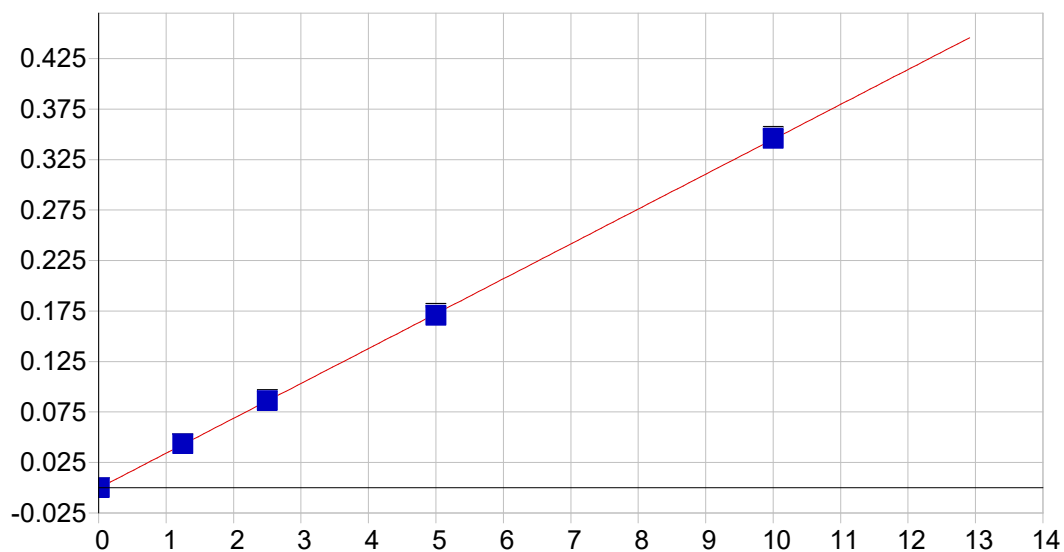


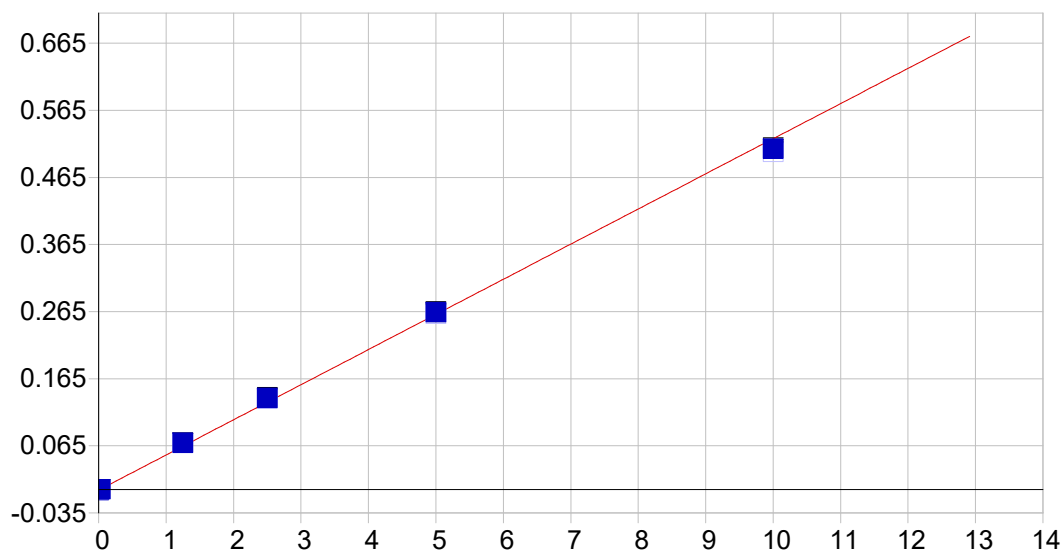


As 189.042 {479}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000385	Re-Slope:	1.000000
A1 (Gain):	0.034545	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.007787		
Predicted MQL:	0.025956		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.01000	.01162	.002	16.2	.00002	.000	1
S2	1.2500	1.2684	.018	1.47	.04354	.000	1
S3	2.5000	2.5077	.008	.307	.08647	.001	1
S4	5.0000	4.9520	-.048	-.961	.17113	.002	1
S5	10.000	10.020	.020	.204	.34667	.001	1

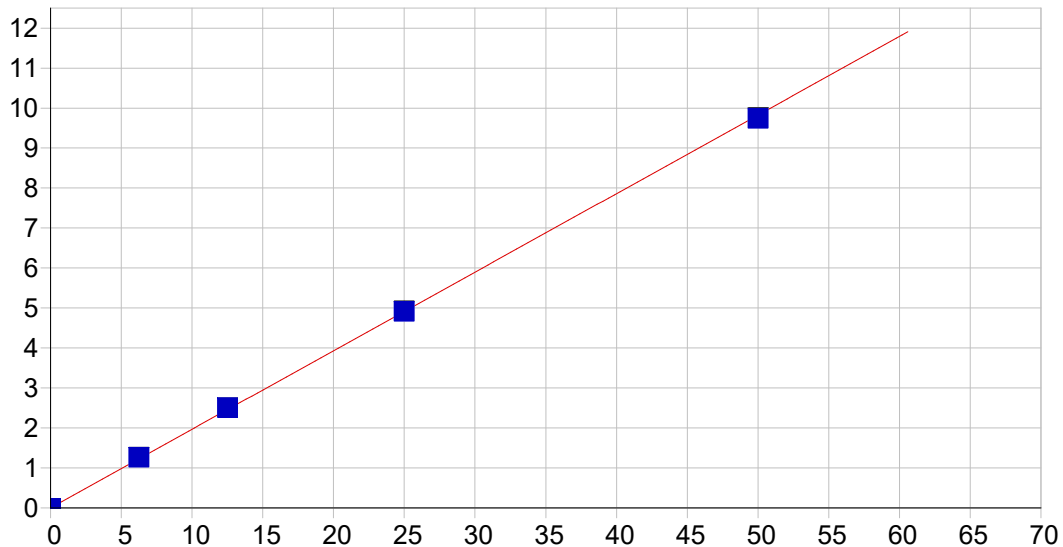


TI 190.856 {477}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001036 Re-Slope: 1.000000
 A1 (Gain): 0.052378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999405 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.004676
 Predicted MQL: 0.015585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00104	.000	1
S1	.02500	.02626	.001	5.03	.00028	.000	1
S2	1.2500	1.3435	.094	7.48	.06874	.000	1
S3	2.5000	2.6241	.124	4.96	.13522	.001	1
S4	5.0000	5.0628	.063	1.26	.26176	.001	1
S5	10.000	9.7183	-.282	-2.82	.50322	.001	1

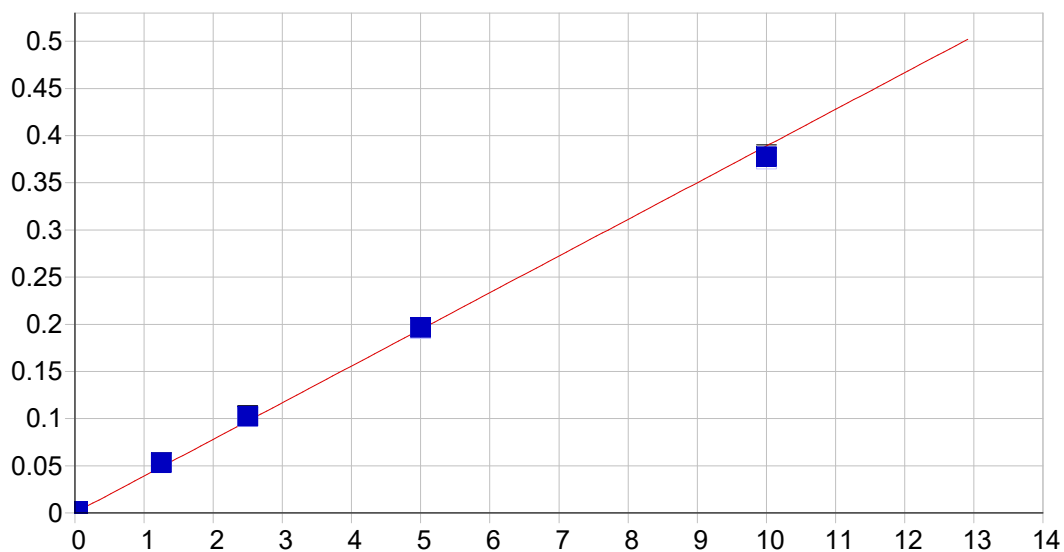


Pb 220.353 {453}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000557 Re-Slope: 1.000000
 A1 (Gain): 0.196484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.002515
 Predicted MQL: 0.008384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.01000	.01223	.002	22.3	.00296	.000	1
S2	6.2500	6.4197	.170	2.72	1.2626	.004	1
S3	12.500	12.745	.245	1.96	2.5061	.006	1
S4	25.000	24.994	-.006	-.022	4.9144	.007	1
S5	50.000	49.589	-.411	-.822	9.7496	.014	1

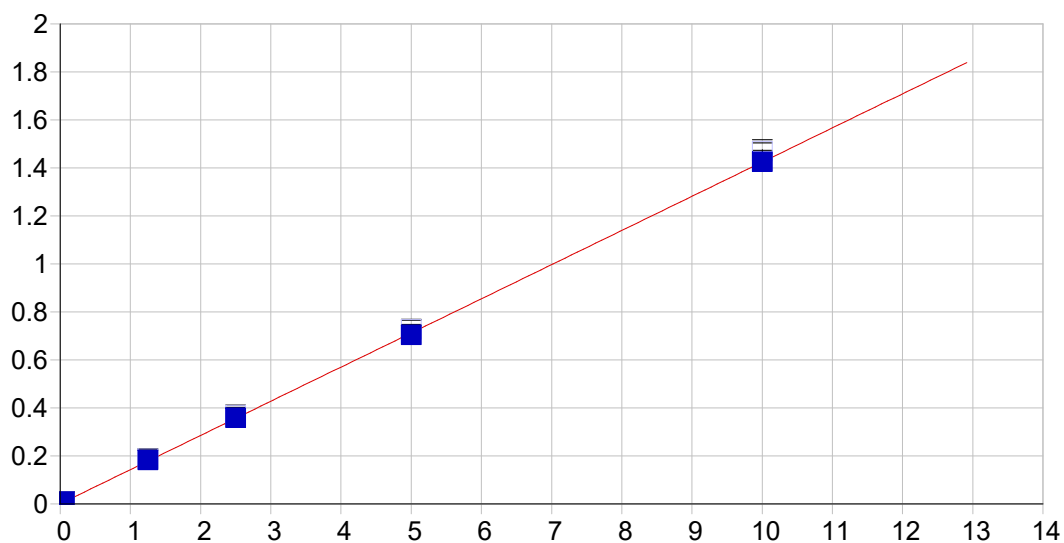


Se 196.090 {472}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.038875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999295 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.006853
 Predicted MQL: 0.022843

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00024	.000	1
S1	.03500	.03966	.005	13.3	.00179	.000	1
S2	1.2500	1.3616	.112	8.93	.05283	.000	1
S3	2.5000	2.6283	.128	5.13	.10172	.001	1
S4	5.0000	5.0472	.047	.945	.19505	.000	1
S5	10.000	9.7081	-.292	-2.92	.37483	.002	1

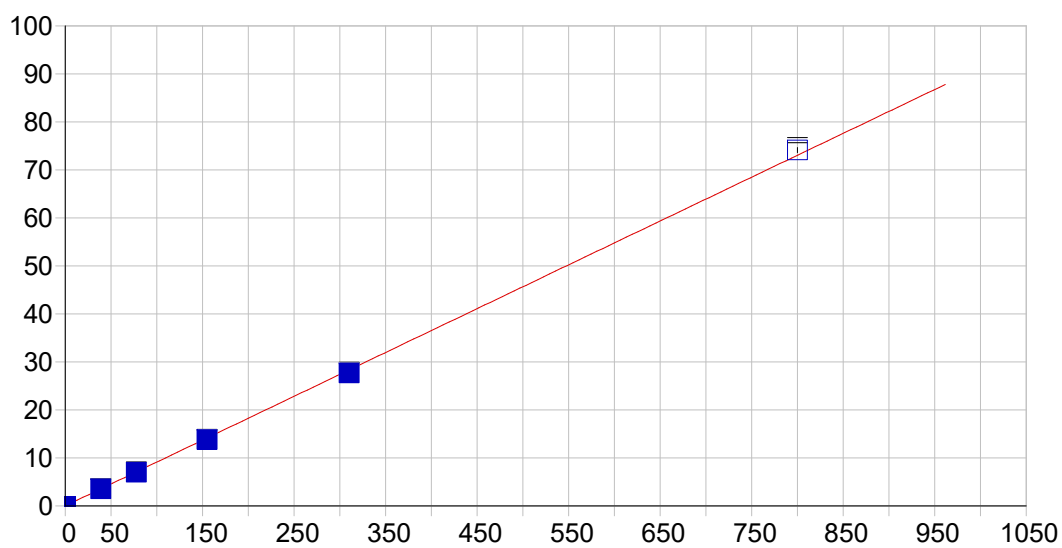


Sb 206.833 {463}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000537 Re-Slope: 1.000000
 A1 (Gain): 0.142352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.002664
 Predicted MQL: 0.008879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00054	.000	1
S1	.06000	.06472	.005	7.87	.00975	.000	1
S2	1.2500	1.2783	.028	2.27	.18794	.001	1
S3	2.5000	2.5121	.012	.482	.36900	.001	1
S4	5.0000	4.9445	-.055	-1.11	.72613	.002	1
S5	10.000	10.011	.011	.105	1.4690	.007	1

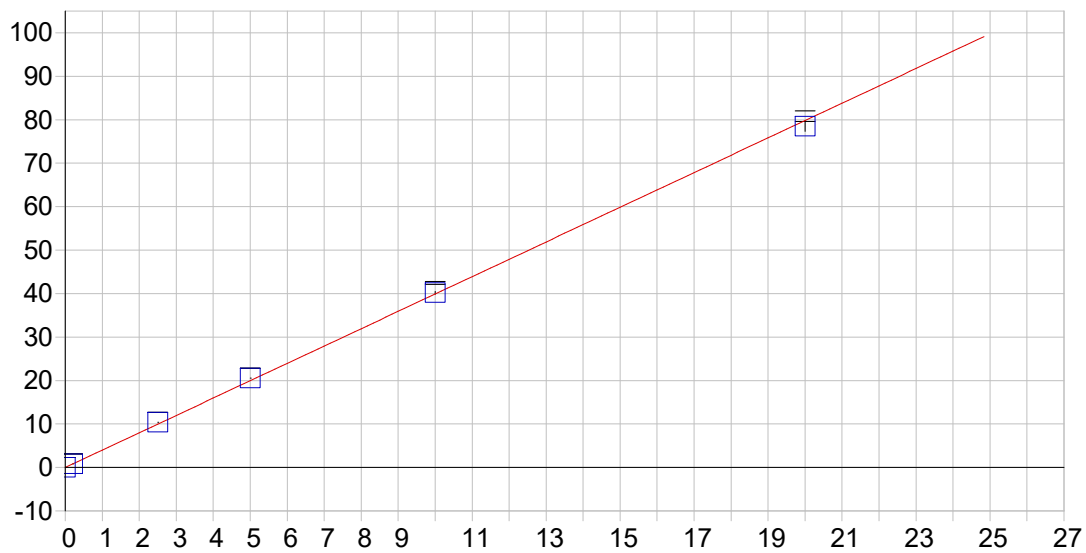


AI 396.152 { 85}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002199 Re-Slope: 1.000000
 A1 (Gain): 0.091312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.001036
 Predicted MDL: 0.010045
 Predicted MQL: 0.033484

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00220	.001	1
S1	.20000	.21414	.014	7.07	.02178	.000	1
S2	38.750	38.758	.008	.020	3.5450	.000	1
S3	77.500	76.778	-.722	-.932	7.0204	.019	1
S4	155.00	150.75	-4.25	-2.74	13.782	.070	1
S5	310.00	303.02	-6.98	-2.25	27.701	.146	1
S6	800.00	811.95	11.9	1.49	74.143	.510	1

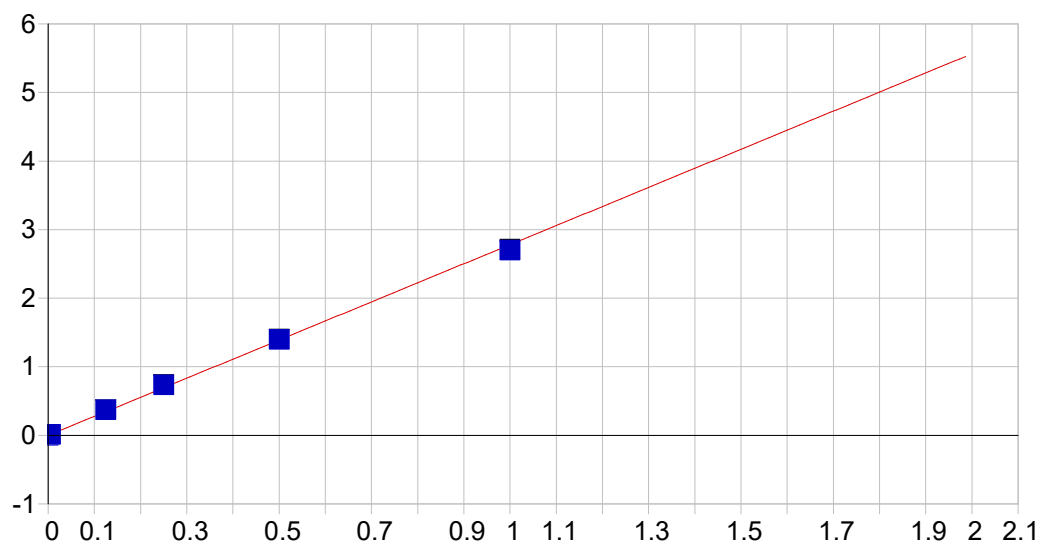


Ba 493.409 { 68}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009573 Re-Slope: 1.000000
 A1 (Gain): 3.991208 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999803 Status: OK.
 Std Error of Est: 0.008415
 Predicted MDL: 0.000767
 Predicted MQL: 0.002557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00963	.002	1
S1	.20000	.20203	.002	1.02	.79678	.005	1
S2	2.5000	2.6016	.102	4.06	10.374	.011	1
S3	5.0000	5.1544	.154	3.09	20.563	.025	1
S4	10.000	10.071	.071	.709	40.186	.354	1
S5	20.000	19.671	-.329	-1.64	78.502	1.21	1

