.74443	.5811470
Stddev	.0067278	.0046671	.0102886	.0029339	.0031523	1.06395	.0165984
%RSD	7.480484	15071.18	3.054019	12.07835	38.56633	3.152954	2.856142

#1	.0945967	-.003244	.3410827	.0263805	.0068876	33.85489	.5824488
#2	.0929934	-.002038	.3251645	.0209364	.0058678	32.62956	.5639361
#3	.0822251	.005375	.3444163	.0255544	.0117657	34.74883	.5970562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103292	.0072724	41.12296	.1011501	.0648972	.3102897	212.1136
Stddev	.0002432	.0001912	1.19143	.0052387	.0026123	.0090801	7.5551
%RSD	2.354666	2.629089	2.897243	5.179126	4.025363	2.926324	3.561813

#1	.0104946	.0074130	41.21537	.0999392	.0655936	.3127237	213.1108
#2	.0100499	.0070547	39.88801	.1068882	.0620072	.3002407	204.1095
#3	.0104430	.0073496	42.26549	.0966228	.0670907	.3179047	219.1207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.387316	11.31244	.1429099	.0078288	1.234184	.0932509	.6903104
Stddev	.076698	.30718	.0057622	.0013068	.162902	.0027008	.0235723
%RSD	3.212749	2.715411	4.032054	16.69273	13.19919	2.896290	3.414745

#1	2.394106	11.38187	.1449814	.0079915	1.046081	.0901800	.6871292
#2	2.307448	10.97649	.1363983	.0064482	1.327891	.0952569	.7153118
#3	2.460393	11.57896	.1473500	.0090466	1.328580	.0943158	.6684902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.583360	2.137271	.0344006	.0029780	8.462457	9.651495	.0368158
Stddev	.179009	.085022	.0073095	.0006781	.290403	.284478	.0011100
%RSD	3.905633	3.978042	21.24827	22.77246	3.431667	2.947500	3.015103

#1	4.660768	2.167944	.0323974	.0033228	8.580804	9.721620	.0366755
#2	4.378673	2.041169	.0283014	.0021967	8.131567	9.338512	.0357826
#3	4.710639	2.202700	.0425028	.0034144	8.674999	9.894352	.0379893

Sample Name: M4034-11 Acquired: 10/12/2021 15:39:23 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3856741	.0628617	.0242903
Stddev	.0095625	.0021453	.0002718
%RSD	2.479421	3.412665	1.119019

#1	.3851431	.0631191	.0245139
#2	.3763882	.0605993	.0239878
#3	.3954911	.0648665	.0243694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.078	27278.33	5817.140	771.0775	1691.728
Stddev	39.876	999.06	174.266	27.1490	55.008
%RSD	2.908402	3.662451	2.995735	3.520923	3.251576

#1	1353.866	27386.86	5778.291	772.4552	1667.959
#2	1416.670	26229.44	6007.552	743.2658	1754.623
#3	1342.698	28218.69	5665.577	797.5115	1652.601

Sample Name: M4034-12 Acquired: 10/12/2021 15:43:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385999	.0076585	.2892593	.0190807	.0008579	38.91892	.7250310
Stddev	.0005006	.0053802	.0047286	.0044848	.0018671	.53129	.0099922
%RSD	1.296956	70.25110	1.634727	23.50438	217.6292	1.365110	1.378177

#1	.0391741	.0056299	.2910153	.0231687	.0029598	38.31584	.7135485
#2	.0382549	.0137580	.2928588	.0142836	.0002222	39.12307	.7317510
#3	.0383708	.0035874	.2839040	.0197899	-.000608	39.31786	.7297936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126162	.0066211	21.26589	.0741582	.1257373	.2783270	108.0454
Stddev	.0000842	.0002240	.26193	.0001558	.0003669	.0050305	1.5178
%RSD	.6676315	3.382336	1.231701	.2100947	.2917682	1.807399	1.404735

#1	.0125235	.0067817	20.96556	.0742799	.1256303	.2727721	106.3489
#2	.0126370	.0063653	21.38507	.0742122	.1261457	.2825752	108.5127
#3	.0126881	.0067164	21.44705	.0739826	.1254358	.2796336	109.2745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.137641	5.371322	.3122955	.0041625	.5859099	.0976573	1.140437
Stddev	.026536	.031462	.0009168	.0003020	.3405647	.0015152	.006352
%RSD	1.241364	.5857484	.2935545	7.254745	58.12579	1.551530	.5569505

#1	2.107078	5.336663	.3128980	.0040105	.6889173	.0978422	1.133198
#2	2.154816	5.379221	.3127481	.0039667	.8630799	.0960581	1.143038
#3	2.151030	5.398082	.3112405	.0045103	.2057324	.0990715	1.145075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.079830	3.360339	.0221780	.0030316	7.295742	2.895602	.0250164
Stddev	.041254	.028002	.0012739	.0003066	.043315	.050885	.0029041
%RSD	1.011175	.8332961	5.744189	10.11325	.5937090	1.757327	11.60863

#1	4.042099	3.340807	.0232728	.0031098	7.286393	2.837403	.0278390
#2	4.123879	3.392420	.0207797	.0026935	7.257864	2.917706	.0251729
#3	4.073512	3.347791	.0224814	.0032915	7.342968	2.931698	.0220372

Sample Name: M4034-12 Acquired: 10/12/2021 15:43:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2703009	.0646117	.1286093
Stddev	.0047792	.0025017	.0012031
%RSD	1.768122	3.871913	.9354655

#1	.2651231	.0617394	.1272203
#2	.2745434	.0657809	.1292840
#3	.2712361	.0663147	.1293237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.984	28257.67	5965.371	806.0637	1751.695
Stddev	.332	31.47	72.570	3.6075	3.480
%RSD	.0231243	.1113602	1.216522	.4475411	.1986827

#1	1435.605	28254.76	6041.797	807.0378	1750.260
#2	1436.123	28290.49	5956.917	809.0840	1749.161
#3	1436.223	28227.76	5897.397	802.0692	1755.663

Sample Name: M4034-13 Acquired: 10/12/2021 15:47:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531849	.0047254	.2235151	.0166209	.0053151	45.41255	.5138336
Stddev	.0053716	.0069786	.0024295	.0044954	.0028714	.35292	.0006708
%RSD	10.09977	147.6829	1.086969	27.04677	54.02289	.7771418	.1305431

#1	.0539925	.0031890	.2222061	.0128149	.0054747	45.00927	.5145940
#2	.0474553	.0123441	.2220208	.0154669	.0081034	45.66496	.5135808
#3	.0581069	-.001357	.2263185	.0215808	.0023673	45.56341	.5133259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092920	.0046555	23.69569	.0867110	.0875756	.1636066	166.3867
Stddev	.0001632	.0000771	.04683	.0016903	.0002921	.0007338	2.3182
%RSD	1.756748	1.655047	.1976229	1.949381	.3335681	.4485373	1.393260

#1	.0091191	.0046599	23.71782	.0855878	.0874240	.1633613	163.9072
#2	.0093135	.0047302	23.64190	.0858901	.0873905	.1630268	168.5001
#3	.0094434	.0045763	23.72735	.0886550	.0879124	.1644317	166.7528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.418067	5.490071	.1653625	.0060416	.7084911	.1276047	.4371842
Stddev	.005930	.102325	.0016562	.0003630	.1533165	.0010745	.0153013
%RSD	.4182019	1.863811	1.001534	6.008857	21.63987	.8420851	3.499960

#1	1.424173	5.375852	.1636990	.0059952	.7443036	.1279642	.4323403
#2	1.417699	5.573368	.1670113	.0064256	.5404380	.1263965	.4248911
#3	1.412330	5.520992	.1653773	.0057039	.8407316	.1284534	.4543211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.815739	1.561322	.0170134	.0025086	3.655836	3.083576	.0189675
Stddev	.053664	.011086	.0054793	.0009553	.014380	.019332	.0010015
%RSD	1.114355	.7100541	32.20564	38.08178	.3933360	.6269359	5.280379

#1	4.812317	1.549397	.0115694	.0033402	3.640781	3.076721	.0200428
#2	4.871032	1.571316	.0169436	.0014651	3.669428	3.105402	.0180613
#3	4.763867	1.563253	.0225273	.0027203	3.657298	3.068606	.0187983

Sample Name: M4034-13 Acquired: 10/12/2021 15:47:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00R8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2739775	.0663577	.0162247
Stddev	.0025146	.0003366	.0015181
%RSD	.9178129	.5071775	9.356483

#1	.2718959	.0663845	.0179306
#2	.2767714	.0666800	.0150224
#3	.2732652	.0660085	.0157213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.644	27971.70	5954.753	795.7063	1756.731
Stddev	6.213	444.30	47.986	19.1833	5.027
%RSD	.4343079	1.588383	.8058392	2.410857	.2861405

#1	1437.562	28208.40	5996.509	806.3604	1761.973
#2	1425.537	28247.53	5902.332	807.1980	1751.952
#3	1428.835	27459.17	5965.419	773.5606	1756.267

Sample Name: M4034-14 Acquired: 10/12/2021 15:51:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298349	.0028772	.4588221	.0405205	.0103064	39.30006	.7479701
Stddev	.0118795	.0047660	.0037125	.0106620	.0024996	.22037	.0051398
%RSD	39.81749	165.6469	.8091259	26.31249	24.25286	.5607299	.6871683

#1	.0248500	.0002277	.4547677	.0521139	.0121094	39.54403	.7536528
#2	.0433946	.0083792	.4620550	.0383117	.0074530	39.11545	.7436463
#3	.0212600	.0000247	.4596436	.0311359	.0113568	39.24072	.7466111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203916	.0137803	8.216584	.1280629	.0855567	.3886830	494.5328
Stddev	.0002474	.0004677	.050660	.0005034	.0005474	.0048888	1.9677
%RSD	1.213251	3.393751	.6165625	.3930590	.6398112	1.257775	.3978972

#1	.0205713	.0133811	8.255631	.1283259	.0857651	.3930697	496.7809
#2	.0204940	.0142948	8.159338	.1283803	.0849357	.3834127	493.6942
#3	.0201094	.0136649	8.234782	.1274825	.0859693	.3895665	493.1232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.318401	6.833591	.4095894	.0163512	2.336456	.1134314	1.998196
Stddev	.034050	.034795	.0023673	.0005375	.088793	.0009987	.010278
%RSD	1.026085	.5091737	.5779770	3.287261	3.800319	.8804036	.5143639

#1	3.357698	6.793739	.4122960	.0158188	2.438880	.1127888	1.990883
#2	3.299849	6.857937	.4079049	.0168937	2.289272	.1145819	2.009947
#3	3.297656	6.849097	.4085671	.0163412	2.281216	.1129235	1.993757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.989353	4.058544	.0415789	.0040991	2.692616	3.180129	.2704605
Stddev	.022643	.008456	.0041309	.0006030	.012043	.038805	.0022430
%RSD	.4538176	.2083591	9.935152	14.70965	.4472697	1.220234	.8293160

#1	4.963476	4.053026	.0368146	.0037429	2.687886	3.224883	.2702165
#2	4.999058	4.054326	.0437602	.0037591	2.706306	3.159649	.2683494
#3	5.005526	4.068280	.0441620	.0047953	2.683655	3.155854	.2728155

Sample Name: M4034-14 Acquired: 10/12/2021 15:51:36 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00S5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2519917	.0459816	-.334186
Stddev	.0013047	.0007072	.000884
%RSD	.5177656	1.538086	.2644162

#1	.2534293	.0451882	-.335038
#2	.2508828	.0462105	-.334246
#3	.2516629	.0465460	-.333274

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.822	27748.81	5905.902	786.4231	1708.552
Stddev	3.259	46.95	52.629	3.7559	2.388
%RSD	.2309845	.1692044	.8911253	.4775957	.1397623

#1	1411.379	27801.36	5847.231	790.6772	1705.806
#2	1407.320	27711.00	5948.952	783.5653	1709.712
#3	1413.766	27734.06	5921.524	785.0268	1710.139

Sample Name: M4034-15 Acquired: 10/12/2021 15:55:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950594	.0055819	.5013386	.0523810	.0095867	58.17033	1.091564
Stddev	.0398053	.0021651	.0080161	.0066314	.0043691	.38951	.013501
%RSD	41.87416	38.78866	1.598941	12.65995	45.57435	.6696035	1.236805

#1	.0764311	.0033526	.5090212	.0559879	.0072000	57.90274	1.085117
#2	.1407631	.0057164	.4930262	.0564272	.0146294	57.99106	1.082496
#3	.0679839	.0076766	.5019683	.0447279	.0069309	58.61720	1.107080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243072	.0194772	11.27723	.4339181	.1295343	.4930580	618.3402
Stddev	.0002512	.0005053	.09592	.0124310	.0017910	.0030124	1.5433
%RSD	1.033487	2.594127	.8505767	2.864814	1.382630	.6109718	.2495847