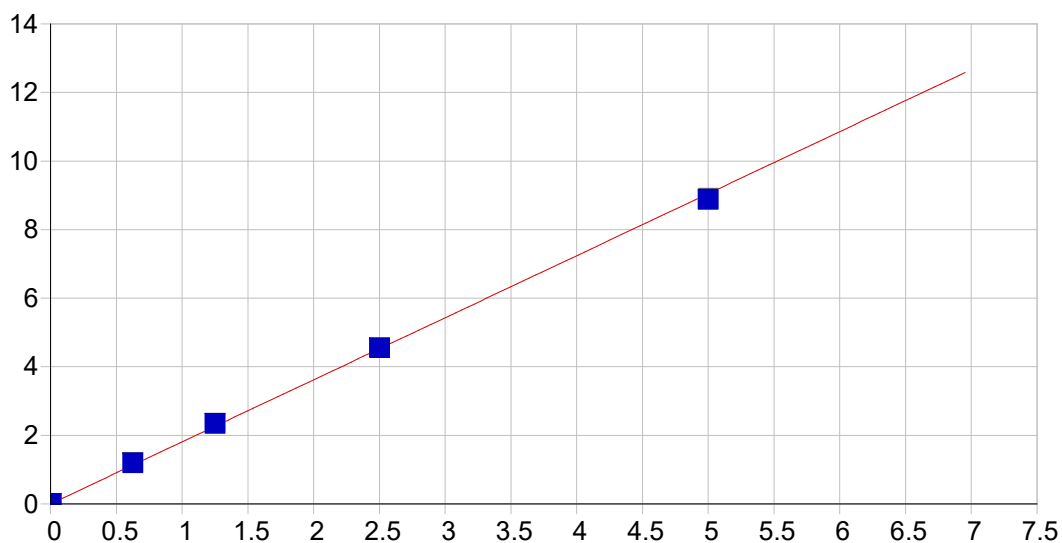


Be 234.861 {144}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002001	Re-Slope:	1.000000
A1 (Gain):	2.782578	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999313	Status:	OK.
Std Error of Est:	0.000386		
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	-.00200	.000	1
S1	.00500	.00570	.001	14.0	.01385	.000	1
S2	.12500	.13502	.010	8.01	.37280	.001	1
S3	.25000	.26468	.015	5.87	.73271	.004	1
S4	.50000	.50274	.003	.548	1.3933	.005	1
S5	1.0000	.97186	-.028	-2.81	2.6951	.011	1

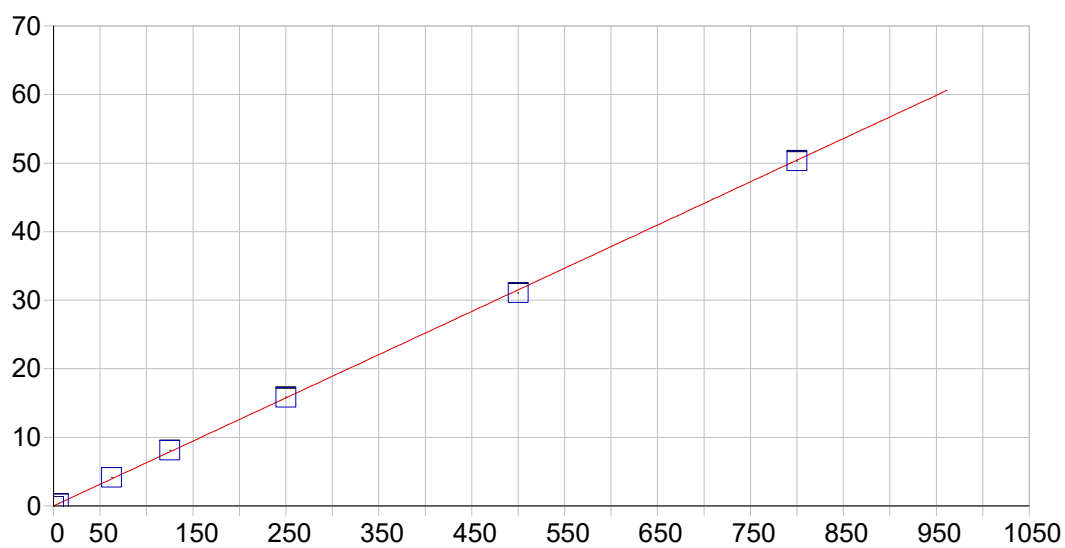


Cd 214.438 {457}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000482 Re-Slope: 1.000000
 A1 (Gain): 1.809833 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999706 Status: OK.
 Std Error of Est: 0.000369
 Predicted MDL: 0.000167
 Predicted MQL: 0.000558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.00500	.00551	.001	10.1	.01045	.000	1
S2	.62500	.66061	.036	5.70	1.1983	.001	1
S3	1.2500	1.2941	.044	3.53	2.3471	.003	1
S4	2.5000	2.5150	.015	.599	4.5611	.004	1
S5	5.0000	4.9048	-.095	-1.90	8.8952	.016	1

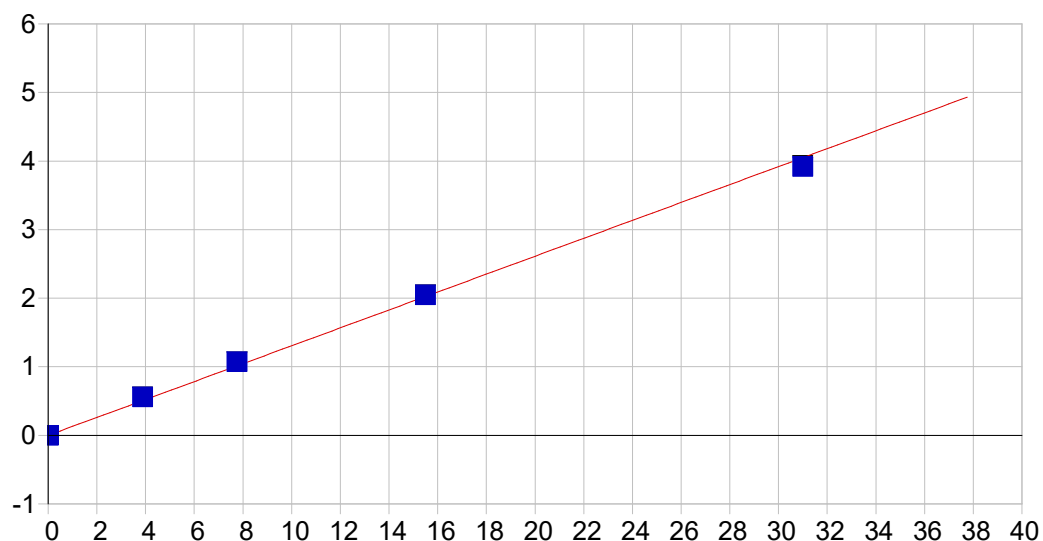


Ca 373.690 { 90}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000965 Re-Slope: 1.000000
 A1 (Gain): 0.063021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.003469
 Predicted MDL: 0.013794
 Predicted MQL: 0.045979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00078	-.001	.000	.00092	.000	1
S1	5.0000	5.4222	.422	8.44	.34268	.001	1
S2	62.500	65.764	3.26	5.22	4.1455	.006	1
S3	125.00	128.86	3.86	3.09	8.1219	.011	1
S4	250.00	251.17	1.17	.468	15.830	.097	1
S5	500.00	492.97	-7.03	-1.41	31.069	.061	1
S6	800.00	798.31	-1.69	-.211	50.312	.104	1

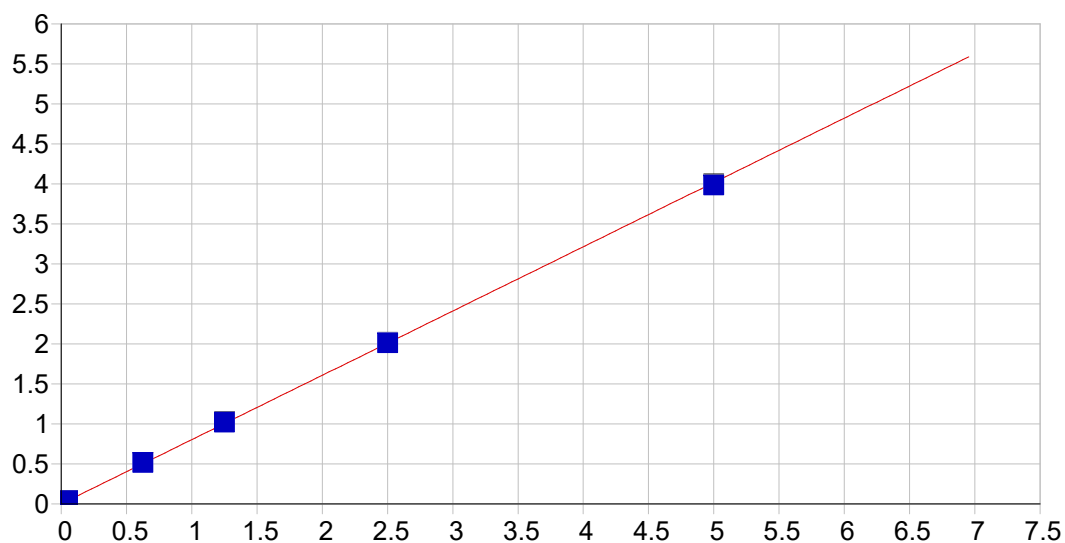


Cr 267.716 {126}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000030	Re-Slope:	1.000000
A1 (Gain):	0.130617	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999129	Status:	OK.
Std Error of Est:	0.000161		
Predicted MDL:	0.000656		
Predicted MQL:	0.002188		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01154	.002	15.4	.00148	.000	1
S2	3.8750	4.2665	.391	10.1	.55740	.002	1
S3	7.7500	8.2074	.457	5.90	1.0723	.003	1
S4	15.500	15.660	.160	1.04	2.0461	.004	1
S5	31.000	29.989	-1.01	-3.26	3.9182	.014	1

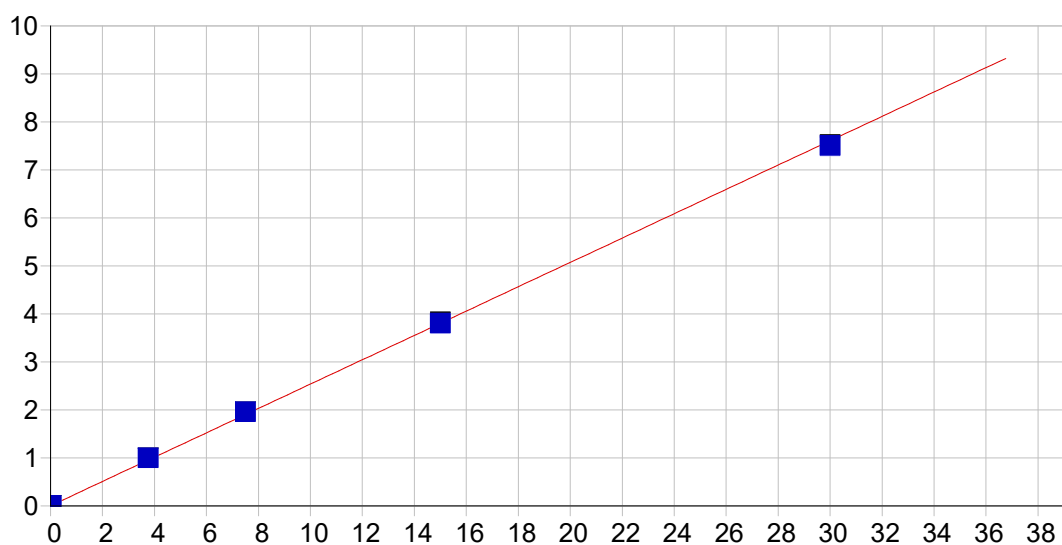


Co 228.616 {448}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.803597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.000424
 Predicted MQL: 0.001414

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.05000	.05135	.001	2.70	.04173	.001	1
S2	.62500	.64253	.018	2.81	.51742	.000	1
S3	1.2500	1.2709	.021	1.67	1.0231	.001	1
S4	2.5000	2.5046	.005	.184	2.0160	.005	1
S5	5.0000	4.9557	-.044	-.887	3.9887	.010	1

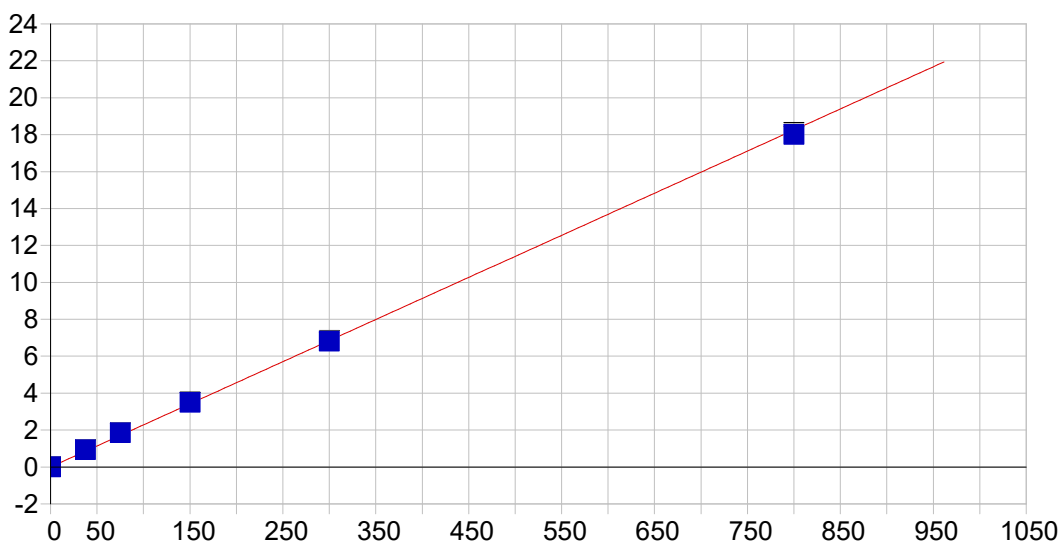


Cu 324.754 {104}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002300	Re-Slope:	1.000000
A1 (Gain):	0.253538	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999811	Status:	OK.
Std Error of Est:	0.000226		
Predicted MDL:	0.002249		
Predicted MQL:	0.007498		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00230	.000	1
S1	.02500	.02407	-.001	-3.73	.00839	.000	1
S2	3.7500	3.9274	.177	4.73	.99677	.001	1
S3	7.5000	7.7307	.231	3.08	1.9598	.004	1
S4	15.000	15.004	.004	.030	3.8014	.025	1
S5	30.000	29.588	-.412	-1.37	7.4938	.020	1

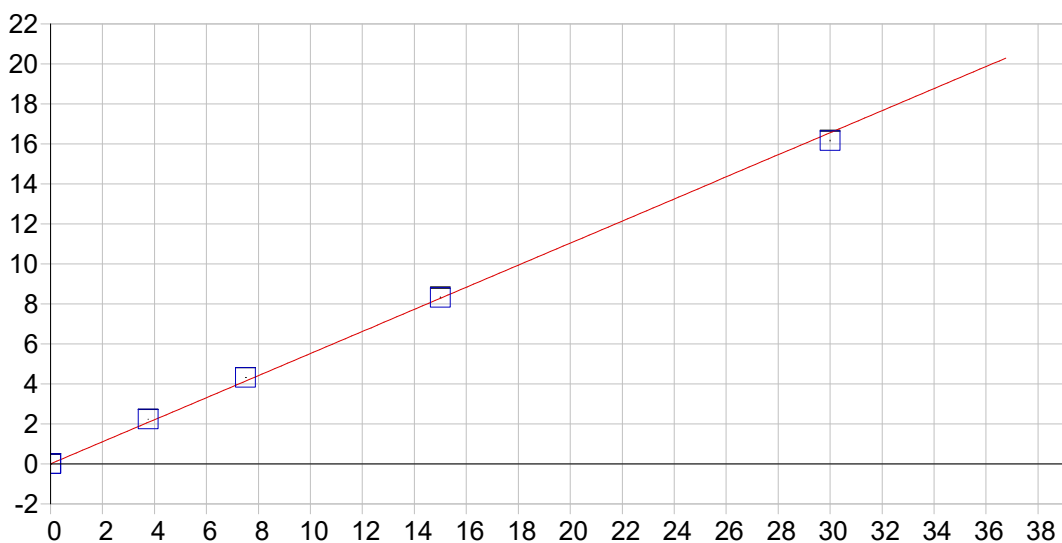


Fe 259.837 {130}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000092	Re-Slope:	1.000000
A1 (Gain):	0.022817	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999639	Status:	OK.
Std Error of Est:	0.000268		
Predicted MDL:	0.011085		
Predicted MQL:	0.036951		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00009	.000	1
S1	.10000	.12335	.023	23.4	.00273	.000	1
S2	37.500	41.007	3.51	9.35	.93657	.005	1
S3	75.000	80.618	5.62	7.49	1.8414	.009	1
S4	150.00	153.30	3.30	2.20	3.5019	.012	1
S5	300.00	298.56	-1.44	-.482	6.8201	.043	1
S6	800.00	788.99	-11.0	-1.38	18.015	.111	1