#1	.0241286	.0200602	11.25035	.4365324	.1310406	.4901430	616.6507
#2	.0241986	.0192044	11.19762	.4203880	.1275540	.4928717	618.6942
#3	.0245945	.0191670	11.38373	.4448340	.1300084	.4961593	619.6757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876317	11.43559	.6027220	.0202221	2.581006	.2857106	2.696935
Stddev	.052957	.06195	.0060027	.0006643	.246502	.0011895	.048489
%RSD	1.086001	.5417202	.9959352	3.285035	9.550620	.4163135	1.797937

#1	4.861524	11.40492	.6061223	.0201853	2.297493	.2852351	2.698384
#2	4.832329	11.39495	.5957911	.0209040	2.700890	.2848324	2.647738
#3	4.935097	11.50689	.6062527	.0195770	2.744636	.2870642	2.744684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.839474	5.583611	.0342462	.0050325	2.531946	3.499676	.1870913
Stddev	.071195	.090697	.0161360	.0012352	.025081	.047113	.0043511
%RSD	1.219198	1.624350	47.11762	24.54501	.9905900	1.346204	2.325643

#1	5.757311	5.670981	.0327073	.0037191	2.560616	3.500447	.1901334
#2	5.882936	5.489917	.0510966	.0052075	2.521158	3.452183	.1821074
#3	5.878175	5.589934	.0189349	.0061708	2.514064	3.546399	.1890330

Sample Name: M4034-15 Acquired: 10/12/2021 15:55:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3416073	.0693363	-.417700
Stddev	.0043922	.0009932	.001438
%RSD	1.285741	1.432408	.3442331

#1	.3387609	.0688982	-.416410
#2	.3393954	.0686375	-.419250
#3	.3466657	.0704732	-.417439

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.825	28367.25	6033.243	798.9603	1696.412
Stddev	13.897	632.86	27.576	17.7978	15.131
%RSD	.9760545	2.230956	.4570670	2.227618	.8919252

#1	1408.526	28164.89	6029.614	794.9997	1683.429
#2	1435.667	29076.54	6062.453	818.4047	1713.029
#3	1427.283	27860.32	6007.661	783.4764	1692.780

Sample Name: M4034-16 Acquired: 10/12/2021 15:59:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259709	.0002942	.2063185	.0175573	.0004206	26.78509	.6563782
Stddev	.0062076	.0031498	.0024150	.0102220	.0015444	.61436	.0138098
%RSD	23.90210	1070.492	1.170510	58.22090	367.1846	2.293651	2.103944

#1	.0304326	.0025154	.2047414	.0155138	.0006507	27.31940	.6691828
#2	.0285984	.0016779	.2051154	.0286467	-.001226	26.92207	.6582067
#3	.0188816	-.003311	.2090988	.0085114	.001837	26.11381	.6417453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084163	.0053839	13.47015	.0498512	.2725675	.1496844	156.9889
Stddev	.0000884	.0001072	.28184	.0007425	.0020551	.0053776	3.9197
%RSD	1.050252	1.991620	2.092300	1.489357	.7539649	3.592644	2.496828

#1	.0084274	.0052602	13.71659	.0491611	.2731611	.1545178	159.5249
#2	.0084986	.0054405	13.53101	.0506368	.2702809	.1506436	158.9676
#3	.0083228	.0054509	13.16286	.0497559	.2742604	.1438917	152.4742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.209171	5.162703	.4682824	.0057330	.7709435	.0542061	1.065741
Stddev	.060219	.157628	.0018144	.0005981	.2223674	.0030207	.009067
%RSD	1.876462	3.053206	.3874664	10.43254	28.84354	5.572639	.8507605

#1	3.267865	5.284817	.4690108	.0063825	.5203250	.0574477	1.069904
#2	3.212114	5.218533	.4662169	.0056117	.8478789	.0514700	1.071979
#3	3.147535	4.984758	.4696194	.0052049	.9446266	.0537007	1.055340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.689568	2.714891	.0198899	.0003699	6.348416	2.552661	.0191667
Stddev	.036789	.010371	.0021376	.0006831	.037716	.048445	.0011863
%RSD	1.367835	.3819970	10.74717	184.7045	.5941063	1.897823	6.189585

#1	2.712904	2.715290	.0193586	-.000131	6.375592	2.590701	.0197496
#2	2.708641	2.704327	.0222431	.001148	6.305355	2.569161	.0178016
#3	2.647160	2.725057	.0180681	.000093	6.364300	2.498121	.0199487

Sample Name: M4034-16 Acquired: 10/12/2021 15:59:40 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00S7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1515222	.0516938	-.005546
Stddev	.0049598	.0017348	.001070
%RSD	3.273295	3.355903	19.29066

#1	.1529341	.0514178	-.005516
#2	.1556230	.0535501	-.006630
#3	.1460096	.0501136	-.004491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.646	27562.78	5910.943	785.9247	1755.690
Stddev	5.582	7.42	103.868	2.0666	8.180
%RSD	.3954190	.0269109	1.757215	.2629512	.4659419

#1	1408.899	27566.48	5823.593	787.4992	1751.090
#2	1418.070	27554.24	5883.442	783.5846	1765.135
#3	1407.971	27567.63	6025.795	786.6905	1750.845

Sample Name: M4034-17 Acquired: 10/12/2021 16:03:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532499	.0023192	.1951306	.0095090	-.000119	30.94870	.4888212
Stddev	.0051062	.0043579	.0017849	.0042797	.000971	.14463	.0018526
%RSD	9.589185	187.9091	.9147401	45.00668	817.7006	.4673151	.3789909

#1	.0519186	.0058668	.1956226	.0045917	-.001044	30.96380	.4868255
#2	.0588899	-.002545	.1966180	.0123930	-.000205	31.08519	.4891521
#3	.0489412	.003636	.1931513	.0115423	.000893	30.79712	.4904861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092709	.0057712	33.73457	.0540876	.1300251	.1615444	100.3291
Stddev	.0001435	.0000268	.23739	.0008805	.0007493	.0029933	.8377
%RSD	1.547882	.4650714	.7036983	1.627994	.5762973	1.852916	.8349633

#1	.0091056	.0057456	33.54497	.0533671	.1300530	.1609981	100.3956
#2	.0093439	.0057991	33.65794	.0538265	.1292623	.1647732	101.1316
#3	.0093633	.0057689	34.00082	.0550691	.1307602	.1588619	99.4601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836196	7.020719	.2231332	.0041340	.9281298	.0511839	.6767813
Stddev	.013786	.044078	.0010389	.0002758	.1115651	.0044900	.0040030
%RSD	.4860713	.6278272	.4656031	6.672140	12.02042	8.772383	.5914701

#1	2.824179	7.071107	.2238693	.0043831	.8822510	.0513443	.6727080
#2	2.833162	7.001741	.2235856	.0038375	1.055320	.0555916	.6769258
#3	2.851246	6.989309	.2219448	.0041813	.846819	.0466158	.6807100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.149208	1.559930	.0247571	.0010328	7.044702	2.896058	.0226545
Stddev	.088744	.006697	.0025531	.0004858	.018687	.013722	.0029167
%RSD	2.138812	.4292879	10.31258	47.03830	.2652571	.4738319	12.87462

#1	4.079205	1.552879	.0236241	.0010973	7.041202	2.911839	.0193112
#2	4.249018	1.566204	.0276806	.0014832	7.064891	2.886937	.0239746
#3	4.119401	1.560708	.0229665	.0005180	7.028012	2.889397	.0246779

Sample Name: M4034-17 Acquired: 10/12/2021 16:03:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3355833	.0532182	.0841694
Stddev	.0028730	.0006562	.0008297
%RSD	.8561335	1.233097	.9857206

#1	.3359158	.0526474	.0832679
#2	.3382757	.0539352	.0843393
#3	.3325585	.0530721	.0849009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.792	27719.24	5930.251	790.6086	1741.408
Stddev	2.134	124.47	8.068	2.8035	1.460
%RSD	.1511434	.4490424	.1360539	.3546057	.0838272

#1	1411.666	27840.68	5939.429	789.2755	1740.353
#2	1413.986	27591.94	5924.280	788.7204	1743.074
#3	1409.724	27725.09	5927.043	793.8300	1740.797

Sample Name: M4034-18 Acquired: 10/12/2021 16:07:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0369737	.0038335	.3538739	.0156476	.0006348	31.23080	.5427263
Stddev	.0056765	.0021408	.0020524	.0012530	.0022725	.02513	.0022032
%RSD	15.35277	55.84419	.5799744	8.007516	357.9842	.0804553	.4059518

#1	.0336318	.0043218	.3524339	.0168260	-.001969	31.23230	.5401835
#2	.0435279	.0056878	.3529637	.0143314	.002216	31.25515	.5440663
#3	.0337613	.0014907	.3562239	.0157853	.001658	31.20496	.5439291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067279	.0047366	37.94489	.1166763	.0717054	.1889601	121.0060
Stddev	.0001014	.0001511	.06819	.0002309	.0005380	.0022542	.6329
%RSD	1.507625	3.190165	.1797144	.1978603	.7502724	1.192950	.5230522

#1	.0066181	.0046093	37.92896	.1164264	.0713980	.1912360	121.6462
#2	.0068181	.0049036	38.01964	.1167210	.0723266	.1889161	120.9911
#3	.0067475	.0046970	37.88608	.1168815	.0713917	.1867283	120.3806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.762630	7.745777	.1036006	.0051195	.7271187	.0839407	.7149089
Stddev	.010000	.028836	.0007619	.0004464	.1148087	.0037133	.0035338
%RSD	.2657815	.3722852	.7354504	8.719687	15.78953	4.423754	.4943077

#1	3.752608	7.732873	.1031986	.0056338	.7244060	.0797801	.7155415
#2	3.772608	7.778812	.1044793	.0048922	.8432597	.0869185	.7180837
#3	3.762676	7.725646	.1031239	.0048325	.6136905	.0851237	.7111015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.570179	3.472344	.0191931	.0010875	3.670304	2.668971	.0426544
Stddev	.042193	.028745	.0008291	.0000894	.012466	.027833	.0007028
%RSD	.9232245	.8278159	4.319506	8.217003	.3396519	1.042835	1.647582

#1	4.617582	3.448089	.0182739	.0010639	3.657413	2.700767	.0418545
#2	4.556223	3.504094	.0198844	.0010123	3.671202	2.649020	.0431727
#3	4.536732	3.464851	.0194209	.0011863	3.682297	2.657125	.0429360

Sample Name: M4034-18 Acquired: 10/12/2021 16:07:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00S9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2100477	.0430256	.0461461
Stddev	.0008650	.0011639	.0007383
%RSD	.4118315	2.705155	1.599907

#1	.2090963	.0437608	.0453394
#2	.2107869	.0436325	.0463107
#3	.2102598	.0416837	.0467882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.737	27373.28	5840.022	780.4182	1728.670
Stddev	2.612	81.16	20.744	1.7541	2.330
%RSD	.1876744	.2964884	.3551992	.2247618	.1348091

#1	1389.085	27450.58	5816.575	781.0396	1731.212
#2	1391.818	27288.75	5847.503	778.4380	1728.166
#3	1394.307	27380.52	5855.987	781.7770	1726.634

Sample Name: M4034-19 Acquired: 10/12/2021 16:11:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434529	.0002080	.3221020	.0191013	.0005853	32.07154	.7686907
Stddev	.0077740	.0036664	.0044357	.0052763	.0016223	.05332	.0014811
%RSD	17.89056	1762.458	1.377102	27.62284	277.1729	.1662532	.1926835

#1	.0399225	.0004315	.3222656	.0169395	.0021651	32.01071	.7693969
#2	.0523657	-.003565	.3175867	.0152492	.0006673	32.11019	.7696866
#3	.0380707	.003758	.3264536	.0251152	-.001076	32.09372	.7669887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061605	.0047496	421.6190	.0775719	.0574923	.1939258	105.1123
Stddev	.0000744	.0000410	1.0350	.0007162	.0002264	.0017616	.1123
%RSD	1.208308	.8627585	.2454761	.9232359	.3938458	.9083705	.1068299

#1	.0061676	.0047242	422.4628	.0783961	.0572377	.1939615	105.1691
#2	.0060828	.0047278	421.9300	.0771013	.0576710	.1956693	104.9830
#3	.0062312	.0047969	420.4642	.0772182	.0575684	.1921467	105.1848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.056551	58.71838	.1047558	.0039555	.7847894	.0814720	.7167665
Stddev	.012013	.07853	.0014123	.0003381	.1159210	.0035805	.0061864
%RSD	.3930120	.1337472	1.348218	8.547064	14.77097	4.394763	.8630976