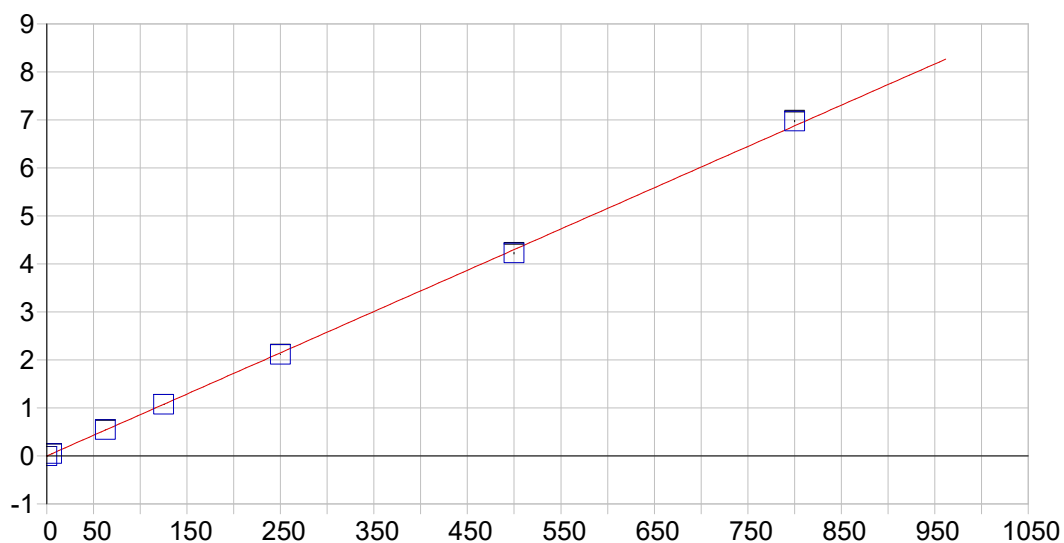


Mn 257.610 {131}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000213	Re-Slope:	1.000000
A1 (Gain):	0.551962	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999504	Status:	OK.
Std Error of Est:	0.000619		
Predicted MDL:	0.000520		
Predicted MQL:	0.001734		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.01500	.01751	.003	16.7	.00988	.000	1
S2	3.7500	4.0457	.296	7.89	2.2333	.002	1
S3	7.5000	7.8347	.335	4.46	4.3247	.002	1
S4	15.000	15.078	.078	.517	8.3225	.029	1
S5	30.000	29.289	-.711	-2.37	16.167	.030	1

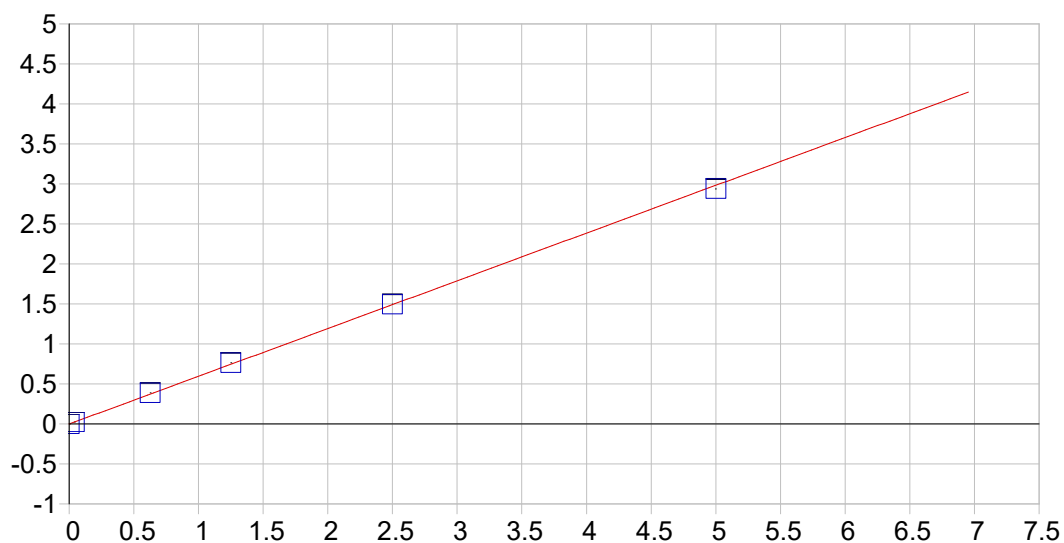


Mg 279.079 {121}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000385 Re-Slope: 1.000000
 A1 (Gain): 0.008596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000443
 Predicted MDL: 0.034409
 Predicted MQL: 0.114696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	-.00039	.000	1
S1	5.0000	5.1604	.160	3.21	.04397	.001	1
S2	62.500	63.285	.785	1.26	.54361	.002	1
S3	125.00	124.72	-.284	-.227	1.0717	.002	1
S4	250.00	246.13	-3.87	-1.55	2.1153	.004	1
S5	500.00	491.68	-8.32	-1.66	4.2261	.017	1
S6	800.00	811.53	11.5	1.44	6.9756	.016	1

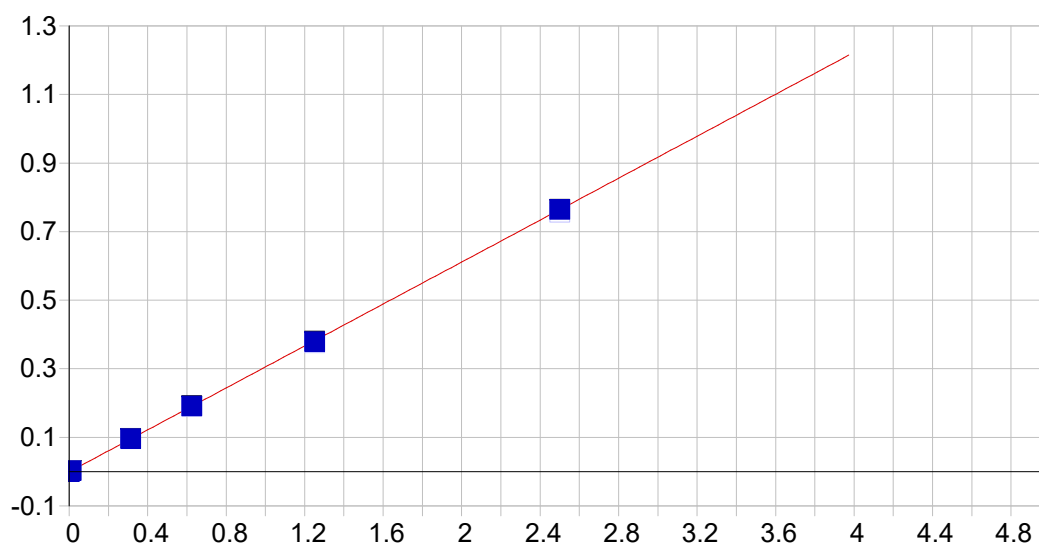


Ni 231.604 {446}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001361 Re-Slope: 1.000000
 A1 (Gain): 0.596717 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000259
 Predicted MDL: 0.000651
 Predicted MQL: 0.002170

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00136	.000	1
S1	.04000	.04189	.002	4.73	.02364	.000	1
S2	.62500	.65196	.027	4.31	.38767	.001	1
S3	1.2500	1.2815	.032	2.52	.76335	.001	1
S4	2.5000	2.5116	.012	.466	1.4974	.004	1
S5	5.0000	4.9280	-.072	-1.44	2.9392	.006	1

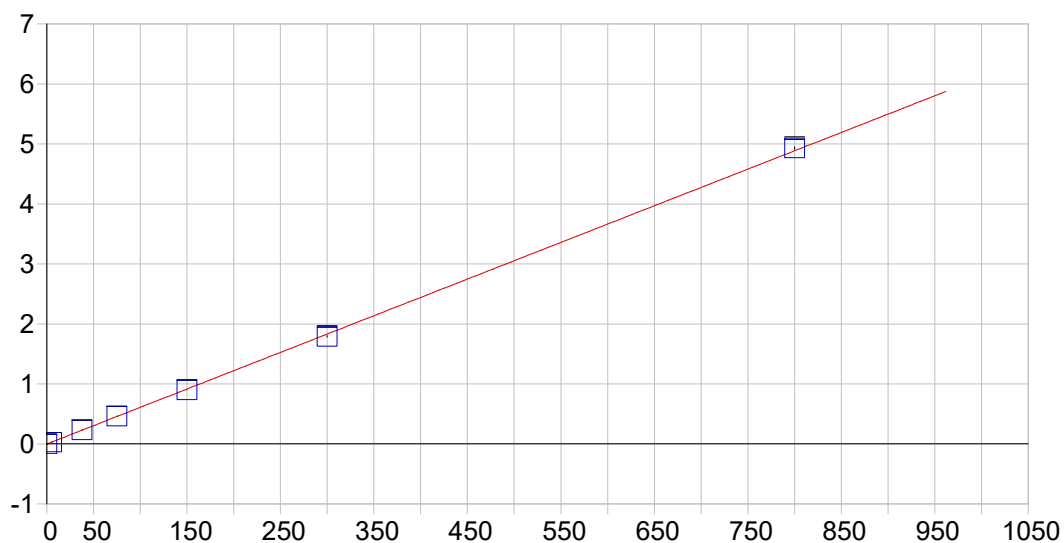


Ag 328.068 {103}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.305882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000474
 Predicted MQL: 0.001580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00061	.000	1
S1	.01000	.01028	.000	2.79	.00251	.000	1
S2	.31250	.31731	.005	1.54	.09543	.000	1
S3	.62500	.62825	.003	.520	.18953	.001	1
S4	1.2500	1.2414	-.009	-.686	.37505	.001	1
S5	2.5000	2.5002	.000	.009	.75602	.001	1

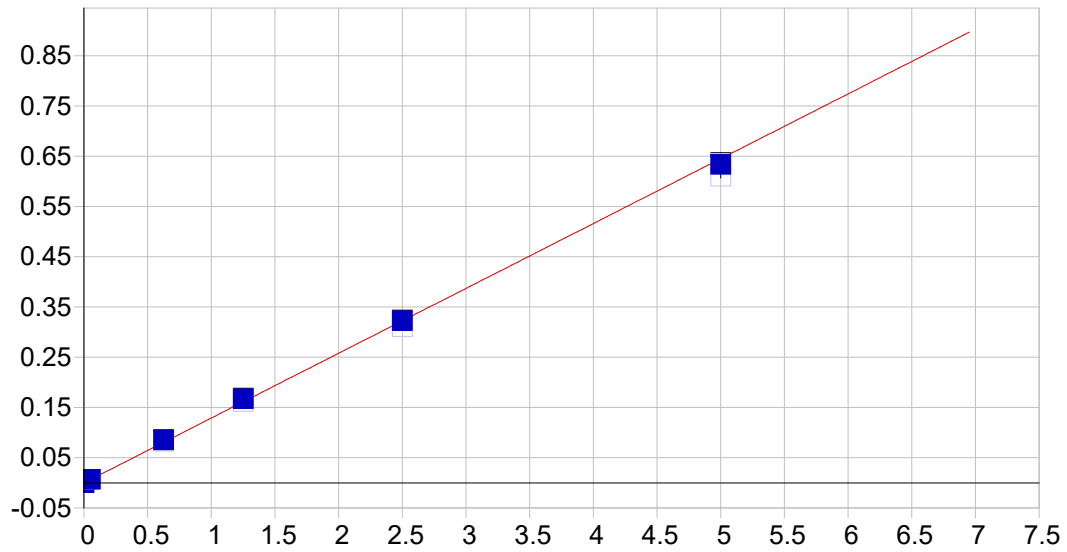


Na 818.326 { 41}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001370	Re-Slope:	1.000000
A1 (Gain):	0.006108	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.000268		
Predicted MDL:	0.269920		
Predicted MQL:	0.899733		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	-.00137	.002	1
S1	5.0000	5.1703	.170	3.41	.03021	.001	1
S2	37.500	38.110	.610	1.63	.23142	.001	1
S3	75.000	75.588	.588	.784	.46035	.000	1
S4	150.00	147.55	-2.45	-1.64	.89990	.003	1
S5	300.00	293.47	-6.53	-2.18	1.7913	.015	1
S6	800.00	807.61	7.61	.951	4.9318	.020	1

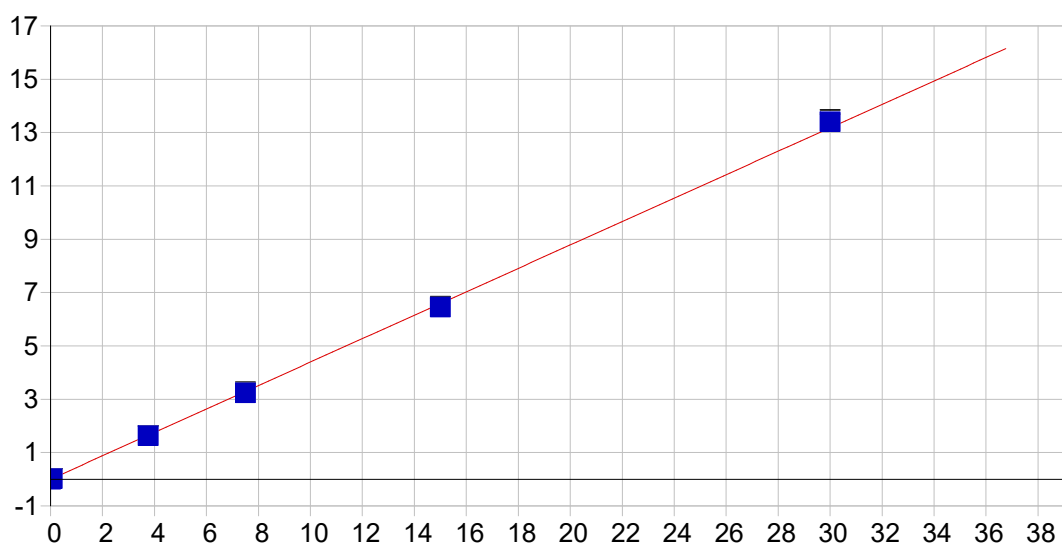


V 292.402 {115}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000215 Re-Slope: 1.000000
 A1 (Gain): 0.129068 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999664 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.003230
 Predicted MQL: 0.010766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00022	.000	1
S1	.05000	.05446	.004	8.93	.00680	.000	1
S2	.62500	.66208	.037	5.93	.08227	.001	1
S3	1.2500	1.2965	.046	3.72	.16118	.001	1
S4	2.5000	2.4999	-.000	-.004	.31057	.001	1
S5	5.0000	4.9119	-.088	-1.76	.61001	.003	1

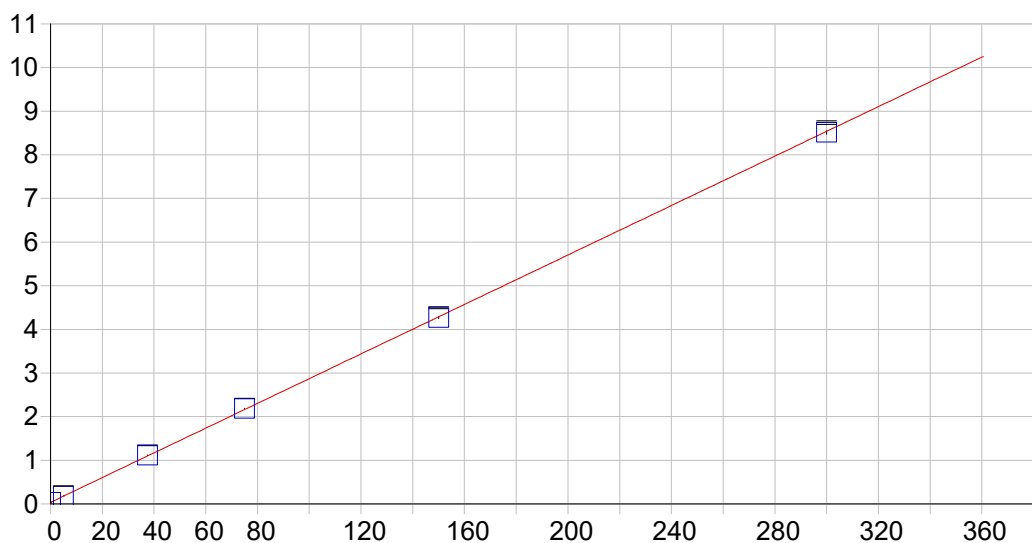


Zn 213.856 {158}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.439241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000568
 Predicted MDL: 0.002794
 Predicted MQL: 0.009314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00027	.002	1
S1	.06000	.05534	-.005	-7.77	.02465	.001	1
S2	3.7500	3.7087	-.041	-1.10	1.6306	.012	1
S3	7.5000	7.3665	-.134	-1.78	3.2385	.037	1
S4	15.000	14.676	-.324	-2.16	6.4519	.031	1
S5	30.000	30.503	.503	1.68	13.409	.079	1

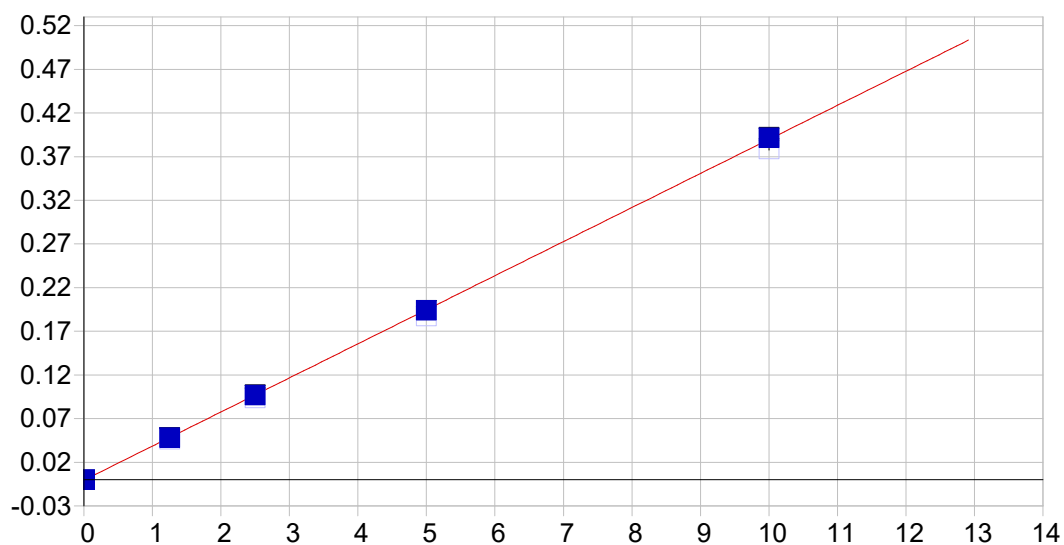


K 769.896 { 44}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036668 Re-Slope: 1.000000
 A1 (Gain): 0.028338 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000405
 Predicted MDL: 0.059188
 Predicted MQL: 0.197294

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00020	-.000	.000	.03666	.000	1
S1	5.0000	5.1075	.107	2.15	.18141	.001	1
S2	37.500	38.034	.534	1.42	1.1145	.004	1
S3	75.000	75.933	.933	1.24	2.1885	.005	1
S4	150.00	149.34	-.655	-.437	4.2688	.020	1
S5	300.00	299.08	-.920	-.307	8.5121	.039	1

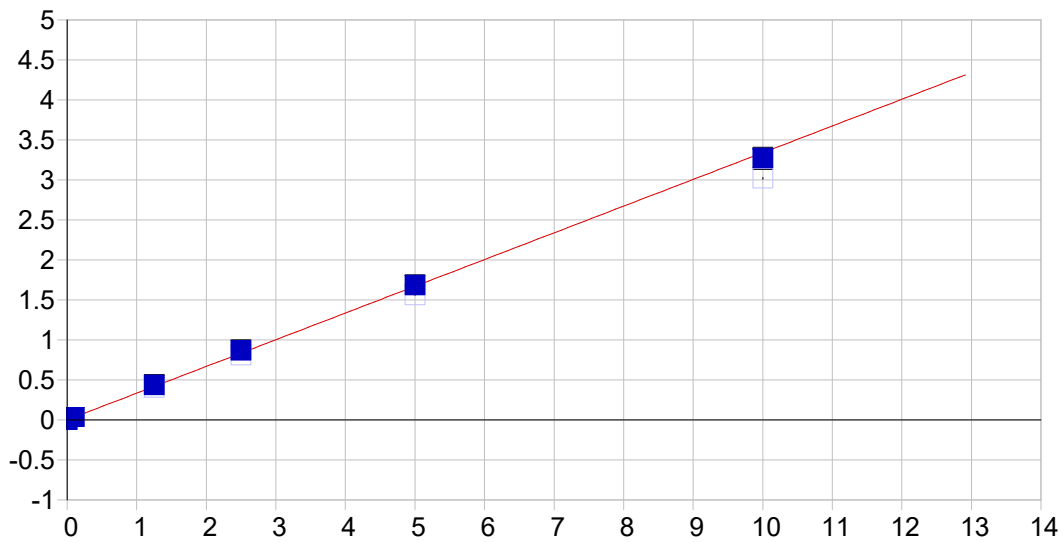


P 177.495 {490}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000474 Re-Slope: 1.000000
 A1 (Gain): 0.039023 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.004989
 Predicted MQL: 0.016629

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.01000	.00936	-.001	-6.43	-.00012	.000	1
S2	1.2500	1.2404	-.010	-.770	.04632	.000	1
S3	2.5000	2.4902	-.010	-.390	.09348	.000	1
S4	5.0000	4.9787	-.021	-.427	.18736	.000	1
S5	10.000	10.041	.041	.414	.37847	.001	1

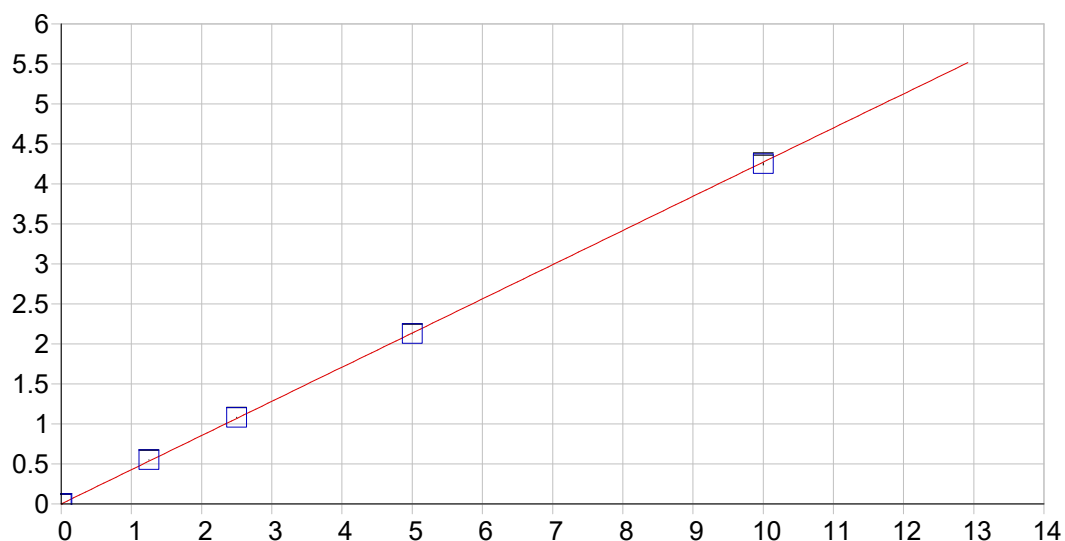


B 249.678 {135}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000475 Re-Slope: 1.000000
 A1 (Gain): 0.333965 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638 Status: OK.
 Std Error of Est: 0.000441
 Predicted MDL: 0.001263
 Predicted MQL: 0.004209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00047	.000	1
S1	.10000	.10586	.006	5.86	.03578	.000	1
S2	1.2500	1.3052	.055	4.41	.40482	.002	1
S3	2.5000	2.6020	.102	4.08	.80637	.005	1
S4	5.0000	5.0444	.044	.888	1.5589	.004	1
S5	10.000	9.7921	-.208	-2.08	3.0183	.012	1

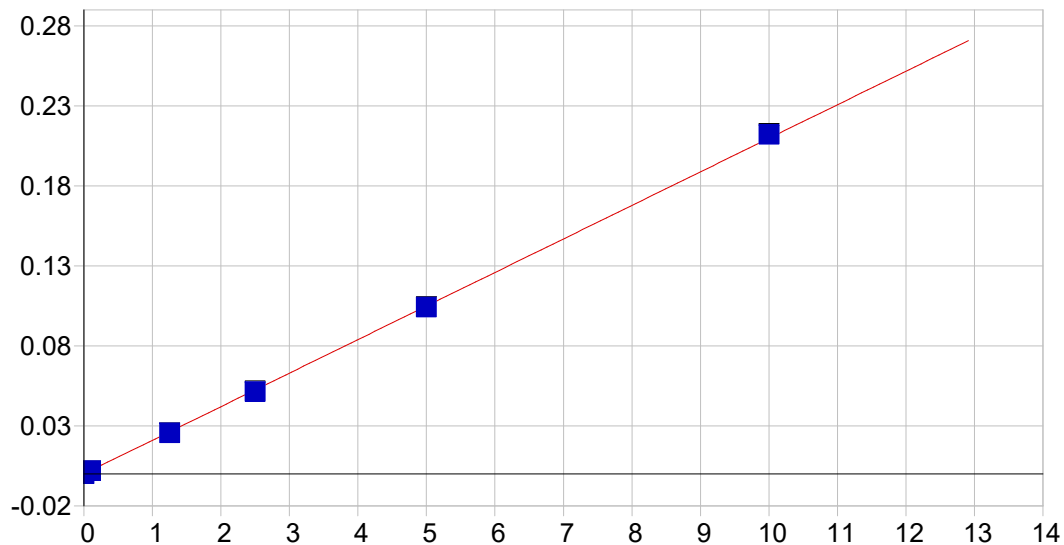


Mo 202.030 {467}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.427132 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000688
 Predicted MQL: 0.002294

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.01000	.01102	.001	10.2	.00502	.000	1
S2	1.2500	1.2887	.039	3.10	.55076	.003	1
S3	2.5000	2.5297	.030	1.19	1.0809	.002	1
S4	5.0000	4.9794	-.021	-.413	2.1272	.002	1
S5	10.000	9.9512	-.049	-.488	4.2508	.014	1

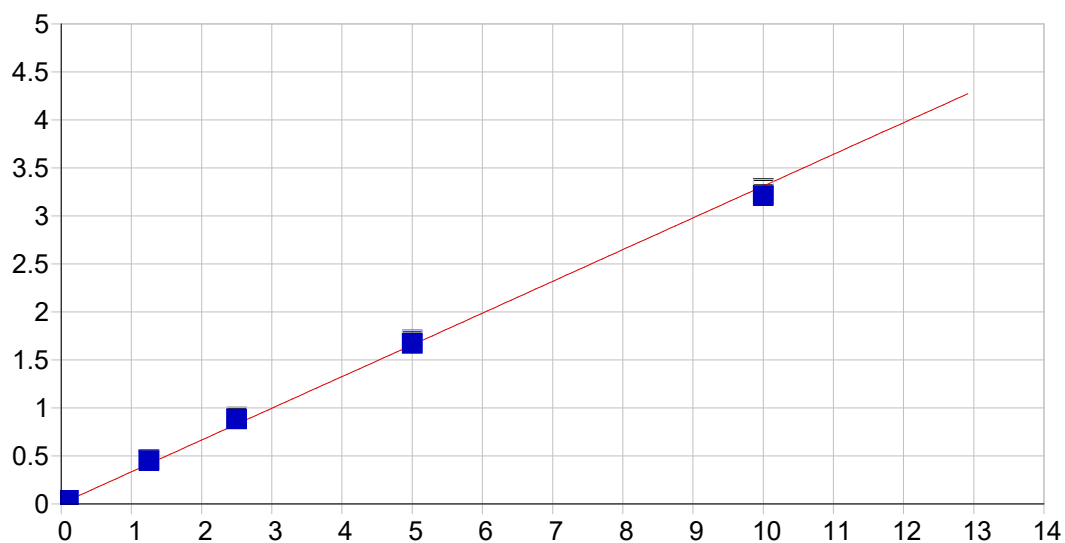


S 182.034 {485}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.020968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.008504
 Predicted MQL: 0.028345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00007	.000	1
S1	.10000	.09512	-.005	-4.88	.00206	.000	1
S2	1.2500	1.2180	-.032	-2.56	.02561	.000	1
S3	2.5000	2.4468	-.053	-2.13	.05137	.000	1
S4	5.0000	4.9703	-.030	-.594	.10427	.000	1
S5	10.000	10.120	.120	1.20	.21223	.001	1

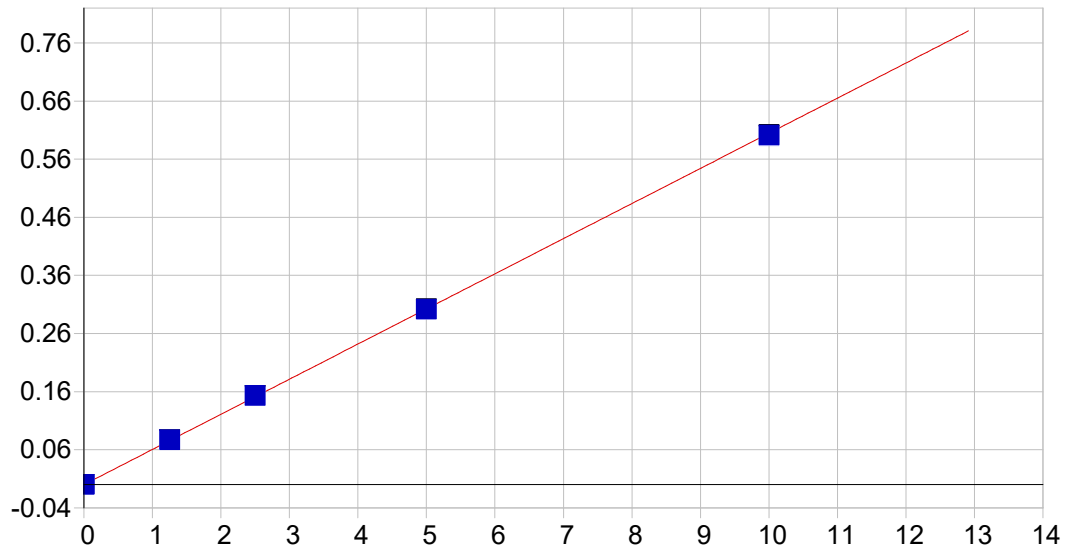


Si 251.611 {134}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003722 Re-Slope: 1.000000
 A1 (Gain): 0.330602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999312 Status: OK.
 Std Error of Est: 0.000664
 Predicted MDL: 0.001326
 Predicted MQL: 0.004418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00372	.001	1
S1	.10000	.10274	.003	2.74	.03805	.001	1
S2	1.2500	1.3475	.097	7.80	.45726	.001	1
S3	2.5000	2.6585	.159	6.34	.89875	.003	1
S4	5.0000	5.0399	.040	.798	1.7022	.005	1
S5	10.000	9.7014	-.299	-2.99	3.2755	.008	1

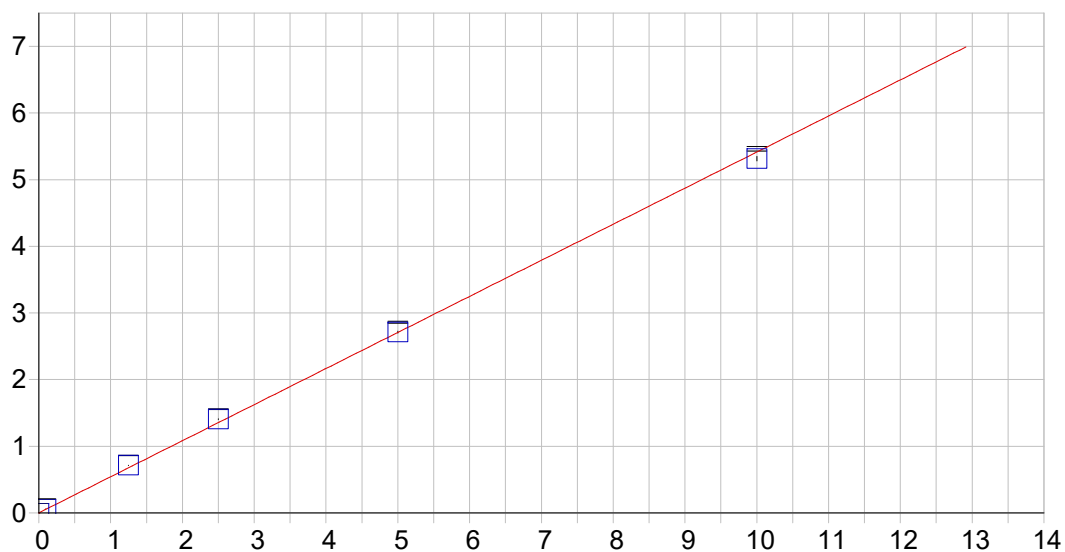


Sn 189.989 {478}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.060449 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002820
 Predicted MQL: 0.009401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00700	.00735	.000	4.99	.00054	.000	1
S2	1.2500	1.2734	.023	1.87	.07688	.000	1
S3	2.5000	2.5306	.031	1.23	.15267	.000	1
S4	5.0000	4.9954	-.005	-.093	.30125	.001	1
S5	10.000	9.9503	-.050	-.497	.59995	.001	1

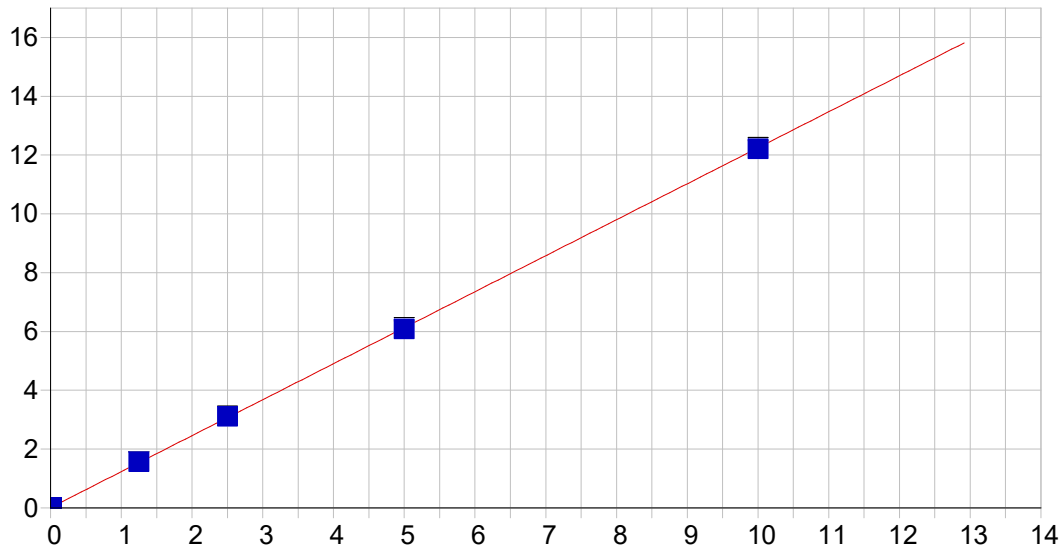


Ti 336.121 {100}

Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000799 Re-Slope: 1.000000
 A1 (Gain): 0.541383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999687 Status: OK.
 Std Error of Est: 0.000720
 Predicted MDL: 0.001184
 Predicted MQL: 0.003946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00079	.000	1
S1	.10000	.10933	.009	9.33	.05999	.001	1
S2	1.2500	1.3176	.068	5.41	.71411	.002	1
S3	2.5000	2.5987	.099	3.95	1.4077	.004	1
S4	5.0000	5.0077	.008	.154	2.7119	.016	1
S5	10.000	9.8167	-.183	-1.83	5.3154	.036	1