#1	3.070330	58.63451	.1031254	.0035939	.8686839	.0803709	.7117576
#2	3.051041	58.79018	.1055411	.0040088	.8331692	.0785713	.7148602
#3	3.048282	58.73047	.1056010	.0042638	.6525152	.0854737	.7236817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.381634	3.683729	.0152077	.0018452	5.429403	2.696511	.0383316
Stddev	.060778	.039464	.0010490	.0004040	.060539	.009189	.0044337
%RSD	1.797283	1.071300	6.897610	21.89258	1.115029	.3407844	11.56680

#1	3.378941	3.644066	.0159094	.0020565	5.362599	2.692616	.0420801
#2	3.443714	3.684130	.0140018	.0020997	5.480637	2.707006	.0394772
#3	3.322248	3.722991	.0157117	.0013794	5.444971	2.689910	.0334375

Sample Name: M4034-19 Acquired: 10/12/2021 16:11:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00T0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1864997	.0562624	.6768059
Stddev	.0035348	.0006702	.0015043
%RSD	1.895330	1.191147	.2222649

#1	.1855791	.0562336	.6752625
#2	.1835163	.0569465	.6782677
#3	.1904037	.0556071	.6768875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.381	26425.39	5728.503	742.3350	1589.753
Stddev	8.105	84.95	21.766	3.7023	12.142
%RSD	.6161666	.3214726	.3799615	.4987313	.7637843

#1	1324.739	26504.70	5718.777	742.9069	1602.985
#2	1310.684	26435.73	5753.437	745.7179	1587.154
#3	1310.719	26335.74	5713.297	738.3800	1579.122

Sample Name: M4034-20 Acquired: 10/12/2021 16:15:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102275	.0024004	.0570024	.0080481	-.000993	18.11695	.3739736
Stddev	.0021098	.0021323	.0015154	.0060193	.001224	.83393	.0160306
%RSD	20.62837	88.82998	2.658445	74.79196	123.2581	4.603050	4.286557

#1	.0089658	-.000059	.0554527	.0108400	-.000151	17.30863	.3591017
#2	.0090536	.003736	.0570737	.0011398	-.002397	18.06789	.3718650
#3	.0126632	.003524	.0584809	.0121645	-.000432	18.97433	.3909542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035153	.0017488	13.65284	.0396518	.0511479	.0302602	55.99855
Stddev	.0002243	.0002449	.62897	.0009040	.0006894	.0026392	2.49404
%RSD	6.379814	14.00654	4.606891	2.279750	1.347781	8.721761	4.453755

#1	.0032564	.0016979	13.06701	.0389099	.0519143	.0273904	53.63674
#2	.0036509	.0020151	13.57399	.0393869	.0505784	.0308069	55.75236
#3	.0036385	.0015333	14.31752	.0406586	.0509510	.0325832	58.60656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.088737	3.814260	.0439583	.0017885	.5468915	.0451968	.3923219
Stddev	.134537	.199644	.0004236	.0002097	.1178074	.0034056	.0126646
%RSD	4.355735	5.234156	.9636042	11.72306	21.54127	7.535069	3.228111

#1	2.965707	3.633258	.0442968	.0020143	.6620209	.0413179	.3778117
#2	3.068106	3.781121	.0440948	.0015999	.5520763	.0476961	.3980014
#3	3.232398	4.028400	.0434833	.0017514	.4265773	.0465765	.4011526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9928922	1.265025	.0096519	.0005996	1.222046	2.293206	.0159126
Stddev	.1325422	.002109	.0020172	.0007650	.011517	.078049	.0012525
%RSD	13.34910	.1667311	20.89903	127.5816	.9424038	3.403503	7.871322

#1	.9146637	1.264877	.0084679	.0005709	1.210451	2.214108	.0147872
#2	.9180869	1.267204	.0085068	.0013786	1.233483	2.295347	.0156886
#3	1.145926	1.262994	.0119810	-.000151	1.222204	2.370163	.0172620

Sample Name: M4034-20 Acquired: 10/12/2021 16:15:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00T1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1623499	.0204114	.0080065
Stddev	.0061644	.0015357	.0003002
%RSD	3.796965	7.523749	3.749937

#1	.1565920	.0190946	.0077141
#2	.1616047	.0200412	.0079915
#3	.1688530	.0220984	.0083140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.294	27308.04	5751.274	777.6587	1762.691
Stddev	4.795	379.49	212.475	16.7626	5.675
%RSD	.3458783	1.389680	3.694392	2.155526	.3219515

#1	1385.674	27741.29	5947.584	796.4535	1758.744
#2	1391.369	27148.29	5780.564	772.2679	1769.195
#3	1381.840	27034.53	5525.674	764.2547	1760.135

Sample Name: M4038-04 Acquired: 10/12/2021 16:19:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236703	.0022704	.1586258	.0106354	-.000159	18.78578	.2676002
Stddev	.0050041	.0065094	.0031796	.0030745	.001643	.01172	.0013179
%RSD	21.14097	286.7106	2.004468	28.90794	1030.634	.0623994	.4924782

#1	.0283100	.0096589	.1605494	.0071736	-.001527	18.77988	.2689184
#2	.0183678	-.000228	.1549558	.0116852	-.000614	18.77818	.2662827
#3	.0243331	-.002620	.1603723	.0130476	.001663	18.79928	.2675996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044291	.0031707	30.16753	.0472330	.0496485	.1308460	112.3444
Stddev	.0001141	.0001662	.04708	.0005918	.0004304	.0007305	.6343
%RSD	2.576139	5.240896	.1560489	1.252841	.8667871	.5583044	.5645918

#1	.0043807	.0031616	30.21107	.0479164	.0497284	.1300942	111.8974
#2	.0043473	.0033412	30.11757	.0468911	.0500333	.1315533	112.0654
#3	.0045595	.0030092	30.17395	.0468917	.0491838	.1308906	113.0703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.293001	5.469558	.0717641	.0041345	.6179639	.0538124	.4840678
Stddev	.006358	.028557	.0003645	.0002421	.0878158	.0024814	.0018473
%RSD	.2772607	.5220995	.5079122	5.854763	14.21051	4.611261	.3816233

#1	2.295561	5.470799	.0720840	.0044129	.7048633	.0531937	.4855080
#2	2.297680	5.440402	.0718409	.0039739	.6197690	.0565446	.4819850
#3	2.285763	5.497474	.0713673	.0040168	.5292595	.0516988	.4847104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.517364	2.276831	.0171627	.0008835	1.357275	2.225036	.0494713
Stddev	.007029	.019603	.0023888	.0006071	.010177	.006259	.0021636
%RSD	.2792319	.8609975	13.91847	68.70870	.7497856	.2812849	4.373430

#1	2.513071	2.299465	.0144915	.0001981	1.368873	2.229388	.0519645
#2	2.525476	2.265789	.0179025	.0013533	1.349837	2.227857	.0483629
#3	2.513545	2.265238	.0190940	.0010993	1.353115	2.217863	.0480865

Sample Name: M4038-04 Acquired: 10/12/2021 16:19:55 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C00T9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1731961	.0265663	.0125111
Stddev	.0018081	.0014697	.0007688
%RSD	1.043956	5.532123	6.144775

#1	.1739983	.0249346	.0131968
#2	.1711257	.0269784	.0126565
#3	.1744643	.0277860	.0116800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.714	26738.85	5691.047	761.4646	1724.998
Stddev	1.183	25.53	20.750	5.9045	2.920
%RSD	.0865967	.0954642	.3646166	.7754133	.1692873

#1	1367.063	26722.28	5670.587	763.3194	1722.242
#2	1365.219	26768.24	5712.076	754.8554	1728.059
#3	1364.858	26726.01	5690.478	766.2191	1724.694

Sample Name: M4038-05 Acquired: 10/12/2021 16:24:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206769	.0029575	.1105240	.0035528	.0006199	27.89401	.3262144
Stddev	.0071825	.0033469	.0018688	.0048580	.0002647	.31059	.0034060
%RSD	34.73667	113.1660	1.690853	136.7366	42.70651	1.113474	1.044089

#1	.0286915	.0001930	.1086171	.0085385	.0004363	27.68571	.3224202
#2	.0185173	.0020010	.1106027	-.001166	.0009234	27.74533	.3272152
#3	.0148221	.0066784	.1123522	.003286	.0005000	28.25100	.3290079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050039	.0024931	174.5308	.0450208	.0304154	.0814856	77.79593
Stddev	.0000393	.0001737	1.7364	.0003674	.0002737	.0041441	1.05681
%RSD	.7849488	6.968191	.9949028	.8159733	.8999129	5.085684	1.358440

#1	.0050143	.0025856	173.1439	.0447196	.0301698	.0767246	77.37068
#2	.0049605	.0026010	173.9703	.0454301	.0307105	.0834499	77.01799
#3	.0050370	.0022927	176.4783	.0449127	.0303659	.0842823	78.99912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.831535	8.406525	.0511272	.0028839	1.370464	.0380667	.3263554
Stddev	.019642	.151983	.0007028	.0002489	.243568	.0019240	.0035912
%RSD	1.072435	1.807923	1.374554	8.629635	17.77266	5.054213	1.100403

#1	1.816482	8.277024	.0512293	.0030860	1.599756	.0400492	.3303900
#2	1.824369	8.368703	.0517733	.0026059	1.114771	.0379436	.3235083
#3	1.853754	8.573848	.0503789	.0029599	1.396865	.0362072	.3251679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.676973	1.438430	.0203446	.0005924	2.063450	3.804692	.0150675
Stddev	.034027	.003658	.0016988	.0005785	.004480	.063175	.0016409
%RSD	1.271108	.2543161	8.349924	97.65896	.2170966	1.660450	10.89029

#1	2.645315	1.434434	.0187286	.0006114	2.064819	3.770115	.0135014
#2	2.712956	1.439243	.0221156	.0000046	2.067085	3.766354	.0167741
#3	2.672647	1.441614	.0201897	.0011612	2.058445	3.877608	.0149271

Sample Name: M4038-05 Acquired: 10/12/2021 16:24:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4232973	.0365682	.4110350
Stddev	.0058437	.0003943	.0040485
%RSD	1.380522	1.078222	.9849485

#1	.4190063	.0370114	.4084883
#2	.4209328	.0364366	.4089133
#3	.4299527	.0362565	.4157033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.763	26597.06	5683.855	754.5062	1683.759
Stddev	2.763	160.16	54.535	2.0578	1.349
%RSD	.2057486	.6021664	.9594717	.2727346	.0801093

#1	1344.662	26452.95	5702.578	752.1303	1683.469
#2	1344.033	26568.76	5726.562	755.6639	1682.580
#3	1339.593	26769.49	5622.425	755.7244	1685.230

Sample Name: M4038-06 Acquired: 10/12/2021 16:28:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387449	.0037748	.6956763	.0127865	.0002917	48.28906	.5654849
Stddev	.0037809	.0035645	.0053562	.0015971	.0045711	.76909	.0080133
%RSD	9.758422	94.42747	.7699206	12.49091	1567.041	1.592670	1.417068

#1	.0406020	.0056705	.6954860	.0130551	.0046891	47.88316	.5610890
#2	.0412381	.0059909	.6904179	.0142322	.0006213	49.17606	.5747341
#3	.0343946	-.000337	.7011251	.0110720	-.004435	47.80795	.5606316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130554	.0113021	11.38936	.0997912	.1043514	.5296281	93.80639
Stddev	.0000036	.0002586	.14537	.0007916	.0006613	.0095058	1.69597
%RSD	.0273390	2.287679	1.276390	.7932191	.6337576	1.794809	1.807947

#1	.0130565	.0112610	11.33552	.1004924	.1038380	.5239169	92.99723
#2	.0130583	.0110666	11.55397	.0989328	.1041186	.5406014	95.75540
#3	.0130514	.0115788	11.27859	.0999485	.1050977	.5243659	92.66655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7651078	5.938186	.3247673	.0085780	1.062449	.0666661	1.858854
Stddev	.0098598	.135132	.0023134	.0003586	.076837	.0030056	.008131
%RSD	1.288687	2.275652	.7123109	4.180351	7.232096	4.508397	.4373968

#1	.7616173	5.878914	.3252380	.0086510	1.047786	.0635663	1.868173
#2	.7762381	6.092826	.3222548	.0081886	.994000	.0695677	1.853207
#3	.7574680	5.842819	.3268091	.0088945	1.145561	.0668642	1.855183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.698645	7.802545	.0114034	.0014191	12.83343	2.513273	.0563034
Stddev	.053180	.059743	.0020073	.0009113	.06005	.036125	.0005498
%RSD	1.970616	.7656864	17.60282	64.21690	.4679025	1.437371	.9765673

#1	2.684945	7.810736	.0091971	.0004440	12.81638	2.491952	.0560815
#2	2.757335	7.739129	.0118911	.0015640	12.78375	2.554983	.0569296
#3	2.653656	7.857770	.0131219	.0022492	12.90015	2.492883	.0558992

Sample Name: M4038-06 Acquired: 10/12/2021 16:28:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1829362	.0896040	.0622226
Stddev	.0050496	.0015200	.0002856
%RSD	2.760283	1.696376	.4590499

#1	.1798058	.0880454	.0620977
#2	.1887616	.0910822	.0625494
#3	.1802414	.0896844	.0620207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.389	30678.82	6654.838	874.6216	1772.833
Stddev	2.614	166.75	88.053	4.7271	5.392
%RSD	.1658437	.5435421	1.323150	.5404697	.3041358

#1	1574.386	30491.54	6693.851	872.5172	1772.232
#2	1579.347	30811.20	6554.018	880.0354	1778.500
#3	1575.435	30733.72	6716.645	871.3122	1767.767

Sample Name: M4038-07 Acquired: 10/12/2021 16:32:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311746	.0031616	.7357362	.0119262	-.001983	43.08885
Stddev	.0046830	.0017992	.0034577	.0008806	.001124	.17043
%RSD	15.02190	56.90755	.4699689	7.383630	56.68557	.3955280

#1	.0341798	.0038898	.7344505	.0121462	-.002244	43.19587
#2	.0335652	.0044827	.7396526	.0126759	-.000752	42.89231
#3	.0257788	.0011125	.7331055	.0109565	-.002954	43.17836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.058280	.0145635	.0058348	9.638972	.1263229	.0690172
Stddev	.000892	.0001530	.0000412	.010245	.0009512	.0007813
%RSD	.0842437	1.050608	.7060211	.1062884	.7529664	1.132017

#1	1.059308	.0147333	.0058801	9.648331	.1252339	.0682921
#2	1.057805	.0144363	.0057996	9.628026	.1267438	.0698446
#3	1.057725	.0145209	.0058248	9.640560	.1269910	.0689149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6855566	69.04078	.5036295	3.190969	.2409754	.0077205
Stddev	.0036984	.26881	.0014246	.047115	.0006369	.0000952
%RSD	.5394661	.3893531	.2828605	1.476519	.2642962	1.232860

#1	.6818785	69.19370	.5035542	3.231587	.2406504	.0076403
#2	.6855163	68.73039	.5022441	3.139315	.2417092	.0076956
#3	.6892748	69.19825	.5050902	3.202005	.2405666	.0078257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8026911	.0663541	1.146996	2.041916	F 13.51307	.0153058
Stddev	.0546053	.0008732	.004071	.065474	.03151	.0004949
%RSD	6.802779	1.315931	.3548904	3.206490	.2331554	3.233312

#1	.7660004	.0673002	1.151628	2.031492	13.52011	.0147382
#2	.7766283	.0661831	1.145373	1.982280	13.54047	.0156465
#3	.8654446	.0655792	1.143987	2.111977	13.47864	.0155328

Sample Name: M4038-07 Acquired: 10/12/2021 16:32:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019379	13.62409	2.299839	.0728607	.2126567	.0701383
Stddev	.0008982	.02412	.011574	.0018481	.0004634	.0006024
%RSD	46.34760	.1770631	.5032544	2.536443	.2179009	.8588764

#1	.0020815	13.59629	2.309460	.0736019	.2131871	.0697650
#2	.0027557	13.63644	2.286995	.0707571	.2124523	.0708332
#3	.0009766	13.63954	2.303063	.0742231	.2123306	.0698166

Elem	Sr4077
Units	ppm
Avg	.1034820
Stddev	.0003790
%RSD	.3662072

#1	.1039127
#2	.1033338
#3	.1031996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.674	31599.88	6730.915	902.7797	1762.827
Stddev	4.142	87.75	35.986	2.9683	1.437
%RSD	.2573391	.2777064	.5346313	.3287907	.0815318

#1	1605.145	31632.61	6711.039	906.1531	1764.479
#2	1610.607	31666.57	6772.455	901.6180	1761.869
#3	1613.270	31500.47	6709.251	900.5680	1762.132

Sample Name: M4038-08 Acquired: 10/12/2021 16:36:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173663	.0018065	.1393330	.0052536	.0008453	15.21755	.2726789
Stddev	.0030094	.0039024	.0040805	.0040240	.0016030	.05083	.0006797
%RSD	17.32881	216.0206	2.928619	76.59636	189.6389	.3340452	.2492686

#1	.0163259	-.000223	.1349442	.0049391	.0024619	15.21442	.2734288
#2	.0207579	-.000663	.1400429	.0094256	.0008178	15.16836	.2725048
#3	.0150153	.006305	.1430121	.0013960	-.000744	15.26989	.2721032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036331	.0022741	9.619844	.0360210	.0284397	.0598633	80.83980
Stddev	.0001033	.0001636	.013464	.0005596	.0003498	.0015577	.26683
%RSD	2.844079	7.192867	.1399577	1.553527	1.229864	2.602085	.3300783

#1	.0035161	.0024600	9.635329	.0358663	.0288173	.0581195	81.03012
#2	.0037116	.0021524	9.613295	.0355550	.0281269	.0603536	80.53480
#3	.0036717	.0022098	9.610907	.0366417	.0283748	.0611169	80.95450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.166867	3.550780	.0485053	.0031302	.7839825	.0397400	.3889737
Stddev	.002580	.010042	.0010135	.0001870	.0988351	.0040116	.0049473
%RSD	.2211309	.2828206	2.089483	5.973729	12.60680	10.09461	1.271875

#1	1.168525	3.554743	.0489840	.0033461	.7008139	.0410045	.3851316
#2	1.163895	3.539361	.0491907	.0030187	.7578865	.0352485	.3872336
#3	1.168183	3.558236	.0473411	.0030259	.8932470	.0429671	.3945559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519794	2.274077	.0108190	-.000232	1.546791	1.776475	.0162112
Stddev	.063074	.003820	.0010154	.000339	.003352	.010323	.0014170
%RSD	4.150169	.1679698	9.385622	145.9280	.2167014	.5810862	8.740808

#1	1.555905	2.271178	.0117664	-.000575	1.549711	1.765102	.0161512
#2	1.556514	2.278405	.0097470	-.000223	1.547530	1.785252	.0148252
#3	1.446963	2.272648	.0109436	.000102	1.543131	1.779070	.0176573

Sample Name: M4038-08 Acquired: 10/12/2021 16:36:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C00U7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1241415	.0205682	-.021587
Stddev	.0013317	.0004458	.000278
%RSD	1.072709	2.167196	1.286509

#1	.1248223	.0200757	-.021903
#2	.1249951	.0206849	-.021476
#3	.1226071	.0209440	-.021382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.066	26918.59	5733.586	766.4191	1743.198
Stddev	2.077	3.87	32.361	.8283	3.478
%RSD	.1515781	.0143722	.5644071	.1080790	.1995323

#1	1368.471	26922.89	5770.866	765.4913	1739.356
#2	1369.313	26917.49	5717.157	766.6816	1744.106
#3	1372.414	26915.38	5712.736	767.0843	1746.132

Sample Name: CCV052 Acquired: 10/12/2021 16:40:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961667	5.057213	25.25735	5.045670	4.974406	410.6612	10.40761
Stddev	.016033	.005484	.01261	.026189	.020749	1.1711	.03324
%RSD	.3231314	.1084390	.0499257	.5190392	.4171117	.2851844	.3193356

#1	4.946228	5.063416	25.26546	5.026215	4.950962	411.6971	10.42503
#2	4.978234	5.053008	25.26376	5.035347	4.981855	410.8959	10.36928
#3	4.960540	5.055214	25.24282	5.075447	4.990403	409.3904	10.42851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932112	2.542318	412.9325	15.49061	2.569365	15.15546	406.2617
Stddev	.0048623	.004157	1.5741	.01555	.001895	.02792	3.5262
%RSD	.9858562	.1635033	.3812003	.1004079	.0737398	.1842076	.8679615

#1	.4927129	2.546913	413.4527	15.48693	2.569792	15.18721	408.1233
#2	.4983035	2.538819	411.1641	15.50767	2.567293	15.14443	408.4670
#3	.4886172	2.541223	414.1806	15.47723	2.571009	15.13474	402.1949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04571	397.7937	2.512988	1.318660	406.5180	2.503691	15.08561
Stddev	.09080	3.7307	.004049	.006331	1.7008	.019075	.01191
%RSD	.6034844	.9378533	.1611042	.4801440	.4183756	.7618816	.0789561

#1	15.08529	399.6496	2.517202	1.325316	407.2292	2.517345	15.07197
#2	14.94184	400.2326	2.509128	1.312713	407.7478	2.511833	15.09399
#3	15.11000	393.4991	2.512633	1.317951	404.5771	2.481896	15.09086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.3306	5.361003	4.890801	5.010440	5.317639	4.790117	5.158975
Stddev	.2530	.019542	.037455	.013006	.023211	.047242	.013062
%RSD	.1671671	.3645134	.7658309	.2595809	.4364934	.9862389	.2531971

#1	151.4403	5.381648	4.892950	4.998426	5.333713	4.792289	5.173497
#2	151.5101	5.358567	4.927135	5.008642	5.328175	4.836235	5.148183
#3	151.0412	5.342793	4.852317	5.024251	5.291028	4.741826	5.155247

Sample Name: CCV052 Acquired: 10/12/2021 16:40:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.018162	5.112791	4.895441
Stddev	.019068	.007991	.041440
%RSD	.3799843	.1562891	.8464932

#1	5.032412	5.121969	4.932550
#2	5.025573	5.109023	4.903048
#3	4.996500	5.107381	4.850725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1136.301	23871.22	5250.934	624.6684	1375.550
Stddev	.612	16.34	32.806	1.3645	4.545
%RSD	.0538790	.0684499	.6247733	.2184378	.3304301

#1	1135.629	23852.50	5225.204	626.2010	1370.731
#2	1136.450	23882.62	5239.721	623.5856	1376.160
#3	1136.826	23878.54	5287.876	624.2186	1379.760

Sample Name: CCB052 Acquired: 10/12/2021 16:44:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001540	.0030586	.0014547	.0003115	.0008967	-.006028
Stddev	.008719	.0048122	.0014941	.0041310	.0019013	.009648
%RSD	566.0006	157.3317	102.7065	1326.107	212.0269	160.0463

#1	-.004387	-.000206	.0008579	.0018981	.0023084	.003183
#2	-.008480	.000797	.0003513	-.004378	-.001265	-.005207
#3	.008246	.008585	.0031550	.003414	.001647	-.016060

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000171	.0002459	.0000578	.0034811	.0000052	.0001925
Stddev	.000815	.0000480	.0000956	.0055954	.0000406	.0001702
%RSD	475.8157	19.52951	165.5237	160.7362	776.8591	88.41328

#1	.000293	.0002040	-.000044	.0096505	.0000277	.0003313
#2	-.001113	.0002983	.000147	.0020583	-.000042	.0002435
#3	.000305	.0002355	.000070	-.001266	.000030	.0000026

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000958	.0141050	.0002019	-.025101	.0002732	.0005073
Stddev	.001850	.0073404	.0000364	.015911	.0004877	.0004278
%RSD	193.2013	52.04154	18.05072	63.38981	178.4978	84.32614

#1	-.000971	.0181869	.0002371	-.032264	.0008294	.0003097
#2	-.002801	.0184972	.0001643	-.006867	-.000081	.0002141
#3	.000899	.0056308	.0002042	-.036171	.000072	.0009983

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221109	-.000230	-.000816	.0214882	-.002516	F .0104732
Stddev	.2701785	.002154	.001454	.0809117	.005151	.0019170
%RSD	1221.927	935.8121	178.3555	376.5407	204.7080	18.30394

#1	.2079032	.002177	.000765	-.050921	-.003053	.0103953
#2	-.287828	-.001974	-.002097	.006561	-.007377	.0124280
#3	.146257	-.000894	-.001115	.108824	.002882	.0085963

Sample Name: CCB052 Acquired: 10/12/2021 16:44:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	-.014587	.0021518	.0001512	.0002126	.0009752
Stddev	.000425	.009002	.0011095	.0003175	.0012012	.0012171
%RSD	983.6356	61.71500	51.56113	209.9392	565.0418	124.8104

#1	-.000452	-.004277	.0016188	.0002577	-.000891	.0012323
#2	.000396	-.018594	.0034272	.0004017	.001492	-.000350
#3	-.000074	-.020889	.0014094	-.000206	.000036	.002043

Elem	Sr4077
Units	ppm
Avg	-.000088
Stddev	.000048
%RSD	54.89832

#1	-.000070
#2	-.000051
#3	-.000142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.728	24795.83	5618.981	707.5593	1708.118
Stddev	12.980	1254.94	186.850	31.4765	13.540
%RSD	.9783543	5.061104	3.325336	4.448604	.7926683

#1	1339.939	24680.33	5820.676	703.6394	1722.357
#2	1326.254	23602.63	5584.485	678.2264	1706.590
#3	1313.991	26104.53	5451.783	740.8122	1695.407