Li 670.784 { 50}

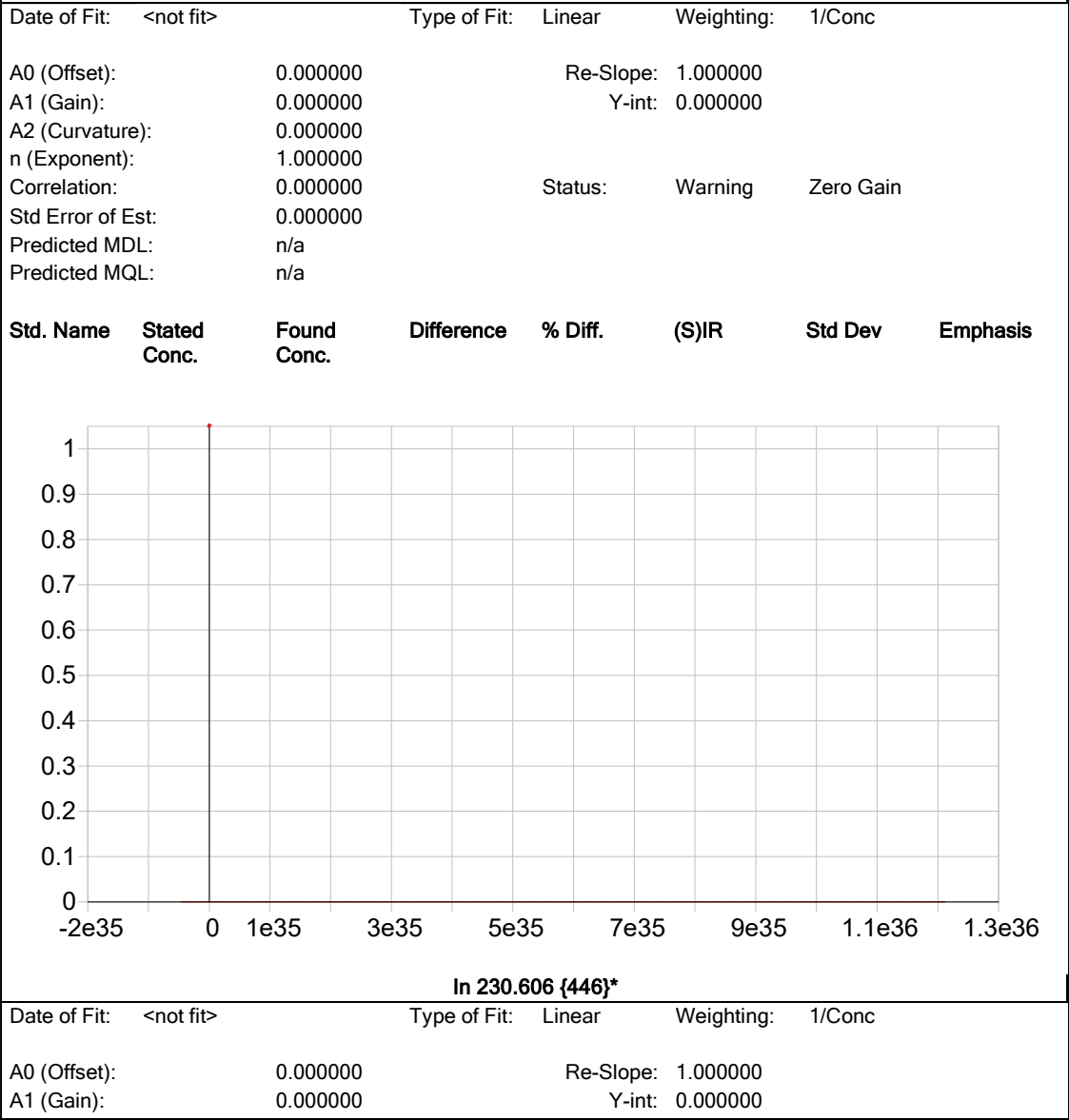
Date of Fit: 10/22/2021 17:00:31 Type of Fit: Linear Weighting: 1/Conc

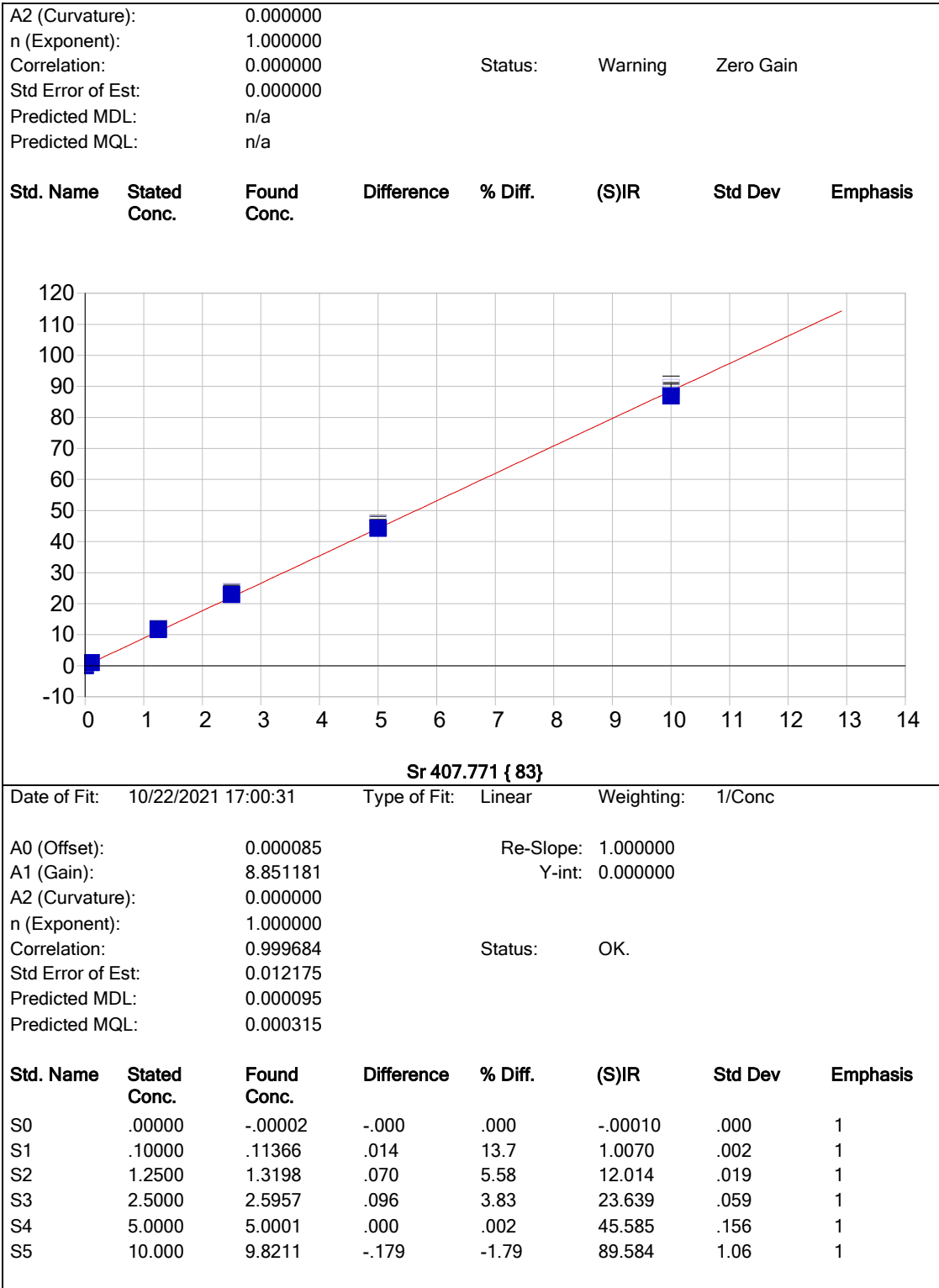
A0 (Offset): 0.009347 Re-Slope: 1.000000
 A1 (Gain): 1.223953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000226
 Predicted MDL: 0.001396
 Predicted MQL: 0.004655

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00935	.001	1
S5	10.000	9.9705	-.029	-.295	12.200	.053	1
S4	5.0000	4.9644	-.036	-.713	6.0789	.055	1
S3	2.5000	2.5374	.037	1.50	3.1117	.009	1
S2	1.2500	1.2771	.027	2.17	1.5708	.003	1
S1	.01500	.01561	.001	4.10	.02836	.002	1









Sample Name: S0 Acquired: 10/22/2021 14:49:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	-.00038	-.00104	.00056	.00024	.00054	.00220	-.00963	-.00200
Stddev	.00013	.00007	.00046	.00006	.00038	.00065	.00241	.00023
%RSD	34.039	7.0979	82.437	22.511	71.200	29.667	25.072	11.243

#1	-.00036	-.00095	.00079	.00019	.00079	.00175	-.00804	-.00207
#2	-.00053	-.00108	.00085	.00029	.00072	.00295	-.01241	-.00219
#3	-.00027	-.00108	.00003	.00025	.00010	.00190	-.00845	-.00175

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	.00048	.00092	-.00003	.00033	.00230	-.00009	.00021	-.00039
Stddev	.00021	.00026	.00007	.00003	.00020	.00007	.00038	.00021
%RSD	44.233	28.621	227.31	9.7059	8.4983	72.989	181.70	54.757

#1	.00061	.00111	.00005	.00030	.00245	-.00017	-.00023	-.00016
#2	.00024	.00103	-.00006	.00032	.00237	-.00003	.00044	-.00042
#3	.00059	.00062	-.00008	.00036	.00208	-.00008	.00042	-.00058

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	-.00136	-.00061	-.00137	-.00022	.00027	.03666	-.00047	.00047
Stddev	.00002	.00015	.00164	.00029	.00214	.00031	.00010	.00050
%RSD	1.5172	24.813	119.35	134.53	800.33	.84024	20.807	105.22

#1	-.00136	-.00059	-.00273	.00003	.00164	.03692	-.00053	-.00007
#2	-.00134	-.00047	-.00183	-.00014	.00136	.03675	-.00036	.00090
#3	-.00138	-.00077	.00044	-.00054	-.00220	.03632	-.00053	.00058

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	.00032	.00007	.00372	.00011	.00079	.00935	-.00010	
Stddev	.00005	.00009	.00066	.00018	.00043	.00110	.00042	
%RSD	14.671	125.28	17.884	165.84	54.469	11.805	410.08	

#1	.00033	.00017	.00295	-.00003	.00115	.00890	-.00008	
#2	.00027	.00005	.00408	.00004	.00091	.00853	.00031	
#3	.00036	-.00000	.00412	.00031	.00031	.01060	-.00054	

Sample Name: S0 Acquired: 10/22/2021 14:49:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	1328.4	36423.	5639.1	758.45	1785.6
Stddev	1.3	101.	42.7	4.98	3.7
%RSD	.09582	.27768	.75717	.65678	.20990
#1	1328.6	36453.	5624.5	761.44	1786.2
#2	1329.5	36311.	5687.2	752.70	1781.7
#3	1327.0	36506.	5605.7	761.21	1789.1

Sample Name: S1 Acquired: 10/22/2021 14:53:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.00002	.00028	.00296	.00179	.00975	.02178	.79678	.01385
Stddev	.00029	.00017	.00018	.00026	.00008	.00038	.00477	.00030
%RSD	1715.5	62.621	5.9127	14.382	.80073	1.7465	.59907	2.1419
#1	.00031	.00043	.00281	.00174	.00966	.02170	.79202	.01416
#2	.00000	.00033	.00292	.00206	.00980	.02220	.79674	.01381
#3	-.00026	.00009	.00315	.00155	.00979	.02145	.80157	.01357
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	.01045	.34268	.00148	.04173	.00839	.00273	.00988	.04397
Stddev	.00010	.00053	.00003	.00064	.00005	.00020	.00009	.00050
%RSD	.98353	.15403	1.7952	1.5256	.59524	7.2979	.88768	1.1399
#1	.01044	.34214	.00145	.04102	.00845	.00259	.00998	.04399
#2	.01036	.34270	.00148	.04225	.00836	.00296	.00984	.04346
#3	.01056	.34319	.00151	.04192	.00836	.00264	.00982	.04447
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	.02364	.00251	.03021	.00680	.02465	.18141	-.00012	.03578
Stddev	.00046	.00014	.00125	.00015	.00052	.00147	.00016	.00019
%RSD	1.9545	5.7226	4.1422	2.1632	2.1106	.80811	139.01	.52021
#1	.02315	.00266	.02877	.00665	.02516	.18229	-.00014	.03563
#2	.02368	.00237	.03103	.00694	.02412	.17971	-.00027	.03599
#3	.02407	.00250	.03083	.00681	.02467	.18222	.00005	.03572
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	.00502	.00206	.03805	.00054	.05999	.02836	1.0070	
Stddev	.00023	.00019	.00057	.00003	.00059	.00176	.0018	
%RSD	4.6546	9.2993	1.4860	5.3606	.97841	6.2160	.17580	
#1	.00527	.00188	.03787	.00052	.05936	.03008	1.0090	
#2	.00501	.00227	.03868	.00057	.06009	.02844	1.0057	
#3	.00480	.00204	.03760	.00052	.06052	.02656	1.0062	

Sample Name: S1 Acquired: 10/22/2021 14:53:25 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	1322.4	36585.	5709.3	754.55	1791.4
Stddev	1.2	180.	6.1	5.82	4.3
%RSD	.09391	.49279	.10766	.77109	.23792
#1	1321.6	36483.	5702.8	749.12	1786.5
#2	1323.8	36793.	5715.0	760.69	1794.4
#3	1321.7	36478.	5710.2	753.84	1793.3

Sample Name: S2 Acquired: 10/22/2021 14:57:32 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.04354	.06874	1.2626	.05283	.18794	3.5450	10.374	.37280
Stddev	.00015	.00024	.0043	.00020	.00090	.0003	.011	.00089
%RSD	.34691	.34498	.33863	.37514	.48153	.00914	.10205	.23938

#1	.04337	.06897	1.2641	.05298	.18832	3.5449	10.383	.37199
#2	.04362	.06875	1.2660	.05260	.18691	3.5447	10.377	.37265
#3	.04364	.06849	1.2578	.05290	.18859	3.5453	10.362	.37376

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	1.1983	4.1455	.55740	.51742	.99677	.93657	2.2333	.54361
Stddev	.0011	.0063	.00190	.00045	.00093	.00475	.0020	.00186
%RSD	.09376	.15329	.34049	.08689	.09299	.50740	.09046	.34148

#1	1.1984	4.1463	.55623	.51790	.99578	.94201	2.2310	.54330
#2	1.1994	4.1388	.55637	.51735	.99692	.93454	2.2347	.54561
#3	1.1971	4.1514	.55959	.51701	.99762	.93318	2.2342	.54194

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	.38767	.09543	.23142	.08227	1.6306	1.1145	.04632	.40482
Stddev	.00060	.00043	.00054	.00060	.0120	.0040	.00009	.00170
%RSD	.15370	.45518	.23504	.73030	.73297	.36311	.18682	.42090

#1	.38832	.09493	.23091	.08158	1.6312	1.1156	.04625	.40677
#2	.38756	.09564	.23136	.08269	1.6422	1.1178	.04641	.40404
#3	.38714	.09573	.23199	.08254	1.6183	1.1100	.04628	.40364

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	.55076	.02561	.45726	.07688	.71411	1.5708	12.014
Stddev	.00277	.00008	.00127	.00021	.00195	.0025	.019
%RSD	.50248	.30657	.27883	.27578	.27366	.16032	.15545

#1	.55039	.02552	.45791	.07708	.71386	1.5729	12.012
#2	.54820	.02568	.45579	.07666	.71229	1.5680	12.033
#3	.55369	.02561	.45807	.07689	.71618	1.5715	11.996

Sample Name: S2 Acquired: 10/22/2021 14:57:32 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	1284.4	36152.	5735.9	729.44	1701.8
Stddev	4.2	194.	15.5	4.31	3.6
%RSD	.32503	.53762	.27000	.59114	.21240
#1	1283.1	36148.	5731.7	730.01	1697.7
#2	1289.0	35960.	5722.9	724.87	1704.2
#3	1281.0	36348.	5753.1	733.44	1703.6

Sample Name: S3 Acquired: 10/22/2021 15:01:26 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.08647	.13522	2.5061	.10172	.36900	7.0204	20.563	.73271
Stddev	.00079	.00076	.0056	.00086	.00138	.0187	.025	.00403
%RSD	.90966	.56428	.22274	.84531	.37412	.26682	.12161	.54975

#1	.08733	.13510	2.5000	.10208	.36866	7.0180	20.584	.72977
#2	.08628	.13452	2.5072	.10074	.36782	7.0402	20.570	.73105
#3	.08580	.13603	2.5110	.10233	.37052	7.0030	20.535	.73730

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	2.3471	8.1219	1.0723	1.0231	1.9598	1.8414	4.3247	1.0717
Stddev	.0026	.0111	.0027	.0008	.0035	.0094	.0024	.0016
%RSD	.11212	.13617	.25523	.07566	.18087	.50874	.05632	.15215

#1	2.3451	8.1134	1.0706	1.0225	1.9613	1.8367	4.3270	1.0703
#2	2.3501	8.1178	1.0708	1.0240	1.9623	1.8522	4.3221	1.0712
#3	2.3460	8.1344	1.0754	1.0228	1.9557	1.8352	4.3249	1.0735

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	.76335	.18953	.46035	.16118	3.2385	2.1885	.09348	.80637
Stddev	.00106	.00084	.00045	.00121	.0370	.0048	.00043	.00473
%RSD	.13844	.44420	.09776	.75381	1.1432	.22081	.45734	.58686

#1	.76337	.18863	.46009	.15991	3.2297	2.1896	.09368	.80493
#2	.76228	.18964	.46086	.16233	3.2791	2.1927	.09299	.80254
#3	.76439	.19030	.46008	.16130	3.2067	2.1832	.09376	.81166

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	1.0809	.05137	.89875	.15267	1.4077	3.1117	23.639
Stddev	.0017	.00035	.00345	.00040	.0035	.0094	.059
%RSD	.15668	.68845	.38394	.26454	.25091	.30104	.25149

#1	1.0796	.05101	.89811	.15241	1.4049	3.1169	23.666
#2	1.0801	.05137	.89567	.15247	1.4117	3.1174	23.679
#3	1.0828	.05172	.90248	.15314	1.4064	3.1009	23.571

Sample Name: S3 Acquired: 10/22/2021 15:01:26 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	1250.9	35639.	5647.9	706.06	1633.7
Stddev	2.8	126.	18.4	6.44	1.0
%RSD	.22296	.35306	.32650	.91221	.06147
#1	1250.9	35647.	5663.4	709.79	1634.7
#2	1253.6	35509.	5627.5	698.62	1633.7
#3	1248.1	35760.	5652.8	709.77	1632.7