Sample Name: M4074-01 Acquired: 10/12/2021 16:48:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1499182	-.023398	.0187484	.0450002	.0122124	206.3293	1.086235
Stddev	.0089405	.005607	.0037132	.0047592	.0038272	.6888	.002714
%RSD	5.963607	23.96253	19.80559	10.57598	31.33834	.3338416	.2498156

#1	.1521156	-.020714	.0230336	.0494395	.0164438	206.2682	1.086280
#2	.1400839	-.019637	.0167300	.0399753	.0112007	205.6730	1.083500
#3	.1575552	-.029842	.0164815	.0455856	.0089927	207.0466	1.088926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128124	.0150764	61.35477	.3239074	.2270513	.7397356	551.1635
Stddev	.0001021	.0001444	.19357	.0022157	.0004917	.0024741	1.7159
%RSD	.7966267	.9575892	.3154946	.6840488	.2165664	.3344514	.3113239

#1	.0128237	.0151028	61.16741	.3230524	.2276064	.7369163	551.6142
#2	.0129084	.0152057	61.34291	.3222467	.2268771	.7407459	549.2672
#3	.0127052	.0149206	61.55400	.3264233	.2266704	.7415447	552.6090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.640021	50.13239	.2104433	.0167727	4.772115	1.275151	.8008892
Stddev	.009794	.32823	.0004449	.0006070	.322987	.012176	.0066019
%RSD	.1281968	.6547220	.2114119	3.618995	6.768226	.9548756	.8243189

#1	7.638228	50.09266	.2106826	.0167268	5.050345	1.265697	.7939164
#2	7.650588	49.82583	.2099299	.0161899	4.417914	1.270864	.8017075
#3	7.631247	50.47867	.2107173	.0174013	4.848085	1.288890	.8070438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.073792	7.233965	.0492682	-.002346	1.310171	6.242187	.0041563
Stddev	.015710	.019955	.0115609	.000643	.006756	.033059	.0029775
%RSD	.7575448	.2758552	23.46531	27.40706	.5156749	.5296047	71.63951

#1	2.091196	7.241979	.0367927	-.001726	1.317711	6.279755	.0067503
#2	2.069519	7.211249	.0513918	-.003010	1.308135	6.229265	.0048135
#3	2.060660	7.248668	.0596201	-.002302	1.304667	6.217540	.0009050

Sample Name: M4074-01 Acquired: 10/12/2021 16:48:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.282357	.0590063	.0679961
Stddev	.028082	.0011431	.0011959
%RSD	.5316211	1.937204	1.758744

#1	5.276376	.0598962	.0667922
#2	5.257748	.0577172	.0680122
#3	5.312948	.0594057	.0691838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.753	28629.67	6165.082	808.0922	1635.182
Stddev	4.287	58.53	17.741	2.4372	2.679
%RSD	.2962915	.2044223	.2877717	.3015965	.1638469

#1	1448.036	28688.85	6151.364	807.3541	1635.855
#2	1450.252	28628.34	6158.764	806.1093	1637.460
#3	1441.972	28571.82	6185.118	810.8130	1632.230

Sample Name: M4074-02 Acquired: 10/12/2021 16:52:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2376682	-.023507	.0147593	.0444240	.0107756	188.7763	1.171887
Stddev	.0054661	.008631	.0026429	.0125726	.0038441	1.8809	.013094
%RSD	2.299903	36.71657	17.90648	28.30145	35.67375	.9963637	1.117378

#1	.2407647	-.019476	.0126382	.0565318	.0097432	187.0540	1.158022
#2	.2408831	-.017629	.0177200	.0453070	.0075531	188.4916	1.173598
#3	.2313568	-.033416	.0139199	.0314331	.0150304	190.7834	1.184042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130714	.0155748	61.42447	.3538960	.2259779	.7815674	577.4445
Stddev	.0002702	.0002959	.72984	.0081040	.0023041	.0038261	4.3302
%RSD	2.067455	1.899831	1.188190	2.289948	1.019626	.4895406	.7498860

#1	.0127635	.0157915	60.62944	.3557937	.2233224	.7798500	574.9323
#2	.0131812	.0156952	61.57987	.3608828	.2274481	.7789009	574.9567
#3	.0132694	.0152377	62.06409	.3450115	.2271633	.7859512	582.4446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.780091	53.03733	.2171181	.0172959	4.767893	1.399483	.8479557
Stddev	.105606	.57079	.0031341	.0013073	.077155	.019988	.0193074
%RSD	1.079801	1.076200	1.443494	7.558509	1.618229	1.428262	2.276933

#1	9.665937	52.61375	.2148194	.0167841	4.819165	1.389738	.8523373
#2	9.800031	52.81182	.2206881	.0163218	4.805356	1.386237	.8646957
#3	9.874305	53.68642	.2158468	.0187816	4.679159	1.422475	.8268341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969615	7.744014	.0453954	-.001653	2.000590	6.941539	.0010621
Stddev	.060724	.058792	.0013495	.000505	.024377	.065807	.0010073
%RSD	3.083032	.7591927	2.972886	30.52011	1.218500	.9480165	94.83602

#1	1.899503	7.706174	.0452818	-.002096	1.996242	6.883285	.0018002
#2	2.005480	7.811746	.0441062	-.001104	2.026849	6.928411	.0014716
#3	2.003862	7.714122	.0467981	-.001761	1.978679	7.012920	-.000085

Sample Name: M4074-02 Acquired: 10/12/2021 16:52:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.422017	.0587186	.0773737
Stddev	.068397	.0010963	.0022069
%RSD	1.065040	1.867009	2.852286

#1	6.354577	.0579184	.0753249
#2	6.420144	.0582693	.0770857
#3	6.491332	.0599682	.0797104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.620	28639.94	6288.133	806.4038	1652.589
Stddev	3.414	682.18	47.137	14.8672	8.706
%RSD	.2312074	2.381904	.7496121	1.843640	.5267930

#1	1478.847	28396.28	6331.503	801.0903	1661.781
#2	1472.689	28113.05	6294.929	794.9235	1644.469
#3	1478.323	29410.49	6237.967	823.1977	1651.518

Sample Name: M4074-03 Acquired: 10/12/2021 16:56:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615849	-.046517	.0285830	.0463557	.0049537	214.5620	1.457632
Stddev	.0113511	.002131	.0020058	.0020558	.0030457	.4265	.001933
%RSD	18.43165	4.582175	7.017395	4.434876	61.48313	.1987708	.1326017

#1	.0485149	-.045674	.0266143	.0476236	.0081105	214.0739	1.459815
#2	.0689732	-.044935	.0285107	.0439838	.0047179	214.7491	1.456939
#3	.0672667	-.048941	.0306240	.0474598	.0020328	214.8629	1.456141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130119	.0159467	75.63305	.3831907	.2471649	.7662563	559.4151
Stddev	.0001820	.0004976	.12453	.0013825	.0009744	.0014862	1.1416
%RSD	1.398445	3.120488	.1646479	.3607793	.3942122	.1939630	.2040778

#1	.0131186	.0161229	75.70675	.3816074	.2468905	.7679717	558.0987
#2	.0128018	.0163323	75.70312	.3838061	.2482471	.7653521	560.0131
#3	.0131154	.0153850	75.48927	.3841586	.2463572	.7654452	560.1336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.868228	54.59726	.2382047	.0171663	4.594447	1.628847	.9398507
Stddev	.016799	.19207	.0005116	.0002785	.308414	.007760	.0125509
%RSD	.1702370	.3517920	.2147547	1.622095	6.712750	.4764187	1.335411

#1	9.864121	54.39665	.2387556	.0171066	4.258718	1.620222	.9426416
#2	9.853863	54.77946	.2381140	.0174698	4.659432	1.631056	.9261393
#3	9.886700	54.61568	.2377446	.0169226	4.865189	1.635263	.9507711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.932567	7.697025	.0368176	-.003780	2.041337	8.242185	-.017098
Stddev	.078680	.032493	.0115146	.000656	.012565	.043114	.002448
%RSD	2.682981	.4221483	31.27461	17.34999	.6155209	.5230903	14.31852

#1	2.844184	7.660680	.0384834	-.003268	2.043103	8.213963	-.019813
#2	2.994980	7.707130	.0245609	-.003553	2.052926	8.291813	-.015057
#3	2.958535	7.723265	.0474085	-.004519	2.027983	8.220779	-.016426

Sample Name: M4074-03 Acquired: 10/12/2021 16:56:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.95575	.0656518	.3375752
Stddev	.02427	.0012341	.0009286
%RSD	.2029834	1.879786	.2750873

#1	11.92895	.0659407	.3375556
#2	11.97624	.0642989	.3385134
#3	11.96205	.0667159	.3366565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.138	29054.00	6259.423	814.4376	1615.150
Stddev	4.755	52.37	22.929	4.3081	2.136
%RSD	.3258912	.1802448	.3663084	.5289610	.1322252

#1	1463.743	29092.99	6281.339	813.1761	1617.162
#2	1459.425	29074.54	6235.601	819.2356	1615.379
#3	1454.246	28994.48	6261.331	810.9011	1612.909

Sample Name: M4074-04 Acquired: 10/12/2021 17:00:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099082	-.036347	.0275426	.0357700	.0093270	197.2435	1.344158
Stddev	.0058215	.002077	.0028852	.0041139	.0005494	.6793	.006285
%RSD	5.296662	5.715465	10.47540	11.50100	5.890044	.3444099	.4676003

#1	.1064343	-.037447	.0274740	.0405164	.0089293	196.4607	1.337485
#2	.1066613	-.037643	.0246923	.0335643	.0090977	197.6795	1.349965
#3	.1166290	-.033951	.0304615	.0332293	.0099538	197.5902	1.345025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116960	.0137029	76.36330	.2758447	.2194107	.7162462	470.2748
Stddev	.0000717	.0000590	.46390	.0011774	.0007958	.0034493	.5118
%RSD	.6132186	.4308326	.6074858	.4268180	.3626845	.4815852	.1088266

#1	.0116726	.0137549	75.86669	.2749228	.2198182	.7131068	470.7295
#2	.0117765	.0136387	76.78548	.2771709	.2184937	.7199387	469.7206
#3	.0116389	.0137151	76.43772	.2754403	.2199203	.7156931	470.3745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.762559	55.64610	.2090227	.0134634	4.202655	1.234924	.8357611
Stddev	.042392	.17594	.0009360	.0004199	.030235	.009272	.0022609
%RSD	.6268682	.3161722	.4478105	3.118688	.7194152	.7507828	.2705198

#1	6.719913	55.53082	.2099996	.0137505	4.178916	1.242207	.8381157
#2	6.804693	55.55886	.2081338	.0129815	4.192355	1.224487	.8355603
#3	6.763072	55.84860	.2089348	.0136583	4.236694	1.238077	.8336073

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.139723	7.355427	.0491932	-.001936	2.962478	6.073591	-.009215
Stddev	.013721	.062100	.0052635	.001328	.021864	.020169	.002459
%RSD	.4370032	.8442725	10.69961	68.57664	.7380393	.3320723	26.68554

#1	3.153212	7.294531	.0551205	-.002495	2.950777	6.050588	-.006782
#2	3.125782	7.353086	.0473936	-.000420	2.948954	6.081946	-.009163
#3	3.140174	7.418664	.0450656	-.002892	2.987703	6.088240	-.011699

Sample Name: M4074-04 Acquired: 10/12/2021 17:00:27 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.551514	.0646524	.4111211
Stddev	.027400	.0005706	.0022056
%RSD	.2868691	.8825833	.5364950

#1	9.520236	.0652958	.4086277
#2	9.563023	.0642078	.4128173
#3	9.571283	.0644536	.4119183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.661	29370.78	6418.040	824.0438	1642.909
Stddev	2.732	80.17	13.838	2.5851	2.310
%RSD	.1843748	.2729420	.2156130	.3137095	.1406271

#1	1483.566	29354.31	6432.664	822.0612	1645.537
#2	1478.531	29300.13	6405.152	826.9676	1641.196
#3	1482.885	29457.90	6416.302	823.1026	1641.994

Sample Name: M4074-05 Acquired: 10/12/2021 17:04:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0784433	-.038807	.0184627	.0412684	.0094838	190.3005	1.307836
Stddev	.0026974	.002809	.0014614	.0062257	.0030211	.4903	.005627
%RSD	3.438713	7.237424	7.915424	15.08596	31.85583	.2576588	.4302401

#1	.0809392	-.038115	.0168020	.0474726	.0101789	190.0000	1.301391
#2	.0755816	-.036409	.0190334	.0413113	.0061757	190.0352	1.311770
#3	.0788090	-.041897	.0195525	.0350214	.0120968	190.8663	1.310348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119219	.0142093	69.31468	.2998273	.2158086	.6821035	508.2753
Stddev	.0001188	.0002361	.31884	.0006009	.0011153	.0054651	2.1313
%RSD	.9964220	1.661812	.4599828	.2004058	.5168177	.8012087	.4193177