Sample Name: S4 Acquired: 10/22/2021 15:05:19 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.17113	.26176	4.9144	.19505	.72613	13.782	40.186	1.3933
Stddev	.00168	.00097	.0073	.00005	.00247	.070	.354	.0047
%RSD	.98415	.36879	.14771	.02802	.33980	.50498	.88098	.33905

#1	.17060	.26107	4.9060	.19510	.72335	13.859	40.592	1.3885
#2	.17302	.26134	4.9193	.19504	.72698	13.724	39.946	1.3980
#3	.16978	.26286	4.9177	.19499	.72806	13.763	40.019	1.3935

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	4.5611	15.830	2.0461	2.0160	3.8014	3.5019	8.3225	2.1153
Stddev	.0043	.097	.0040	.0047	.0247	.0116	.0289	.0037
%RSD	.09380	.61066	.19329	.23116	.64866	.33018	.34692	.17635

#1	4.5562	15.941	2.0417	2.0114	3.8293	3.5098	8.3558	2.1177
#2	4.5632	15.767	2.0495	2.0160	3.7825	3.4886	8.3046	2.1110
#3	4.5639	15.782	2.0471	2.0207	3.7924	3.5072	8.3070	2.1172

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	1.4974	.37505	.89990	.31057	6.4519	4.2688	.18736	1.5589
Stddev	.0040	.00123	.00318	.00117	.0309	.0198	.00010	.0042
%RSD	.26488	.32824	.35360	.37787	.47845	.46283	.05150	.26712

#1	1.4930	.37485	.90357	.31179	6.4745	4.2799	.18737	1.5558
#2	1.5007	.37393	.89823	.30946	6.4167	4.2460	.18744	1.5637
#3	1.4985	.37637	.89790	.31045	6.4644	4.2805	.18725	1.5574

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	2.1272	.10427	1.7022	.30125	2.7119	6.0789	45.585	
Stddev	.0020	.00034	.0053	.00052	.0158	.0553	.156	
%RSD	.09394	.32374	.31451	.17244	.58205	.91019	.34215	

#1	2.1280	.10403	1.6967	.30109	2.7301	6.1428	45.653	
#2	2.1286	.10466	1.7074	.30083	2.7039	6.0477	45.406	
#3	2.1249	.10413	1.7024	.30183	2.7016	6.0462	45.695	

Sample Name: S4 Acquired: 10/22/2021 15:05:19 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	1194.1	35331.	5664.3	679.12	1541.9
Stddev	2.7	96.	29.4	4.30	2.4
%RSD	.22976	.27041	.51909	.63355	.15886
#1	1193.0	35374.	5691.6	683.00	1541.6
#2	1192.0	35397.	5668.2	679.86	1539.7
#3	1197.2	35221.	5633.2	674.49	1544.5

Sample Name: S5 Acquired: 10/22/2021 15:09:21 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	.34667	.50322	9.7496	.37483	1.4690	27.701	78.502	2.6951
Stddev	.00120	.00112	.0139	.00216	.0070	.146	1.210	.0106
%RSD	.34481	.22293	.14278	.57690	.47361	.52528	1.5415	.39275

#1	.34578	.50352	9.7654	.37293	1.4630	27.537	77.749	2.6834
#2	.34621	.50198	9.7444	.37437	1.4675	27.815	77.858	2.6978
#3	.34803	.50416	9.7390	.37718	1.4766	27.751	79.897	2.7041

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.8952	31.069	3.9182	3.9887	7.4938	6.8201	16.167	4.2261
Stddev	.0163	.061	.0136	.0103	.0204	.0425	.030	.0167
%RSD	.18341	.19535	.34582	.25832	.27210	.62335	.18799	.39530

#1	8.9138	30.998	3.9339	4.0004	7.4727	6.7713	16.137	4.2190
#2	8.8833	31.103	3.9106	3.9811	7.5134	6.8493	16.165	4.2141
#3	8.8886	31.104	3.9102	3.9845	7.4953	6.8397	16.198	4.2451

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9392	.75602	1.7913	.61001	13.409	8.5121	.37847	3.0183
Stddev	.0063	.00072	.0148	.00344	.079	.0392	.00080	.0121
%RSD	.21577	.09502	.82802	.56407	.59127	.46031	.21227	.40163

#1	2.9447	.75593	1.7750	.60644	13.404	8.4673	.37793	3.0077
#2	2.9323	.75536	1.8041	.61330	13.490	8.5286	.37809	3.0158
#3	2.9407	.75679	1.7947	.61029	13.332	8.5403	.37939	3.0315

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	4.2508	.21223	3.2755	.59995	5.3154	12.200	89.584
Stddev	.0139	.00059	.0078	.00076	.0357	.053	1.059
%RSD	.32672	.27878	.23949	.12679	.67134	.43507	1.1817

#1	4.2430	.21248	3.2705	.60005	5.2764	12.157	88.938
#2	4.2426	.21267	3.2715	.60065	5.3464	12.259	89.008
#3	4.2668	.21156	3.2845	.59914	5.3234	12.183	90.806

Sample Name: S5 Acquired: 10/22/2021 15:09:21 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	1108.6	34239.	5539.8	620.03	1428.9
Stddev	3.1	112.	42.4	1.21	2.6
%RSD	.27881	.32659	.76485	.19573	.18171
#1	1110.3	34215.	5572.2	621.36	1426.0
#2	1110.5	34360.	5555.3	618.99	1430.8
#3	1105.1	34140.	5491.8	619.73	1430.0

Sample Name: S6 Acquired: 10/22/2021 15:13:28 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) 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	74.143	50.312	18.015	6.9756	4.9318
Stddev	.510	.104	.111	.0160	.0203
%RSD	.68741	.20736	.61891	.22991	.41113

#1	73.563	50.408	18.135	6.9597	4.9530
#2	74.517	50.326	17.995	6.9752	4.9299
#3	74.349	50.201	17.915	6.9918	4.9125

Int. Std.	Y_3710
Units	Cts/S
Avg	5450.1
Stddev	11.8
%RSD	.21583

#1	5454.3
#2	5459.2
#3	5436.8

Sample Name: ICV004 Acquired: 10/22/2021 15:17:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV004 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.020523	1.060889	.9981174	1.070657	1.002385	2.527411
Stddev	.007522	.004979	.0023635	.007623	.002539	.023438
%RSD	.7370341	.4693195	.2367996	.7120205	.2533394	.9273532

#1	1.013841	1.066511	.9992824	1.063218	1.005068	2.535576
#2	1.019060	1.057037	.9953975	1.070301	1.000019	2.545674
#3	1.028669	1.059119	.9996723	1.078452	1.002069	2.500982

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247164	.5410496	.5319099	10.12962	.5693857	.5116455
Stddev	.0025429	.0035480	.0002205	.02648	.0019207	.0031680
%RSD	.4846158	.6557577	.0414519	.2613726	.3373346	.6191716

#1	.5262948	.5383657	.5316817	10.14182	.5715195	.5121133
#2	.5260713	.5397109	.5319263	10.09925	.5677950	.5145535
#3	.5217829	.5450721	.5321218	10.14780	.5688426	.5082696

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5188101	10.75930	.5282744	5.559946	.5289552	.2422582
Stddev	.0055738	.08970	.0020437	.008972	.0018469	.0009289
%RSD	1.074349	.8337099	.3868659	.1613764	.3491586	.3834493

#1	.5230980	10.71076	.5305922	5.554581	.5268275	.2425272
#2	.5208229	10.86281	.5267316	5.554953	.5301440	.2430230
#3	.5125095	10.70433	.5274993	5.570304	.5298941	.2412245

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06794	.5387173	.9248234	9.294568	F 34.07350	5.325533
Stddev	.05808	.0013748	.0032052	.010796	.10464	.041833
%RSD	.5769244	.2551887	.3465731	.1161529	.3071151	.7855202

#1	10.12547	.5383026	.9285239	9.285940	33.99075	5.278275
#2	10.06904	.5402517	.9230313	9.291089	34.03861	5.340502
#3	10.00932	.5375977	.9229152	9.306674	34.19113	5.357822

Sample Name: ICV004 Acquired: 10/22/2021 15:17:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.111425	F 67.91545	4.932158	5.080679	5.328109	F .0021542
Stddev	.014423	.20708	.035394	.014779	.031252	.0013674
%RSD	.2821668	.3049114	.7176107	.2908892	.5865464	63.47778

#1	5.098446	67.85369	4.899730	5.072773	5.324843	.0037172
#2	5.108877	67.74628	4.926830	5.071535	5.360866	.0011788
#3	5.126951	68.14639	4.969913	5.097730	5.298618	.0015666

Elem	Sr4077
Units	ppm
Avg	F -.009207
Stddev	.000182
%RSD	1.981017

#1	-.009109
#2	-.009417
#3	-.009093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.021	37396.80	5844.458	768.7506	1817.955
Stddev	2.032	61.80	18.564	3.8785	2.782
%RSD	.1519019	.1652673	.3176417	.5045191	.1530095

#1	1335.685	37327.47	5834.267	765.5795	1814.754
#2	1339.388	37416.81	5865.886	773.0749	1819.780
#3	1338.989	37446.12	5833.222	767.5974	1819.332

Sample Name: ICB004 Acquired: 10/22/2021 15:23:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004887	.0022484	.0016484	.0047657	.0011380	-.000092
Stddev	.011249	.0014007	.0007373	.0069313	.0010210	.002788
%RSD	230.2060	62.29539	44.72845	145.4420	89.72313	3014.811

#1	.003750	.0020478	.0023438	.0074437	.0013136	.002567
#2	-.000803	.0009589	.0008754	.0099585	.0020599	-.002993
#3	-.017607	.0037386	.0017259	-.003105	.0000406	.000148

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000939	.0000334	-.000024	-.005956	.0000933	.0000470
Stddev	.000880	.0000176	.000118	.006894	.0001520	.0001798
%RSD	93.78108	52.84192	493.0634	115.7504	162.8930	382.3625

#1	.000067	.0000348	.000054	.001010	.0000093	.0000781
#2	-.001570	.0000502	-.000160	-.006102	.0000019	-.000146
#3	-.001313	.0000151	.000034	-.012776	.0002688	.000209

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001566	.0085074	.0000996	.0014179	.0001808	.0000900
Stddev	.001351	.0076616	.0001690	.0286717	.0002539	.0002718
%RSD	86.27913	90.05770	169.6469	2022.153	140.4399	302.0097

#1	-.002032	.0015078	.0002566	-.007933	.0004170	.0003648
#2	-.002621	.0166927	.0001215	-.021411	-.000088	.0000837
#3	-.000043	.0073217	-.000079	.033598	.000213	-.000179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615425	.0032945	-.000102	.0093426	.0002212	F .0171168
Stddev	.2432518	.0025413	.000828	.0508623	.0027355	.0015962
%RSD	395.2583	77.13701	810.0086	544.4130	1236.771	9.325170

#1	-.087616	.0006366	-.000010	-.015805	-.001612	.0189598
#2	.342241	.0057004	.000676	.067880	.003365	.0162076
#3	-.069997	.0035466	-.000972	-.024048	-.001089	.0161829

Sample Name: ICB004 Acquired: 10/22/2021 15:23:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003940	.0017248	.0017895	-.000111	-.000173	.0018529
Stddev	.0003129	.0025620	.0008950	.003541	.002107	.0005455
%RSD	79.43377	148.5423	50.01410	3186.515	1219.494	29.43808

#1	.0005454	-.001234	.0023802	-.004172	.001064	.0021927
#2	.0006024	.003196	.0022286	.002326	.001023	.0012237
#3	.0000341	.003212	.0007598	.001513	-.002605	.0021422

Elem	Sr4077
Units	ppm
Avg	-.000047
Stddev	.000033
%RSD	70.34183

#1	-.000085
#2	-.000032
#3	-.000024

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.636	37070.68	5782.558	764.8615	1791.941
Stddev	1.896	209.40	20.731	7.3380	.373
%RSD	.1419198	.5648638	.3585171	.9593924	.0208218

#1	1333.449	37035.00	5781.523	765.6196	1792.097
#2	1336.665	36881.42	5803.788	757.1739	1792.212
#3	1336.795	37295.63	5762.363	771.7910	1791.516

Sample Name: ICSA004 Acquired: 10/22/2021 15:27:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061002	.0004251	.0069474	.0035470	.0010043	237.1923
Stddev	.0052005	.0058047	.0022143	.0047640	.0004214	.7496
%RSD	85.25198	1365.492	31.87225	134.3100	41.95624	.3160175

#1	.0010031	.0049219	.0051110	.0014329	.0014657	236.3315
#2	.0113983	.0024811	.0094064	.0090022	.0006400	237.7009
#3	.0058992	-.006128	.0063249	.0002059	.0009071	237.5444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057734	.0012804	.0008621	236.7052	.0559006	-.001392
Stddev	.0000664	.0000839	.0002223	1.1749	.0009176	.000170
%RSD	1.149797	6.551059	25.78835	.4963603	1.641517	12.19758

#1	.0058491	.0012012	.0009734	235.7635	.0550609	-.001404
#2	.0057254	.0013682	.0010068	238.0218	.0557608	-.001556
#3	.0057456	.0012717	.0006061	236.3302	.0568801	-.001217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066955	98.33878	.0142660	233.4591	-.002570	.0010434
Stddev	.0031180	.41010	.0001516	.8314	.000403	.0002153
%RSD	46.56869	.4170228	1.062882	.3561331	15.69523	20.63392

#1	.0032791	97.96071	.0143361	233.3901	-.002441	.0012877
#2	.0074195	98.28089	.0140920	234.3228	-.002247	.0009615
#3	.0093877	98.77475	.0143699	232.6643	-.003022	.0008811

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5517022	.0010728	.0108116	-.135100	.0068831	F .0244872
Stddev	.1472192	.0007223	.0022322	.027642	.0036889	.0031375
%RSD	26.68454	67.32735	20.64656	20.46050	53.59398	12.81269

#1	.5640597	.0018891	.0133793	-.147709	.0074688	.0217135
#2	.3986937	.0005166	.0097221	-.154190	.0029364	.0278924
#3	.6923531	.0008127	.0093332	-.103402	.0102442	.0238557

Sample Name: ICSA004 Acquired: 10/22/2021 15:27:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014717	.0080083	.0037835	-.000406	-.001745	.0056573
Stddev	.0006847	.0122421	.0016122	.002890	.001648	.0006829
%RSD	46.52579	152.8680	42.61229	711.9285	94.43488	12.07195

#1	.0019427	.0111629	.0031366	-.002446	-.001111	.0055288
#2	.0006863	-.005502	.0025952	-.001674	-.000509	.0050477
#3	.0017862	.018364	.0056187	.002902	-.003617	.0063953

Elem	Sr4077
Units	ppm
Avg	.0039754
Stddev	.0004460
%RSD	11.21878

#1	.0044251
#2	.0039679
#3	.0035332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.399	35407.81	5669.528	721.3190	1611.930
Stddev	1.149	235.86	18.127	6.1933	2.265
%RSD	.0912291	.6661246	.3197277	.8586132	.1404915

#1	1258.079	35632.53	5685.639	728.0897	1614.543
#2	1260.175	35428.70	5673.046	715.9396	1610.557
#3	1259.942	35162.20	5649.900	719.9279	1610.688

Sample Name: ICSAB004 Acquired: 10/22/2021 15:31:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053832	.0970642	.0545399	.0499469	.5693970	228.5623
Stddev	.0139387	.0035047	.0038448	.0041110	.0027651	.9214
%RSD	13.22669	3.610739	7.049448	8.230845	.4856258	.4031343

#1	.1192031	.0940865	.0516431	.0455892	.5691743	228.9661
#2	.1056178	.0961797	.0530749	.0537562	.5722668	229.2129
#3	.0913287	.1009265	.0589019	.0504953	.5667500	227.5079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5001260	.5073053	.9941342	228.1040	.5699714	.4888348
Stddev	.0001558	.0048855	.0008114	.4973	.0017236	.0009227
%RSD	.0311589	.9630203	.0816184	.2179995	.3024078	.1887568

#1	.5000084	.5022419	.9937150	227.9326	.5685262	.4898858
#2	.5003028	.5119908	.9950694	228.6642	.5695090	.4884611
#3	.5000670	.5076834	.9936181	227.7150	.5718791	.4881577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4857626	94.49522	.4980466	225.1137	.9891106	.1993959
Stddev	.0049836	.69781	.0022130	.6336	.0016743	.0004378
%RSD	1.025936	.7384652	.4443324	.2814665	.1692682	.2195708

#1	.4881015	95.02710	.4958616	224.3974	.9908549	.1991859
#2	.4891466	94.75347	.5002866	225.6008	.9889603	.1991026
#3	.4800397	93.70510	.4979917	225.3429	.9875165	.1998992

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6474230	.4999754	.9183014	-.255746	.0035549	F 1.107417
Stddev	.2098639	.0086997	.0083529	.068475	.0088186	.008959
%RSD	32.41528	1.740034	.9096030	26.77448	248.0668	.8090287

#1	.4056169	.4977844	.9274254	-.178259	.0008406	1.097490
#2	.7545333	.5095612	.9110309	-.308115	.0134116	1.114902
#3	.7821187	.4925806	.9164479	-.280864	-.003587	1.109859

Sample Name: ICSAB004 Acquired: 10/22/2021 15:31:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.037030	.0099571	F 1.011038	F 1.075772	F 1.080909	F .9988527
Stddev	.004419	.0079480	.008286	.005028	.004880	.0043657
%RSD	.4261516	79.82299	.8195418	.4673767	.4514335	.4370675

#1	1.040663	.0028580	1.002787	1.079071	1.084013	.9993041
#2	1.038317	.0185438	1.019358	1.078259	1.083430	1.002975
#3	1.032110	.0084695	1.010970	1.069985	1.075285	.994279

Elem	Sr4077
Units	ppm
Avg	.0044672
Stddev	.0003391
%RSD	7.591427

#1	.0040866
#2	.0045776
#3	.0047373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.165	35479.54	5687.822	721.5142	1618.154
Stddev	.936	195.15	34.398	1.9122	.620
%RSD	.0741454	.5500333	.6047678	.2650193	.0383262