#1	.0120347	.0140378	68.95175	.3005143	.2151919	.6783438	508.9123
#2	.0119331	.0144786	69.54967	.2995684	.2151378	.6795941	505.8982
#3	.0117979	.0141114	69.44263	.2993994	.2170961	.6883726	510.0155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.771065	54.61500	.2076410	.0151277	4.602767	1.341515	.8311646
Stddev	.026178	.18082	.0009358	.0003466	.032497	.003660	.0038559
%RSD	.3368713	.3310894	.4506939	2.290906	.7060250	.2727902	.4639131

#1	7.740928	54.67426	.2080608	.0147276	4.640083	1.341770	.8348914
#2	7.788167	54.41198	.2082934	.0153226	4.587521	1.337734	.8314108
#3	7.784100	54.75876	.2065688	.0153330	4.580696	1.345040	.8271915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.371797	7.738489	.0472919	-.003032	1.263598	4.429317	-.015666
Stddev	.004073	.033168	.0049096	.000523	.011016	.026574	.003939
%RSD	.1208054	.4286055	10.38159	17.23443	.8718262	.5999509	25.14560

#1	3.370466	7.772606	.0466303	-.002964	1.276317	4.456121	-.016796
#2	3.368555	7.736501	.0427466	-.002547	1.257040	4.402979	-.018916
#3	3.376369	7.706360	.0524987	-.003585	1.257438	4.428852	-.011285

Sample Name: M4074-05 Acquired: 10/12/2021 17:04:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.97890	.0661027	.3611482
Stddev	.02123	.0006923	.0014662
%RSD	.1933600	1.047258	.4059778

#1	10.95740	.0657181	.3596996
#2	10.97946	.0669018	.3626314
#3	10.99984	.0656880	.3611137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.075	28843.04	6227.960	812.4380	1624.084
Stddev	1.489	57.96	26.511	2.3670	1.446
%RSD	.1023039	.2009338	.4256822	.2913424	.0890375

#1	1453.921	28894.84	6206.165	810.8917	1622.510
#2	1456.755	28853.84	6257.474	815.1629	1624.389
#3	1454.549	28780.45	6220.240	811.2595	1625.354

Sample Name: M4074-06 Acquired: 10/12/2021 17:08:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543851	-.046874	.0263889	.0468063	.0069142	195.6440	1.455723
Stddev	.0097035	.010993	.0010948	.0072266	.0036801	7.7978	.058310
%RSD	6.285264	23.45115	4.148872	15.43940	53.22575	3.985713	4.005549

#1	.1462159	-.045326	.0261970	.0509718	.0047367	204.1257	1.517530
#2	.1651110	-.036738	.0254028	.0509854	.0048427	194.0206	1.447949
#3	.1518285	-.058559	.0275671	.0384618	.0111632	188.7857	1.401690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126575	.0155963	71.96248	.3452139	.2293729	.6953065	563.8507
Stddev	.0005601	.0014177	2.89196	.0011351	.0014159	.0303372	22.8187
%RSD	4.425328	9.089878	4.018711	.3288102	.6172951	4.363142	4.046941

#1	.0132805	.0145212	75.03728	.3439365	.2292612	.7278336	588.9501
#2	.0124964	.0150648	71.55321	.3455985	.2280161	.6903050	558.2446
#3	.0121955	.0172029	69.29696	.3461068	.2308413	.6677808	544.3576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.942729	54.23827	.2208327	.0176473	5.550528	1.629906	.9803318
Stddev	.352704	2.25845	.0005807	.0017894	.295677	.067937	.0097266
%RSD	3.944034	4.163933	.2629655	10.13954	5.326999	4.168186	.9921691

#1	9.319681	56.76155	.2201701	.0194201	5.890579	1.704352	.9868096
#2	8.887784	53.54702	.2210748	.0176800	5.406928	1.614102	.9691472
#3	8.620722	52.40623	.2212531	.0158419	5.354076	1.571263	.9850386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.244590	7.984031	.0664800	-.003197	2.420485	8.758455	-.019546
Stddev	.187841	.018779	.0127711	.000460	.018583	.319566	.005228
%RSD	5.789353	.2352049	19.21049	14.38417	.7677300	3.648655	26.74743

#1	3.426572	7.980540	.0810115	-.003287	2.409181	9.109694	-.025520
#2	3.255803	7.967242	.0570397	-.003605	2.410343	8.680795	-.015802
#3	3.051393	8.004310	.0613887	-.002699	2.441933	8.484877	-.017318

Sample Name: M4074-06 Acquired: 10/12/2021 17:08:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF25 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.75186	.0708856	.3755989
Stddev	.57646	.0032002	.0155082
%RSD	4.191851	4.514601	4.128916

#1	14.37740	.0743955	.3919938
#2	13.63616	.0701316	.3736393
#3	13.24204	.0681297	.3611637

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.941	28795.76	6187.179	806.8688	1612.483
Stddev	1.393	37.95	213.212	6.4700	2.529
%RSD	.0959340	.1317909	3.446034	.8018680	.1568096

#1	1450.392	28832.12	5950.169	805.0135	1610.271
#2	1452.341	28798.76	6247.986	814.0639	1615.239
#3	1453.090	28756.39	6363.383	801.5292	1611.940

Sample Name: M4074-07 Acquired: 10/12/2021 17:12:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2129248	-.039551	.0294653	.0443296	.0126209	215.0492	1.504358
Stddev	.0048562	.008294	.0029560	.0056426	.0021752	4.8241	.033696
%RSD	2.280701	20.97081	10.03202	12.72870	17.23472	2.243276	2.239863

#1	.2156337	-.040757	.0283315	.0435874	.0101399	219.8903	1.537783
#2	.2073184	-.030720	.0272441	.0503065	.0135225	215.0150	1.504891
#3	.2158222	-.047177	.0328204	.0390948	.0142004	210.2422	1.470398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143086	.0167999	71.73444	.2513968	.2621973	.7780812	570.3703
Stddev	.0001875	.0000800	1.52748	.0012994	.0013616	.0160785	13.6093
%RSD	1.310222	.4764786	2.129354	.5168599	.5192860	2.066429	2.386051

#1	.0143573	.0167165	73.33972	.2513573	.2632729	.7934667	584.1211
#2	.0144669	.0168071	71.56465	.2501177	.2626526	.7793874	570.0830
#3	.0141016	.0168761	70.29895	.2527155	.2606665	.7613894	556.9069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77979	62.21713	.2439114	.0166750	5.286083	1.324952	.8628148
Stddev	.23504	1.30171	.0003363	.0007273	.231878	.029091	.0100120
%RSD	2.180421	2.092198	.1378840	4.361667	4.386577	2.195645	1.160387

#1	11.01166	63.56156	.2437680	.0175002	5.509401	1.356337	.8520681
#2	10.78602	62.12701	.2442957	.0163974	5.046501	1.319629	.8644973
#3	10.54169	60.96283	.2436706	.0161274	5.302345	1.298890	.8718789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.043819	9.686725	.0325198	-.002387	.7261656	6.779521	-.016971
Stddev	.125625	.068892	.0133400	.000333	.0167919	.111691	.006005
%RSD	3.106604	.7112050	41.02115	13.95782	2.312401	1.647471	35.38059

#1	4.174451	9.729968	.0367748	-.002021	.7405947	6.906028	-.014317
#2	4.033124	9.722929	.0432134	-.002673	.7301680	6.737988	-.023846
#3	3.923884	9.607279	.0175714	-.002465	.7077342	6.694547	-.012751

Sample Name: M4074-07 Acquired: 10/12/2021 17:12:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.84958	.0905081	.3514823
Stddev	.22899	.0030245	.0075393
%RSD	2.110556	3.341653	2.144992

#1	11.07918	.0935619	.3593479
#2	10.84835	.0904486	.3507806
#3	10.62122	.0875139	.3443184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.968	29591.13	6383.383	829.7226	1628.546
Stddev	2.347	32.21	110.243	1.5894	3.307
%RSD	.1569865	.1088449	1.727031	.1915534	.2030653

#1	1495.549	29577.51	6259.971	830.1340	1625.550
#2	1492.385	29627.91	6418.057	831.0658	1627.994
#3	1496.970	29567.97	6472.120	827.9680	1632.094

Sample Name: M4074-11 Acquired: 10/12/2021 17:16:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1379135	-.038795	.0317358	.0449570	.0096086	204.8240	1.431158
Stddev	.0137469	.008554	.0044321	.0027929	.0024068	.7255	.001794
%RSD	9.967755	22.04836	13.96554	6.212302	25.04824	.3542035	.1253611

#1	.1327439	-.044336	.0318796	.0421613	.0115595	204.3179	1.429125
#2	.1275009	-.043106	.0360942	.0449627	.0069191	204.4990	1.432519
#3	.1534958	-.028944	.0272336	.0477470	.0103472	205.6552	1.431832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153689	.0185365	72.94836	.3275675	.2666504	.7834485	598.4710
Stddev	.0002443	.0003006	.10433	.0008502	.0006586	.0047314	2.9993
%RSD	1.589660	1.621763	.1430213	.2595488	.2469736	.6039235	.5011521

#1	.0155319	.0182869	73.06830	.3282245	.2673668	.7779853	595.9682
#2	.0150880	.0188702	72.87861	.3266073	.2665129	.7862144	597.6494
#3	.0154868	.0184524	72.89817	.3278708	.2660714	.7861459	601.7954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.691525	53.85336	.2327273	.0181346	4.802476	1.479033	1.018273
Stddev	.010600	.09332	.0010831	.0009810	.197827	.006730	.005144
%RSD	.1219550	.1732919	.4654028	5.409350	4.119280	.4550460	.5051611

#1	8.679357	53.74605	.2329110	.0188634	4.668466	1.471562	1.019519
#2	8.696462	53.89852	.2337068	.0170193	4.709272	1.480917	1.022679
#3	8.698755	53.91552	.2315640	.0185213	5.029689	1.484621	1.012620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.947547	8.535655	.0277165	-.002828	1.983509	7.627059	-.006602
Stddev	.081188	.057213	.0124680	.000708	.012119	.057682	.002525
%RSD	2.754418	.6702769	44.98388	25.03940	.6109654	.7562828	38.24707

#1	2.857070	8.476384	.0155436	-.002011	1.974368	7.654004	-.009176
#2	3.014043	8.540024	.0404599	-.003266	1.978905	7.560835	-.006499
#3	2.971527	8.590558	.0271461	-.003207	1.997255	7.666337	-.004129

Sample Name: M4074-11 Acquired: 10/12/2021 17:16:34 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.537420	.0669051	.3314745
Stddev	.033828	.0007877	.0016302
%RSD	.3546869	1.177375	.4918006

#1	9.507678	.0665844	.3331670
#2	9.530363	.0678026	.3299148
#3	9.574220	.0663283	.3313418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.407	29958.33	6482.412	840.0352	1630.280
Stddev	2.590	60.96	24.299	2.9996	1.670
%RSD	.1712566	.2034773	.3748407	.3570830	.1024346

#1	1514.597	30010.12	6471.764	840.5642	1630.559
#2	1513.077	29891.15	6510.217	836.8062	1631.793
#3	1509.548	29973.73	6465.255	842.7351	1628.488

Sample Name: M4074-12 Acquired: 10/12/2021 17:20:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032025	-.031153	.0370597	.0399082	.0043449	188.2887	1.353419
Stddev	.0060008	.002487	.0016840	.0044290	.0065664	1.6626	.011447
%RSD	5.814555	7.983203	4.544012	11.09789	151.1290	.8829979	.8457469

#1	.0972092	-.033359	.0351801	.0449975	.0012316	189.9125	1.363711
#2	.1092107	-.028458	.0375681	.0369278	-.000086	186.5899	1.341091
#3	.1031876	-.031642	.0384310	.0377994	.011889	188.3637	1.355454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125255	.0148214	65.41902	.2896470	.2244819	.6576194	493.3560
Stddev	.0001002	.0000902	.55203	.0034471	.0004755	.0103467	3.8018
%RSD	.7998589	.6085590	.8438314	1.190107	.2118108	1.573360	.7705914

#1	.0125767	.0148945	65.85466	.2857267	.2249517	.6676583	496.6419
#2	.0125898	.0147206	64.79822	.2922036	.2240009	.6469901	489.1921
#3	.0124101	.0148491	65.60420	.2910107	.2244931	.6582097	494.2342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.285559	49.63028	.2021105	.0145038	4.233603	1.223416	.8941833
Stddev	.076046	.45528	.0024529	.0007791	.098909	.016440	.0020993
%RSD	.9178105	.9173503	1.213661	5.371866	2.336273	1.343738	.2347739

#1	8.347449	50.03594	.2011193	.0148567	4.156576	1.238034	.8927579
#2	8.200668	49.13786	.2049040	.0136107	4.345144	1.205619	.8965940
#3	8.308560	49.71705	.2003083	.0150441	4.199089	1.226596	.8931979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.824333	7.430206	.0379913	-.003346	2.688849	4.231875	-.009639
Stddev	.060199	.031410	.0144749	.000382	.008052	.019522	.005587
%RSD	2.131447	.4227384	38.10053	11.40899	.2994666	.4613026	57.96902

#1	2.884064	7.407117	.0533371	-.003193	2.680106	4.209364	-.007207
#2	2.763676	7.465974	.0245823	-.003781	2.695960	4.242117	-.005679
#3	2.825260	7.417527	.0360546	-.003065	2.690481	4.244145	-.016030

Sample Name: M4074-12 Acquired: 10/12/2021 17:20:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.962460	.0633739	.3606417
Stddev	.090348	.0008487	.0038565
%RSD	1.008074	1.339207	1.069356

#1	9.054764	.0631071	.3644711
#2	8.874204	.0626907	.3567586
#3	8.958410	.0643240	.3606954

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.868	29882.29	6481.227	842.4105	1652.975
Stddev	2.428	214.84	15.038	11.1260	3.218
%RSD	.1615773	.7189402	.2320299	1.320732	.1946999

#1	1501.881	30100.84	6491.094	854.4898	1650.229
#2	1501.088	29671.37	6488.668	832.5820	1652.178
#3	1505.634	29874.65	6463.918	840.1596	1656.517

Sample Name: M4074-13 Acquired: 10/12/2021 17:24:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010388	-.044569	.0463596	.0391473	.0075900	200.3360	1.384799
Stddev	.0063188	.006481	.0045163	.0077078	.0021483	.3499	.003211
%RSD	6.253831	14.54183	9.741815	19.68916	28.30515	.1746501	.2318649

#1	.1007707	-.046052	.0478397	.0480044	.0100706	200.1332	1.381699
#2	.0948583	-.037475	.0499500	.0354768	.0063696	200.1346	1.384587
#3	.1074873	-.050180	.0412889	.0339608	.0063297	200.7400	1.388111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139693	.0176291	68.65943	.3566483	.2380252	.7079755	571.5052
Stddev	.0000928	.0003856	.23420	.0007877	.0005324	.0013848	.9799
%RSD	.6641766	2.187526	.3411089	.2208552	.2236585	.1956023	.1714588

#1	.0139119	.0179001	68.42924	.3558774	.2379030	.7067003	570.3978
#2	.0140763	.0177996	68.65161	.3566158	.2386080	.7077776	571.8578
#3	.0139196	.0171876	68.89745	.3574518	.2375645	.7094486	572.2600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.056769	54.20395	.2277124	.0166439	4.795919	1.575650	1.029329
Stddev	.020119	.20528	.0010842	.0003904	.155547	.007931	.005614
%RSD	.2851008	.3787177	.4761372	2.345472	3.243329	.5033707	.5454118

#1	7.038580	53.96751	.2289318	.0168235	4.954558	1.584599	1.023468
#2	7.053348	54.30767	.2268572	.0161960	4.789539	1.569488	1.034658
#3	7.078380	54.33668	.2273481	.0169120	4.643660	1.572864	1.029861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.183035	8.187639	.0399366	-.003844	2.178241	5.122714	-.018530
Stddev	.054879	.054353	.0037489	.000509	.015166	.003486	.004089
%RSD	1.724102	.6638474	9.387178	13.24684	.6962677	.0680594	22.06816

#1	3.164233	8.131078	.0391689	-.003757	2.161140	5.126396	-.023155
#2	3.140029	8.192363	.0366309	-.003384	2.190061	5.122281	-.015392
#3	3.244844	8.239477	.0440099	-.004392	2.183523	5.119464	-.017044

Sample Name: M4074-13 Acquired: 10/12/2021 17:24:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.25072	.0680563	.2678114
Stddev	.02787	.0007170	.0011697
%RSD	.2274615	1.053477	.4367651

#1	12.23490	.0678458	.2685382
#2	12.23436	.0674682	.2664621
#3	12.28289	.0688550	.2684339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.890	29957.94	6503.628	839.5899	1629.319
Stddev	2.806	195.96	24.123	5.0827	1.306
%RSD	.1865687	.6541077	.3709163	.6053743	.0801723

#1	1501.832	30132.48	6517.302	843.3395	1630.705
#2	1507.086	29995.37	6517.807	841.6252	1629.141
#3	1502.752	29745.97	6475.774	833.8050	1628.111

Sample Name: M4074-14 Acquired: 10/12/2021 17:28:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0788177	-.028854	.0200490	.0408673	.0015881	217.8835	1.129332
Stddev	.0030108	.002760	.0030334	.0074789	.0006155	.3580	.005846
%RSD	3.819896	9.564182	15.13000	18.30047	38.75635	.1643238	.5176674

#1	.0822006	-.030649	.0224728	.0322459	.0021751	217.4910	1.129430
#2	.0778204	-.030238	.0210270	.0456108	.0009476	217.9674	1.123437
#3	.0764322	-.025677	.0166472	.0447453	.0016417	218.1921	1.135128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119122	.0136118	81.43116	.3551834	.2269984	.6918506	483.8511
Stddev	.0000871	.0001145	.24232	.0002577	.0003753	.0023326	2.5590
%RSD	.7312191	.8410237	.2975704	.0725554	.1653273	.3371552	.5288919

#1	.0119952	.0137284	81.35358	.3554600	.2265977	.6892900	481.4496
#2	.0118215	.0136075	81.23714	.3551401	.2273416	.6924073	486.5429
#3	.0119200	.0134996	81.70276	.3549501	.2270561	.6938544	483.5608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.62728	47.75560	.2230784	.0138408	5.737730	1.276708	.7593192
Stddev	.01808	.26367	.0010734	.0002849	.146430	.006774	.0041075
%RSD	.1431865	.5521299	.4811744	2.058732	2.552054	.5305645	.5409411

#1	12.63088	47.67378	.2242198	.0141069	5.863837	1.271591	.7632731
#2	12.60768	48.05048	.2229260	.0138753	5.577134	1.284390	.7550737
#3	12.64330	47.54253	.2220893	.0135402	5.772219	1.274143	.7596107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825753	7.042662	.0504024	-.002809	1.578919	8.277083	.0026458
Stddev	.045344	.030146	.0043532	.000639	.027188	.048698	.0047326
%RSD	2.483556	.4280424	8.636858	22.76426	1.721960	.5883438	178.8683

#1	1.815120	7.077342	.0454034	-.002671	1.603145	8.297989	.0013712
#2	1.786671	7.027920	.0524468	-.002249	1.549513	8.311838	-.001319
#3	1.875468	7.022725	.0533571	-.003506	1.584098	8.221424	.007885

Sample Name: M4074-14 Acquired: 10/12/2021 17:28:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.707240	.0461255	.3028516
Stddev	.018857	.0007898	.0029980
%RSD	.4005898	1.712350	.9899389

#1	4.685562	.0453141	.3038687
#2	4.719851	.0461706	.2994773
#3	4.716305	.0468918	.3052087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.192	29063.76	6333.114	817.1000	1634.935
Stddev	1.184	39.17	28.161	5.8998	1.682
%RSD	.0810350	.1347605	.4446632	.7220409	.1028626

#1	1460.115	29023.46	6321.138	810.3236	1633.010
#2	1462.460	29101.69	6312.920	821.0945	1636.123
#3	1461.001	29066.13	6365.283	819.8819	1635.670

Sample Name: M4074-15 Acquired: 10/12/2021 17:32:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710475	-.030495	.0310597	.0548770	.0060973	246.7960	1.337032
Stddev	.0010755	.005025	.0012505	.0036973	.0014969	.7877	.001458
%RSD	1.513795	16.47959	4.026117	6.737467	24.55030	.3191614	.1090110

#1	.0720567	-.027316	.0301093	.0529481	.0068680	246.4038	1.335800
#2	.0699161	-.036289	.0324764	.0525430	.0043721	247.7028	1.338641
#3	.0711698	-.027880	.0305936	.0591399	.0070519	246.2814	1.336654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111690	.0145251	100.5502	.4521873	.2498549	.7846359	457.8324
Stddev	.0002432	.0004423	.2250	.0009831	.0011434	.0023448	2.5499
%RSD	2.177281	3.044769	.2238159	.2174095	.4576105	.2988387	.5569409

#1	.0114389	.0146527	100.5688	.4512904	.2504697	.7820889	457.6796
#2	.0109668	.0140330	100.7654	.4520333	.2485357	.7867047	460.4552
#3	.0111014	.0148895	100.3165	.4532384	.2505593	.7851142	455.3623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.48430	46.96496	.2518607	.0139419	6.548772	1.388573	.8968446
Stddev	.04270	.26858	.0014419	.0004692	.223832	.010507	.0073690
%RSD	.2191758	.5718770	.5725117	3.365645	3.417930	.7567114	.8216562

#1	19.43794	46.85020	.2531560	.0134597	6.686454	1.389702	.8886804
#2	19.52202	47.27186	.2521190	.0139691	6.669361	1.398470	.9030031
#3	19.49295	46.77283	.2503070	.0143970	6.290501	1.377547	.8988502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.907757	8.471679	.0304670	-.002491	3.607472	10.23861	.0001675
Stddev	.008322	.057642	.0087720	.000314	.025810	.03291	.0013351
%RSD	.4362050	.6804048	28.79192	12.60587	.7154649	.3214299	796.8827

#1	1.901167	8.522969	.0247795	-.002767	3.618504	10.26623	.0002703
#2	1.904997	8.409298	.0405693	-.002149	3.577979	10.20220	.0014483
#3	1.917108	8.482771	.0260521	-.002555	3.625932	10.24739	-.001216

Sample Name: M4074-15 Acquired: 10/12/2021 17:32:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.103834	.0465435	.5520156
Stddev	.027489	.0003350	.0016350
%RSD	.4503491	.7198426	.2961937

#1	6.093705	.0468205	.5504367
#2	6.134950	.0466390	.5519085
#3	6.082847	.0461711	.5537015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.886	29916.48	6459.847	839.7029	1615.737
Stddev	4.719	81.52	32.627	3.1788	6.823
%RSD	.3148428	.2724769	.5050706	.3785608	.4222707

#1	1493.602	29922.54	6425.782	843.0210	1608.154
#2	1500.376	29832.10	6462.943	839.4032	1621.379
#3	1502.681	29994.79	6490.815	836.6846	1617.678

Sample Name: M4074-16 Acquired: 10/12/2021 17:36:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116574	-.037485	.0472495	.0396898	.0026420	199.9017	1.504548
Stddev	.0097833	.002160	.0017692	.0059120	.0043307	2.1711	.016485
%RSD	8.761909	5.762174	3.744408	14.89542	163.9164	1.086108	1.095678

#1	.1042619	-.039976	.0485774	.0354631	-.000842	202.4087	1.523543
#2	.1227507	-.036133	.0479301	.0464456	.007490	198.6357	1.493973
#3	.1079597	-.036345	.0452411	.0371606	.001278	198.6607	1.496128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101779	.0127243	81.49534	.3633501	.2694819	.7396536	385.0340
Stddev	.0000799	.0001707	.76950	.0004196	.0013560	.0057526	3.3098
%RSD	.7845010	1.341545	.9442241	.1154763	.5032074	.7777386	.8596066

#1	.0100863	.0125344	82.35749	.3629209	.2688006	.7460168	388.8041
#2	.0102143	.0127734	80.87811	.3637594	.2710435	.7348214	382.6062
#3	.0102330	.0128650	81.25042	.3633700	.2686015	.7381225	383.6917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.31764	42.32839	.2068073	.0107567	4.381288	1.243238	.9005203
Stddev	.17055	.30107	.0017599	.0004791	.128680	.012102	.0126314
%RSD	.8828586	.7112787	.8509731	4.454327	2.937028	.9734430	1.402683

#1	19.51432	42.62670	.2083932	.0112605	4.418560	1.256565	.9150581
#2	19.22799	42.02463	.2049140	.0103067	4.238086	1.232934	.8922305
#3	19.21061	42.33385	.2071147	.0107030	4.487216	1.240214	.8942724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.716977	9.004386	.0481931	-.001626	8.751742	6.221200	-.006796
Stddev	.036675	.011039	.0074653	.001046	.024020	.017152	.002264
%RSD	1.349838	.1225981	15.49035	64.31335	.2744555	.2757022	33.30550

#1	2.751996	9.012375	.0551576	-.002744	8.731168	6.240146	-.006109
#2	2.720091	8.991789	.0491100	-.000672	8.778137	6.206729	-.004956
#3	2.678845	9.008994	.0403117	-.001461	8.745921	6.216726	-.009324