#1	1261.154	35254.65	5681.680	719.9010	1617.440
#2	1262.338	35604.39	5656.908	721.0151	1618.549
#3	1263.002	35579.56	5724.877	723.6264	1618.475

Sample Name: CCV068 Acquired: 10/22/2021 15:35:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855056	4.874672	24.84253	4.768683	4.863853	407.7843
Stddev	.003728	.023282	.02947	.019866	.009779	1.5992
%RSD	.0767953	.4776061	.1186168	.4166010	.2010556	.3921786

#1	4.854917	4.893483	24.83284	4.747110	4.874712	407.1597
#2	4.851400	4.848634	24.81913	4.786224	4.861106	406.5916
#3	4.858853	4.881898	24.87562	4.772716	4.855742	409.6015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09926	.5016612	2.500595	404.5484	15.38814	2.518776
Stddev	.02609	.0048447	.003040	1.5327	.03631	.002123
%RSD	.2583422	.9657361	.1215775	.3788588	.2359736	.0842900

#1	10.07884	.5037036	2.504089	403.0210	15.36303	2.521207
#2	10.12865	.4961297	2.499147	404.5378	15.42977	2.517290
#3	10.09028	.5051503	2.498550	406.0863	15.37161	2.517830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.03317	404.6398	14.86029	402.5103	2.486620	1.282233
Stddev	.04758	1.8462	.06549	1.6786	.003197	.004826
%RSD	.3164933	.4562664	.4407161	.4170337	.1285594	.3763747

#1	14.99124	403.7648	14.79010	400.8765	2.489635	1.278928
#2	15.02340	403.3936	14.87101	402.4239	2.486958	1.287771
#3	15.08488	406.7608	14.91976	404.2304	2.483268	1.280000

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.3006	2.486401	14.64298	151.4508	F 19.20941	5.017339
Stddev	1.1575	.008010	.10383	.5581	.05753	.042019
%RSD	.2891623	.3221406	.7090974	.3685126	.2994889	.8374770

#1	399.9477	2.495354	14.55619	151.6031	19.20404	5.024905
#2	399.3606	2.479915	14.75802	150.8323	19.26944	4.972051
#3	401.5935	2.483934	14.61474	151.9169	19.15476	5.055062

Sample Name: CCV068 Acquired: 10/22/2021 15:35:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879861	F 33.35087	4.920449	5.023818	4.970949	5.037264
Stddev	.001546	.03919	.056226	.009096	.019213	.015682
%RSD	.0316871	.1175173	1.142706	.1810583	.3865029	.3113246
#1	4.880040	33.30722	4.937570	5.023828	4.968472	5.019157
#2	4.878233	33.38305	4.857652	5.032909	4.953095	5.046479
#3	4.881310	33.36234	4.966124	5.014717	4.991281	5.046157

Elem	Sr4077
Units	ppm
Avg	4.771922
Stddev	.012114
%RSD	.2538675
#1	4.771393
#2	4.760082
#3	4.784293

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.369	34420.87	5558.957	663.3987	1456.871
Stddev	1.119	118.03	44.770	3.2353	.342
%RSD	.0959366	.3429141	.8053628	.4876920	.0235083
#1	1167.293	34387.09	5541.981	659.6787	1456.803
#2	1165.125	34323.41	5609.732	665.5567	1457.242
#3	1166.690	34552.11	5525.157	664.9606	1456.567

Sample Name: CCB068 Acquired: 10/22/2021 15:39:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001444	.0004541	.0030237	-.001038	-.002202	.0000823
Stddev	.005295	.0025422	.0006419	.006210	.001351	.0063641
%RSD	366.6817	559.8226	21.22971	597.9932	61.37073	7729.766

#1	.002296	-.002078	.0029967	-.000609	-.000660	-.001057
#2	-.007502	.003006	.0036787	-.007452	-.003179	-.005635
#3	.000874	.000434	.0023957	.004945	-.002766	.006939

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000914	.0000733	.0000413	.0079308	-.000298	-.000106
Stddev	.0007592	.0000902	.0002226	.0086676	.000449	.000211
%RSD	830.6969	123.0792	539.2884	109.2906	150.6576	199.5463

#1	.0009552	.0000980	.0002776	.0152079	-.000143	-.000133
#2	-.000470	.0001485	.0000107	.0102429	-.000805	.000118
#3	-.000211	-.000027	-.000164	-.001658	.000053	-.000302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001619	.0069726	.0000876	.0030774	.0001501	.0000276
Stddev	.000589	.0063732	.0005669	.0145475	.0008057	.0003537
%RSD	36.34868	91.40360	647.3610	472.7158	536.9484	1280.291

#1	-.001021	.0129444	-.000441	-.010922	-.000759	.0003731
#2	-.002198	.0002623	.000018	.018117	.000775	.0000435
#3	-.001639	.0077113	.000686	.002037	.000434	-.000334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251264	-.000991	-.002662	.0896297	.0004511	F .0167764
Stddev	.2247293	.002587	.002632	.0525900	.0025548	.0019600
%RSD	894.3955	261.2144	98.89673	58.67468	566.3234	11.68300

#1	-.063278	.001831	.000144	.0812113	-.002438	.0190331
#2	.280615	-.001551	-.003052	.0417568	.002411	.0157966
#3	-.141957	-.003251	-.005077	.1459211	.001381	.0154995

Sample Name: CCB068 Acquired: 10/22/2021 15:39:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007467	.0040106	.0004833	.0036748	-.000896	.0018122
Stddev	.0001334	.0046791	.0008467	.0035354	.000943	.0006853
%RSD	17.86330	116.6677	175.1922	96.20471	105.2089	37.81314

#1	.0007411	.0066457	.0014209	.0009084	-.001975	.0014689
#2	.0008827	.0067779	.0002543	.0024583	-.000484	.0013665
#3	.0006161	-.001392	-.000225	.0076579	-.000230	.0026013

Elem	Sr4077
Units	ppm
Avg	-.000002
Stddev	.000056
%RSD	3354.835

#1	.000034
#2	-.000066
#3	.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.026	36835.82	5734.812	765.7924	1793.009
Stddev	2.518	65.15	10.738	2.1714	3.206
%RSD	.1877680	.1768591	.1872366	.2835488	.1787975

#1	1338.235	36790.73	5732.385	765.8956	1789.471
#2	1343.128	36910.51	5725.495	767.9103	1793.836
#3	1341.714	36806.23	5746.555	763.5712	1795.721

Sample Name: PB139949BL Acquired: 10/22/2021 15:43:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS949 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	.0017697	.0009237	.0065581	-.001095	-.005230	.0004177
Stddev	.002494	.0015291	.0003783	.0019730	.001293	.005661	.0007306
%RSD	2246.269	86.40510	40.95792	30.08449	118.1050	108.2416	174.9050

#1	-.000354	.0002126	.0007746	.0083365	-.000881	.000850	.0000121
#2	.002496	.0032692	.0006426	.0044358	.000078	-.010349	-.000020
#3	-.002474	.0018274	.0013538	.0069021	-.002481	-.006189	.001261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	.0001164	.0083484	.0001991	-.000325	-.002174	.0107499
Stddev	.0000830	.0000700	.0029458	.0002936	.000372	.001582	.0061569
%RSD	1034.516	60.13382	35.28584	147.4556	114.2053	72.75955	57.27349

#1	-.000082	.0000590	.0115879	.0002729	-.000350	-.002908	.0080565
#2	.000025	.0000958	.0076269	.0004489	.000058	-.003256	.0177946
#3	.000081	.0001943	.0058303	-.000124	-.000684	-.000359	.0063988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0219156	-.000325	-.000137	.0638144	-.000833	-.000549
Stddev	.000279	.0316266	.000673	.000390	.0258726	.000412	.000943
%RSD	382.8474	144.3110	206.8175	284.2500	40.54354	49.51952	171.8579

#1	-.000111	-.005518	-.000305	.000092	.0389288	-.000377	.000519
#2	-.000331	.056508	.000337	-.000588	.0619423	-.000942	-.001268
#3	.000224	.014757	-.001008	.000084	.0905723	-.001179	-.000896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413067	.0010739	.0090852	-.000021	-.002307	-.001147	.0010819
Stddev	.0177232	.0036273	.0006593	.000398	.003666	.000942	.0021666
%RSD	42.90651	337.7688	7.257200	1942.401	158.9259	82.19070	200.2585

#1	.0527138	-.002386	.0097084	-.000244	-.001532	-.001183	-.001265
#2	.0208884	.004848	.0083949	-.000257	.000910	-.002070	.001506
#3	.0503178	.000760	.0091524	.000440	-.006299	-.000187	.003005

Sample Name: PB139949BL Acquired: 10/22/2021 15:43:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS949 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001155	.0012217	-.000049
Stddev	.000786	.0006280	.000086
%RSD	68.10123	51.39958	174.5632

#1	-.000884	.0019151	.000023
#2	-.000540	.0006912	-.000027
#3	-.002041	.0010589	-.000145

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.574	37239.68	5782.762	766.0178	1796.258
Stddev	1.953	87.74	13.664	4.6194	1.281
%RSD	.1457009	.2356118	.2362920	.6030427	.0713409

#1	1338.362	37228.71	5777.699	762.4411	1795.337
#2	1342.061	37332.39	5772.352	771.2332	1797.722
#3	1341.298	37157.94	5798.235	764.3792	1795.717

Sample Name: PB139949BS Acquired: 10/22/2021 15:47:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS949 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164326	.0537871	.0217770	.0800698	.1248839	.4111863
Stddev	.0037004	.0029374	.0034329	.0038044	.0026347	.0058730
%RSD	22.51851	5.461140	15.76406	4.751308	2.109679	1.428296

#1	.0206943	.0545408	.0178637	.0762475	.1268021	.4170597
#2	.0140347	.0505463	.0231861	.0801058	.1259698	.4053137
#3	.0145689	.0562742	.0242812	.0838560	.1218799	.4111856

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3883438	.0110869	.0104942	10.49400	.0221339	.1005746
Stddev	.0008589	.0000712	.0000316	.08123	.0004815	.0003261
%RSD	.2211600	.6421374	.3013070	.7740423	2.175158	.3242144

#1	.3880692	.0110205	.0105307	10.56700	.0224388	.1005220
#2	.3876559	.0110780	.0104773	10.40650	.0223841	.1009238
#3	.3893064	.0111621	.0104746	10.50851	.0215789	.1002780

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488763	.2247518	.0326618	9.940789	.0825572	.0200498
Stddev	.0025181	.0085591	.0003461	.036588	.0004632	.0001550
%RSD	5.151939	3.808254	1.059749	.3680581	.5610749	.7730821

#1	.0517829	.2215299	.0322799	9.907105	.0820731	.0202277
#2	.0474917	.2182712	.0327508	9.935545	.0826021	.0199783
#3	.0473544	.2344543	.0329547	9.979715	.0829963	.0199435

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15568	.1101320	.1134243	9.892438	.0160406	F .2128633
Stddev	.19375	.0019045	.0016684	.043961	.0027218	.0011652
%RSD	1.907779	1.729274	1.470893	.4443923	16.96828	.5473679

#1	10.32159	.1117648	.1137612	9.942835	.0139989	.2115407
#2	10.20269	.1080398	.1148986	9.872505	.0149922	.2133108
#3	9.94275	.1105913	.1116133	9.861975	.0191307	.2137382

Sample Name: PB139949BS Acquired: 10/22/2021 15:47:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS949 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212747	.1873800	.2039820	.0150115	.2114889	.0313709
Stddev	.0004051	.0074825	.0006438	.0001966	.0009527	.0004435
%RSD	1.904203	3.993246	.3155942	1.309653	.4504710	1.413682

#1	.0216065	.1791098	.2032414	.0152051	.2106629	.0308801
#2	.0208232	.1936809	.2044083	.0150174	.2112726	.0314899
#3	.0213943	.1893494	.2042961	.0148121	.2125311	.0317427

Elem	Sr4077
Units	ppm
Avg	.2187233
Stddev	.0004044
%RSD	.1849035

#1	.2186452
#2	.2183637
#3	.2191611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.169	36988.74	5770.154	762.9285	1808.830
Stddev	.698	219.03	12.457	1.0197	3.799
%RSD	.0521300	.5921557	.2158787	.1336599	.2100168

#1	1337.775	36933.95	5776.421	763.0852	1806.561
#2	1337.758	36802.31	5778.233	761.8396	1813.216
#3	1338.975	37229.97	5755.809	763.8609	1806.714

Sample Name: M4206-15 Acquired: 10/22/2021 15:51:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1664018	-.000663	1.815032	-.003661	.0034592	79.97344	1.203838
Stddev	.0031039	.000845	.016187	.006807	.0022666	.18862	.002407
%RSD	1.865317	127.4345	.8918531	185.9446	65.52396	.2358593	.1999507

#1	.1651447	-.001203	1.799538	-.002657	.0025920	80.19051	1.202808
#2	.1641237	.000311	1.813726	-.010914	.0060314	79.84944	1.206589
#3	.1699371	-.001097	1.831833	.002589	.0017543	79.88037	1.202118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065337	.0097183	6.742787	.1712020	.0891529	.3840238	152.2281
Stddev	.0001784	.0001591	.027315	.0001892	.0003508	.0012289	.4673
%RSD	2.730972	1.637021	.4051044	.1104894	.3935339	.3200108	.3069437

#1	.0064861	.0098993	6.763635	.1712125	.0887479	.3850124	152.6907
#2	.0067311	.0096551	6.752860	.1713857	.0893460	.3844110	151.7563
#3	.0063838	.0096005	6.711866	.1710079	.0893647	.3826479	152.2373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.343360	5.129262	.0615638	.0028779	.7622194	.1945030	1.364988
Stddev	.012011	.031515	.0010931	.0002189	.1864963	.0030784	.008261
%RSD	.3592370	.6144227	1.775597	7.605268	24.46754	1.582687	.6051912

#1	3.343455	5.147950	.0610240	.0031216	.9568721	.1950474	1.356313
#2	3.355323	5.092876	.0608455	.0026980	.5851207	.1911887	1.365889
#3	3.331302	5.146961	.0628218	.0028142	.7446655	.1972729	1.372760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.665961	7.857063	.0525127	.0081709	2.205709	15.33230	.1057001
Stddev	.007806	.063770	.0029989	.0007900	.014436	.12481	.0030725
%RSD	.2928057	.8116218	5.710826	9.668867	.6544828	.8140517	2.906832

#1	2.660659	7.829987	.0490515	.0088267	2.212230	15.47593	.1047544
#2	2.662300	7.811300	.0541485	.0083921	2.189163	15.25017	.1091343
#3	2.674925	7.929904	.0543379	.0072938	2.215735	15.27081	.1032116

Sample Name: M4206-15 Acquired: 10/22/2021 15:51:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6236434	.0467226	-.095536
Stddev	.0040661	.0005182	.000433
%RSD	.6519850	1.109066	.4535487

#1	.6282552	.0470478	-.095966
#2	.6205752	.0469950	-.095099
#3	.6220997	.0461250	-.095543

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.497	40458.60	6321.681	828.9101	1807.152
Stddev	1.963	16.78	30.884	4.3385	.849
%RSD	.1352187	.0414830	.4885378	.5233982	.0469678

#1	1452.476	40477.84	6286.557	833.5802	1807.495
#2	1449.237	40450.97	6333.899	825.0050	1807.776
#3	1452.776	40446.99	6344.587	828.1452	1806.186

Sample Name: M4206-16 Acquired: 10/22/2021 15:55:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715861	.0013562	1.593246	-.002390	.0025736	79.28768	1.441730
Stddev	.0053360	.0030076	.004340	.000605	.0014535	.32652	.005639
%RSD	3.109797	221.7720	.2724055	25.33528	56.47448	.4118133	.3911500

#1	.1654312	-.001353	1.591881	-.003080	.0031570	79.62103	1.443457
#2	.1744171	.004592	1.589752	-.001950	.0009191	78.96845	1.446304
#3	.1749099	.000829	1.598104	-.002140	.0036448	79.27358	1.435429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089099	.0125462	65.33003	.1387059	.0925223	.3220610	259.5521
Stddev	.0001304	.0000822	.27704	.0007326	.0007369	.0022007	1.8394
%RSD	1.463091	.6555441	.4240631	.5281964	.7964736	.6833185	.7086946

#1	.0090603	.0126242	65.55081	.1386314	.0932882	.3222288	261.0669
#2	.0088418	.0125540	65.42011	.1394729	.0924604	.3197812	257.5053
#3	.0088278	.0124603	65.01915	.1380134	.0918183	.3241729	260.0842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.162837	8.444026	.1095071	.0054059	1.545629	.1988803	4.554201
Stddev	.009211	.024236	.0005139	.0005634	.158090	.0012730	.047995
%RSD	.2912151	.2870222	.4692418	10.42225	10.22819	.6400784	1.053860

#1	3.168383	8.471699	.1094925	.0049899	1.684265	.1977884	4.513921
#2	3.167924	8.433805	.1090007	.0051807	1.373464	.2002785	4.541377
#3	3.152205	8.426575	.1100281	.0060471	1.579158	.1985739	4.607305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.716482	6.123536	.0607829	.0132503	3.255963	13.16442	.0717857
Stddev	.060418	.028020	.0000182	.0003820	.018293	.04071	.0024573
%RSD	1.056907	.4575866	.0299357	2.882872	.5618297	.3092782	3.423050

#1	5.776812	6.136076	.0607874	.0129924	3.256113	13.20416	.0698134
#2	5.716659	6.091435	.0607984	.0130694	3.237595	13.12279	.0710054
#3	5.655976	6.143095	.0607628	.0136892	3.274180	13.16630	.0745384

Sample Name: M4206-16 Acquired: 10/22/2021 15:55:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3290278	.0607625	.1072360
Stddev	.0012167	.0005785	.0011760
%RSD	.3698008	.9521364	1.096634

#1	.3300640	.0614297	.1068565
#2	.3276880	.0604583	.1085549
#3	.3293313	.0603996	.1062967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.037	40440.08	6334.162	827.8433	1784.781
Stddev	2.431	143.85	37.906	9.5283	4.399
%RSD	.1672872	.3557187	.5984371	1.150978	.2464889