Sample Name: M4074-16 Acquired: 10/12/2021 17:36:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.620065	.0537707	.6127748
Stddev	.095182	.0005921	.0081215
%RSD	1.104196	1.101088	1.325364

#1	8.729964	.0536236	.6220021
#2	8.563949	.0532661	.6067115
#3	8.566281	.0544224	.6096108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.313	31067.10	6743.962	872.8256	1639.885
Stddev	2.816	63.48	40.088	3.3124	2.193
%RSD	.1805702	.2043215	.5944234	.3795022	.1337184

#1	1556.241	31042.58	6702.910	869.0023	1637.652
#2	1559.927	31139.18	6783.010	874.6439	1642.036
#3	1561.770	31019.55	6745.967	874.8306	1639.965

Sample Name: M4074-17 Acquired: 10/12/2021 17:40:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145792	.0043860	.0199068	.0043556	-.000359	.1937499	.0009129
Stddev	.0045980	.0042116	.0018663	.0035960	.000339	.0041999	.0001114
%RSD	31.53815	96.02457	9.375263	82.56096	94.55730	2.167708	12.19920

#1	.0188305	.0053159	.0213342	.0002052	-.000153	.1891677	.0007971
#2	.0152080	-.000213	.0205912	.0065398	-.000173	.1974165	.0010193
#3	.0096992	.008055	.0177949	.0063220	-.000750	.1946656	.0009223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003448	.0001892	.1358704	.0065567	.0044638	.0247343	11.80256
Stddev	.0001171	.0002024	.0139003	.0004094	.0002235	.0011063	.02111
%RSD	33.94834	106.9483	10.23055	6.243528	5.006024	4.472828	.1788713

#1	.0002149	-.000032	.1221406	.0069128	.0045934	.0244823	11.80552
#2	.0003774	.000235	.1499351	.0061094	.0045923	.0237757	11.82203
#3	.0004422	.000365	.1355355	.0066478	.0042058	.0259449	11.78012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123635	.0353695	.0167406	.0006735	-.149100	.0008404	.0049495
Stddev	.0001660	.0099705	.0001995	.0001433	.089134	.0015593	.0018159
%RSD	1.342804	28.18963	1.191884	21.28539	59.78096	185.5418	36.68964

#1	.0123686	.0332469	.0165107	.0005445	-.057304	-.000256	.0028724
#2	.0125270	.0266312	.0168424	.0008278	-.235308	.002625	.0057391
#3	.0121951	.0462304	.0168687	.0006481	-.154689	.000152	.0062369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.897994	.0132619	.0008041	.0005070	9.786852	.1893456	.0019795
Stddev	.043489	.0009581	.0007696	.0001329	.040683	.0009264	.0023584
%RSD	4.842954	7.224076	95.70685	26.21651	.4156929	.4892416	119.1420

#1	-.859719	.0121963	.0008166	.0005913	9.833238	.1889619	-.000461
#2	-.888978	.0140521	.0000284	.0003538	9.757229	.1886728	.004247
#3	-.945284	.0135372	.0015674	.0005759	9.770088	.1904022	.002153

Sample Name: M4074-17 Acquired: 10/12/2021 17:40:46 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCF61 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0125451	-.000822	-.010402
Stddev	.0002606	.000628	.000084
%RSD	2.077431	76.45922	.8028377

#1	.0123792	-.001107	-.010489
#2	.0124107	-.001257	-.010323
#3	.0128455	-.000101	-.010394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.728	26874.45	5741.499	765.8572	1771.885
Stddev	1.313	32.99	21.851	3.2938	2.403
%RSD	.0956474	.1227510	.3805779	.4300799	.1356208

#1	1371.701	26904.21	5751.016	762.2394	1769.395
#2	1374.207	26880.15	5716.504	768.6823	1772.070
#3	1372.276	26838.98	5756.978	766.6500	1774.190

Sample Name: M4074-18 Acquired: 10/12/2021 17:44:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083205	.0007458	.0157653	-.001238	.0000693	.1496816	.0009082
Stddev	.0099066	.0020647	.0003491	.002192	.0021521	.0086723	.0003183
%RSD	119.0628	276.8483	2.214497	177.0159	3107.437	5.793812	35.04265

#1	.0125903	-.000044	.0158369	-.001342	-.001786	.1500463	.0011223
#2	-.003005	.003089	.0160731	-.003376	.002429	.1581657	.0005425
#3	.015376	-.000807	.0153859	.001004	-.000435	.1408327	.0010597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002671	.0007484	.9692962	.0014288	.0026218	.0135078	12.33271
Stddev	.0000805	.0000352	.0101315	.0008065	.0004459	.0003193	.06651
%RSD	30.13969	4.705258	1.045243	56.44856	17.00887	2.364158	.5393255

#1	.0003560	.0007089	.9662799	.0021607	.0021113	.0131671	12.27880
#2	.0001990	.0007764	.9805933	.0015616	.0028189	.0138003	12.31228
#3	.0002464	.0007600	.9610154	.0005641	.0029352	.0135561	12.40704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130917	.0264716	.0095443	.0012974	.0569806	.0028670	.0901470
Stddev	.0000689	.0371781	.0004058	.0004920	.0800366	.0023578	.0012525
%RSD	.5259412	140.4454	4.251379	37.92529	140.4629	82.23979	1.389401

#1	.0130140	-.016388	.0099903	.0014128	.0199455	.0055256	.0888813
#2	.0131451	.045776	.0091970	.0017215	.0021691	.0010298	.0913859
#3	.0131159	.050026	.0094456	.0007579	.1488272	.0020454	.0901739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.900278	.0184620	.0010072	.0004171	10.09647	.1831705	.0017723
Stddev	.043021	.0025553	.0006522	.0008419	.03780	.0035864	.0013422
%RSD	4.778686	13.84098	64.75216	201.8183	.3744197	1.957959	75.72995

#1	-.944588	.0211807	.0010885	.0000026	10.10659	.1807204	.0017501
#2	-.858673	.0161096	.0003182	-.000137	10.12818	.1815041	.0004414
#3	-.897572	.0180955	.0016151	.001386	10.05464	.1872869	.0031255

Sample Name: M4074-18 Acquired: 10/12/2021 17:44:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCF62 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0119952	-.001234	-.010585
Stddev	.0010674	.001002	.000010
%RSD	8.898449	81.22294	.0958166

#1	.0123363	-.000273	-.010574
#2	.0128504	-.001157	-.010593
#3	.0107990	-.002273	-.010589

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1348.631	26476.59	5627.113	753.9040	1744.067
Stddev	4.171	48.25	9.968	1.9972	1.467
%RSD	.3092499	.1822327	.1771505	.2649165	.0841380

#1	1349.723	26526.06	5616.116	753.5209	1745.371
#2	1352.148	26474.06	5629.667	756.0651	1744.353
#3	1344.024	26429.66	5635.556	752.1261	1742.478

Sample Name: CCV053 Acquired: 10/12/2021 17:49:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.850333	4.947920	24.64720	4.970752	4.878425	407.7433	10.13974
Stddev	.030028	.013666	.02882	.015799	.012393	1.7069	.04178
%RSD	.6190904	.2761867	.1169457	.3178394	.2540290	.4186168	.4120789

#1	4.838166	4.934146	24.63618	4.952733	4.874708	405.7728	10.09851
#2	4.828298	4.948141	24.62551	4.977296	4.868316	408.6915	10.18206
#3	4.884535	4.961474	24.67991	4.982228	4.892250	408.7656	10.13864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4845007	2.477834	404.8287	15.11876	2.504526	14.79419	410.2068
Stddev	.0039955	.004939	1.2481	.01658	.006224	.04738	1.7419
%RSD	.8246669	.1993189	.3082989	.1096470	.2485043	.3202792	.4246436

#1	.4825807	2.472393	403.3958	15.10248	2.503324	14.74807	408.5821
#2	.4818277	2.479076	405.6788	15.13562	2.498991	14.84275	409.9923
#3	.4890938	2.482034	405.4114	15.11817	2.511263	14.79176	412.0461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66058	391.8248	2.449863	1.287112	405.7848	2.436717	14.60980
Stddev	.02934	2.1224	.006792	.000374	1.9537	.015987	.06372
%RSD	.2001108	.5416756	.2772407	.0290664	.4814688	.6560678	.4361187

#1	14.62672	389.5113	2.452741	1.286683	403.5293	2.418434	14.58372
#2	14.67839	392.2813	2.442107	1.287287	406.8727	2.448065	14.68242
#3	14.67664	393.6819	2.454743	1.287367	406.9524	2.443652	14.56326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.5223	5.291769	4.792959	4.895206	5.195865	4.710180	5.018903
Stddev	.5857	.003521	.039183	.016671	.013147	.036975	.008080
%RSD	.3943265	.0665338	.8175084	.3405594	.2530337	.7850075	.1609927

#1	147.8467	5.289058	4.758497	4.878118	5.209009	4.688792	5.009761
#2	148.8337	5.290502	4.784800	4.896072	5.182714	4.688873	5.021857
#3	148.8864	5.295748	4.835578	4.911426	5.195871	4.752875	5.025090

Sample Name: CCV053 Acquired: 10/12/2021 17:49:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.884266	4.990184	4.785516
Stddev	.013289	.026382	.015487
%RSD	.2720852	.5286762	.3236319

#1	4.868965	4.965548	4.773099
#2	4.890912	5.018020	4.802870
#3	4.892922	4.986983	4.780579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1148.773	24014.33	5286.091	630.4799	1392.337
Stddev	4.022	76.73	27.006	3.0772	2.404
%RSD	.3500710	.3194997	.5108941	.4880751	.1726898

#1	1151.233	23936.85	5280.828	627.7034	1393.329
#2	1150.954	24015.87	5315.342	633.7884	1394.088
#3	1144.132	24090.28	5262.105	629.9479	1389.596

Sample Name: CCB053 Acquired: 10/12/2021 17:53:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017070	.0051353	.0011277	.0015679	-.000093	.0001539
Stddev	.0031831	.0025499	.0022650	.0068231	.002530	.0085435
%RSD	186.4756	49.65436	200.8568	435.1728	2714.830	5551.867

#1	-.001268	.0046913	.0013531	-.004556	-.002887	-.000342
#2	.001325	.0078780	.0032716	.000337	.002042	-.008131
#3	.005064	.0028365	-.001242	.008923	.000565	.008935

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000495	.0001922	.0000620	.0151138	.0001946	.0001512
Stddev	.001320	.0001636	.0000935	.0020404	.0001556	.0002048
%RSD	266.6840	85.10309	150.9164	13.50021	79.95799	135.4537

#1	-.001993	.0003391	.0000177	.0129965	.0000354	.0003181
#2	.000016	.0002217	.0001694	.0170675	.0002021	.0002127
#3	.000493	.0000159	-.000001	.0152774	.0003464	-.000077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000830	.0092610	.0001905	-.038818	-.000731	.0005518
Stddev	.002182	.0007721	.0003897	.015300	.000416	.0003877
%RSD	262.9768	8.337249	204.5991	39.41591	56.84611	70.26696

#1	.000671	.0093349	.0006395	-.045872	-.000332	.0009849
#2	.000172	.0084546	-.000060	-.049319	-.001162	.0002371
#3	-.003333	.0099935	-.000009	-.021263	-.000701	.0004333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.100327	-.001345	-.001558	.1093515	-.003851	F .0108521
Stddev	.114447	.002512	.000944	.0458400	.005156	.0014215
%RSD	114.0746	186.7618	60.58437	41.91984	133.8695	13.09936

#1	-.004570	.000661	-.002648	.1467790	-.006886	.0099358
#2	-.227080	-.004162	-.001049	.0582234	.002102	.0124897
#3	-.069331	-.000533	-.000978	.1230521	-.006770	.0101307

Sample Name: CCB053 Acquired: 10/12/2021 17:53:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v4) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000131	-.013755	.0016690	-.001881	.0002757	.0019964
Stddev	.000704	.005806	.0010357	.002234	.0008804	.0026563
%RSD	535.4553	42.21115	62.05558	118.7626	319.3835	133.0535

#1	-.000004	-.008842	.0020549	-.004052	.0004224	-.001047
#2	-.000890	-.012261	.0024563	-.002002	.0010735	.003849
#3	.000500	-.020163	.0004957	.000411	-.000669	.003187

Elem	Sr4077
Units	ppm
Avg	-.000075
Stddev	.000009
%RSD	12.02725

#1	-.000083
#2	-.000065
#3	-.000075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.534	25782.05	5495.767	733.5907	1699.373
Stddev	1.965	67.60	14.178	1.5027	2.882
%RSD	.1490631	.2621810	.2579867	.2048484	.1695992

#1	1316.938	25747.75	5500.308	731.8584	1696.342
#2	1320.729	25738.47	5479.875	734.3694	1702.078
#3	1317.935	25859.91	5507.119	734.5443	1699.699