#1	1450.497	40605.93	6314.446	835.3335	1785.693
#2	1455.341	40365.26	6377.862	831.0775	1788.653
#3	1453.275	40349.06	6310.176	817.1189	1779.997

Sample Name: M4206-17 Acquired: 10/22/2021 15:59:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4121283	.0037840	5.545292	-.008527	.0000968	73.05520	.9024735
Stddev	.0067394	.0051011	.011154	.002973	.0012008	.09051	.0007693
%RSD	1.635260	134.8091	.2011441	34.86662	1240.612	.1238898	.0852426

#1	.4107577	.0086857	5.533262	-.011307	-.000048	73.15738	.9032972
#2	.4194477	-.001496	5.547321	-.008881	.001364	72.98510	.9023498
#3	.4061796	.004162	5.555292	-.005392	-.001025	73.02312	.9017736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069655	.0269973	14.96843	.1787852	.0738695	.3141178	211.3048
Stddev	.0001458	.0000869	.06289	.0005717	.0008557	.0022767	.1068
%RSD	2.093803	.3219950	.4201605	.3197864	1.158464	.7247862	.0505662

#1	.0070483	.0269000	15.02941	.1786031	.0730959	.3134782	211.2498
#2	.0070512	.0270244	14.90378	.1794258	.0747887	.3166459	211.4280
#3	.0067971	.0270674	14.97210	.1783267	.0737239	.3122294	211.2367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.045769	7.017152	.0828665	.0038940	1.148642	.1967227	5.032132
Stddev	.005921	.040354	.0007196	.0001510	.065262	.0049203	.042429
%RSD	.2894180	.5750787	.8684215	3.878102	5.681687	2.501132	.8431600

#1	2.050505	6.975805	.0834218	.0039652	1.073934	.1914262	5.010592
#2	2.047672	7.019217	.0820535	.0039963	1.177442	.2011513	5.004793
#3	2.039131	7.056434	.0831242	.0037206	1.194550	.1975906	5.081010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.486156	4.768280	.0563597	.0068178	3.428580	11.49740	.4542264
Stddev	.051332	.014817	.0041231	.0005466	.017536	.08129	.0008250
%RSD	1.144232	.3107359	7.315729	8.017100	.5114518	.7070104	.1816263

#1	4.529516	4.751183	.0540640	.0061964	3.408680	11.54233	.4551570
#2	4.429478	4.776286	.0538954	.0072245	3.441767	11.54630	.4539374
#3	4.499476	4.777372	.0611197	.0070323	3.435293	11.40356	.4535847

Sample Name: M4206-17 Acquired: 10/22/2021 15:59:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4995570	.0518267	-.076887
Stddev	.0026921	.0006788	.000157
%RSD	.5388939	1.309718	.2041013

#1	.5009404	.0513671	-.076842
#2	.5012761	.0515066	-.077062
#3	.4964545	.0526064	-.076758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.588	40194.82	6344.095	827.5616	1808.350
Stddev	2.656	75.80	6.922	2.8117	1.299
%RSD	.1827477	.1885717	.1091026	.3397626	.0718155

#1	1453.814	40272.52	6337.800	829.5107	1808.759
#2	1456.124	40190.84	6342.980	828.8359	1809.394
#3	1450.826	40121.08	6351.507	824.3384	1806.895

Sample Name: M4206-18 Acquired: 10/22/2021 16:03:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1313155	-.000238	1.135021	-.006088	.0027117	85.35958	1.205924
Stddev	.0045314	.004837	.001397	.000941	.0032290	.21327	.003967
%RSD	3.450744	2035.071	.1230603	15.44871	119.0759	.2498541	.3289358

#1	.1282408	.003371	1.135928	-.007150	.0053235	85.18778	1.201725
#2	.1291865	-.005734	1.133413	-.005759	-.000899	85.59828	1.209607
#3	.1365193	.001649	1.135723	-.005357	.003710	85.29267	1.206441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120284	.0221668	17.29930	.1466774	.1471119	.2892422	303.6448
Stddev	.0001256	.0000458	.10739	.0006635	.0006221	.0004719	.9401
%RSD	1.044257	.2066044	.6207854	.4523325	.4229016	.1631525	.3095919

#1	.0119448	.0221678	17.20602	.1471083	.1471439	.2887337	303.6666
#2	.0119675	.0221205	17.41670	.1459134	.1464744	.2893268	304.5738
#3	.0121729	.0222121	17.27518	.1470106	.1477174	.2896661	302.6941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.790031	11.18955	.1668231	.0058373	1.405938	.2092957	3.268881
Stddev	.013609	.01248	.0012033	.0004443	.155833	.0022515	.033598
%RSD	.2841121	.1115061	.7213288	7.610959	11.08389	1.075735	1.027801

#1	4.776189	11.20331	.1654342	.0063229	1.231991	.2073517	3.239902
#2	4.803394	11.17896	.1674819	.0054513	1.453028	.2117626	3.305708
#3	4.790509	11.18639	.1675531	.0057378	1.532795	.2087727	3.261033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.284847	7.692007	.0687252	.0086555	2.356204	12.89761	.0662266
Stddev	.042305	.036251	.0083881	.0004009	.015637	.12022	.0015440
%RSD	.6731265	.4712844	12.20522	4.631152	.6636547	.9321340	2.331369

#1	6.265046	7.665000	.0620755	.0090573	2.339278	12.96949	.0678761
#2	6.256073	7.677814	.0781489	.0086536	2.359220	12.75882	.0659877
#3	6.333421	7.733208	.0659511	.0082556	2.370113	12.96453	.0648159

Sample Name: M4206-18 Acquired: 10/22/2021 16:03:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4842505	.0795324	-.116608
Stddev	.0014202	.0005063	.000675
%RSD	.2932849	.6365958	.5790078

#1	.4826233	.0796217	-.116911
#2	.4852405	.0799882	-.117078
#3	.4848878	.0789875	-.115834

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.520	41250.05	6498.315	849.2168	1788.820
Stddev	1.924	226.05	24.200	8.1170	1.825
%RSD	.1294508	.5480108	.3724031	.9558175	.1019985

#1	1484.895	41154.52	6470.376	850.7247	1790.475
#2	1488.645	41087.45	6511.860	840.4516	1789.122
#3	1486.019	41508.19	6512.709	856.4740	1786.863

Sample Name: PB139948BL Acquired: 10/22/2021 16:08:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS948 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001043	.0022301	.0011398	.0027906	-.000858	-.003872	-.000794
Stddev	.013019	.0019005	.0008664	.0065553	.000965	.007961	.000291
%RSD	1248.008	85.21970	76.01026	234.9057	112.4447	205.5783	36.69424

#1	-.012630	.0044115	.0019193	.0088468	-.000664	-.012662	-.000664
#2	.013045	.0013476	.0012932	-.004170	-.000005	-.001808	-.001128
#3	-.003545	.0009314	.0002070	.003695	-.001905	.002853	-.000590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000636	.0068503	-.000063	-.000286	-.000574	.0160676
Stddev	.000030	.0001687	.0081469	.000128	.000385	.001596	.0033288
%RSD	65.09452	265.2532	118.9280	204.4595	134.8023	278.2483	20.71780

#1	-.000045	-.000128	.0050226	-.000210	.000152	-.001946	.0194477
#2	-.000078	.000129	-.000228	.000011	-.000439	-.000953	.0159625
#3	-.000017	.000189	.015756	.000012	-.000570	.001178	.0127925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003482	-.017509	-.000463	.0001899	-.027274	-.000937	-.001547
Stddev	.0005952	.013101	.000149	.0002658	.149133	.001030	.001558
%RSD	170.9163	74.82251	32.21427	139.9718	546.7911	109.9853	100.7059

#1	.0009101	-.006912	-.000630	-.000057	-.005704	-.000739	.000148
#2	.0004102	-.013458	-.000342	.000156	.109899	-.000020	-.002916
#3	-.000275	-.032156	-.000417	.000471	-.186018	-.002052	-.001874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029861	.0013551	.0022598	.0002527	.0023246	-.000140	-.000925
Stddev	.016064	.0029579	.0008397	.0002398	.0062654	.000304	.001755
%RSD	53.79634	218.2750	37.15922	94.86225	269.5232	217.2491	189.6074

#1	-.025949	.0035124	.0031452	.0000750	-.002157	-.000147	.000538
#2	-.047520	-.002017	.0021594	.0001578	.009484	.000168	-.002871
#3	-.016115	.002570	.0014748	.0005255	-.000353	-.000441	-.000443

Sample Name: PB139948BL Acquired: 10/22/2021 16:08:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS948 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000526	-.000668	-.000011
Stddev	.000840	.000801	.000050
%RSD	159.6952	119.8419	476.7762

#1	-.000337	-.001476	-.000008
#2	.000204	-.000656	.000038
#3	-.001443	.000126	-.000062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1335.962	36984.60	5766.191	761.0121	1792.616
Stddev	4.010	78.87	30.932	1.2225	2.255
%RSD	.3001653	.2132510	.5364458	.1606352	.1257748

#1	1331.619	37016.82	5801.893	760.7768	1790.127
#2	1339.525	37042.26	5747.443	762.3351	1794.521
#3	1336.742	36894.72	5749.235	759.9244	1793.201

Sample Name: PB139948BS Acquired: 10/22/2021 16:12:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS948 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215659	.0544915	.0210671	.0806240	.1237101	.4142121
Stddev	.0093437	.0008450	.0007626	.0037153	.0030235	.0068351
%RSD	43.32608	1.550777	3.619846	4.608153	2.443998	1.650135

#1	.0255432	.0548413	.0219160	.0816387	.1203587	.4188817
#2	.0282628	.0535277	.0208454	.0837265	.1245390	.4173876
#3	.0108916	.0551054	.0204399	.0765068	.1262327	.4063669

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3889645	.0110453	.0105276	10.48751	.0228049	.1005080
Stddev	.0005327	.0002401	.0001459	.04268	.0004742	.0006952
%RSD	.1369467	2.173670	1.385611	.4069888	2.079394	.6917272

#1	.3890926	.0113110	.0106614	10.53671	.0232868	.1008612
#2	.3883794	.0109812	.0103721	10.46052	.0227891	.1009557
#3	.3894214	.0108438	.0105492	10.46528	.0223388	.0997071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500650	.2212989	.0322911	9.981437	.0815276	.0203241
Stddev	.0018399	.0118006	.0003926	.070576	.0001507	.0003245
%RSD	3.674948	5.332438	1.215707	.7070748	.1848093	1.596650

#1	.0507899	.2211364	.0319512	9.914889	.0814427	.0201246
#2	.0479731	.2095803	.0327208	10.05545	.0814386	.0201491
#3	.0514320	.2331799	.0322013	9.97397	.0817016	.0206985

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12086	.1100150	.1115550	9.888569	.0193605	F .2092771
Stddev	.10822	.0027259	.0034222	.076036	.0033900	.0007078
%RSD	1.069316	2.477775	3.067710	.7689269	17.50964	.3382349

#1	10.08678	.1086529	.1147371	9.813676	.0180154	.2090459
#2	10.24202	.1082386	.1079349	9.965698	.0232166	.2100717
#3	10.03377	.1131535	.1119929	9.886332	.0168495	.2087138

Sample Name: PB139948BS Acquired: 10/22/2021 16:12:11 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS948 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213591	.1819773	.2024669	.0125085	.2117786	.0302475
Stddev	.0004112	.0076061	.0032171	.0020600	.0014009	.0006898
%RSD	1.925180	4.179681	1.588935	16.46865	.6614820	2.280460

#1	.0216601	.1779644	.2061437	.0133724	.2131865	.0295586
#2	.0208906	.1772181	.2001698	.0101573	.2117642	.0302458
#3	.0215267	.1907495	.2010873	.0139960	.2103849	.0309382

Elem	Sr4077
Units	ppm
Avg	.2191596
Stddev	.0002294
%RSD	.1046913

#1	.2190914
#2	.2194154
#3	.2189720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.917	37155.83	5790.553	763.2706	1805.850
Stddev	.801	188.75	33.969	4.0651	1.532
%RSD	.0597031	.5079941	.5866310	.5325891	.0848310

#1	1339.995	37121.13	5751.697	759.1625	1805.594
#2	1341.321	37359.52	5805.333	767.2913	1807.494
#3	1341.435	36986.84	5814.628	763.3579	1804.462

Sample Name: M4206-08A Acquired: 10/22/2021 16:16:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030669	-.000442	6.780634	-.012172	.1105761	90.64327
Stddev	.0065902	.004355	.004209	.004011	.0016597	.21067
%RSD	6.394072	984.7849	.0620704	32.95061	1.500965	.2324121

#1	.0954653	-.004563	6.785104	-.015785	.1124670	90.83607
#2	.1071713	.004114	6.776747	-.012875	.1093605	90.41842
#3	.1065640	-.000878	6.780051	-.007856	.1099008	90.67533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071133	.0087978	.0392362	63.84112	.2582909	.1011259
Stddev	.005626	.0002306	.0003513	.20532	.0011633	.0002154
%RSD	.1109487	2.620960	.8952800	.3216104	.4503956	.2130251

#1	5.073158	.0085332	.0393994	64.07753	.2572309	.1010308
#2	5.064775	.0089049	.0394761	63.73828	.2581062	.1009744
#3	5.075467	.0089554	.0388330	63.70753	.2595355	.1013725

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.271769	245.6826	4.783288	8.510982	.1302746	.0093156
Stddev	.004727	.8888	.021511	.082229	.0004406	.0003056
%RSD	.1444884	.3617712	.4497121	.9661490	.3381686	3.280904

#1	3.276000	246.1737	4.779424	8.570388	.1298757	.0090769
#2	3.266666	244.6566	4.806469	8.417133	.1302006	.0092097
#3	3.272640	246.2175	4.763971	8.545426	.1307474	.0096600

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.075869	.2462594	8.587067	7.269729	F 17.70723	.0811638
Stddev	.119148	.0035098	.055463	.021175	.05449	.0046481
%RSD	5.739657	1.425259	.6458872	.2912817	.3077211	5.726794

#1	2.165034	.2486468	8.583281	7.292649	17.76093	.0783053
#2	1.940549	.2479019	8.533595	7.250893	17.65199	.0786591
#3	2.122024	.2422295	8.644326	7.265645	17.70878	.0865271

Sample Name: M4206-08A Acquired: 10/22/2021 16:16:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B34A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100802	3.489314	13.62997	.2162451	.7507090	.0635347
Stddev	.0007090	.027074	.06871	.0041989	.0037028	.0006920
%RSD	7.033144	.7759195	.5040809	1.941731	.4932436	1.089209

#1	.0101963	3.507572	13.66819	.2172995	.7526125	.0641351
#2	.0093203	3.502163	13.67108	.2198163	.7464416	.0636912
#3	.0107239	3.458208	13.55066	.2116195	.7530728	.0627779

Elem	Sr4077
Units	ppm
Avg	.3741150
Stddev	.0001942
%RSD	.0519086

#1	.3739667
#2	.3740436
#3	.3743349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.289	40478.07	6361.240	830.9734	1783.371
Stddev	2.912	105.27	30.970	.8469	1.731
%RSD	.2002408	.2600565	.4868551	.1019177	.0970746

#1	1457.367	40361.05	6326.874	831.8743	1785.326
#2	1453.921	40565.06	6369.857	830.8523	1782.035
#3	1451.578	40508.10	6386.989	830.1935	1782.750

Sample Name: M4197-20 Acquired: 10/22/2021 16:20:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279573	.0041612	.1311491	-.004045	-.004204	91.73144	1.328638
Stddev	.0062865	.0019519	.0027180	.008666	.001730	.09594	.000833
%RSD	22.48606	46.90803	2.072428	214.2369	41.14715	.1045887	.0627167

#1	.0349520	.0058475	.1308392	-.010702	-.003523	91.76144	1.328002
#2	.0261410	.0046132	.1285994	.005753	-.006171	91.62408	1.329581
#3	.0227790	.0020229	.1340088	-.007186	-.002919	91.80879	1.328330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079064	.0044677	32.15398	.2298655	.0788048	.1241354	219.5588
Stddev	.0001347	.0002305	.07869	.0013510	.0007677	.0015127	.7435
%RSD	1.704045	5.160189	.2447268	.5877444	.9742313	1.218593	.3386186

#1	.0080522	.0043131	32.20145	.2286475	.0796913	.1257121	218.9161
#2	.0078807	.0043574	32.06315	.2296304	.0783510	.1226961	219.3872
#3	.0077864	.0047327	32.19734	.2313187	.0783722	.1239980	220.3731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.589800	48.46569	.0762925	.0052247	2.479269	.4227592	.5082983
Stddev	.016280	.14761	.0004959	.0001147	.170144	.0037598	.0013022
%RSD	.3546923	.3045612	.6499350	2.195848	6.862649	.8893562	.2561865

#1	4.607195	48.62693	.0766995	.0052546	2.324606	.4211545	.5068061
#2	4.587274	48.43291	.0764379	.0050979	2.451680	.4200680	.5092046
#3	4.574930	48.33722	.0757402	.0053215	2.661521	.4270552	.5088842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.53935	7.586586	.0465982	.0019770	.2910839	16.99247	-.014325
Stddev	.03305	.006545	.0063058	.0001878	.0072658	.07733	.000825
%RSD	.1082117	.0862683	13.53218	9.499885	2.496132	.4550970	5.758971

#1	30.52563	7.579140	.0393496	.0017940	.2975808	17.05635	-.014551
#2	30.51538	7.591428	.0508187	.0021693	.2832381	16.90650	-.013411
#3	30.57705	7.589191	.0496263	.0019679	.2924327	17.01457	-.015013

Sample Name: M4197-20 Acquired: 10/22/2021 16:20:17 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.626366	.1567635	.1122671
Stddev	.009790	.0013660	.0006192
%RSD	.1017048	.8713741	.5515616

#1	9.636216	.1574591	.1126667
#2	9.616637	.1551897	.1125809
#3	9.626246	.1576417	.1115538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.119	41052.25	6414.656	840.4881	1757.636
Stddev	4.002	249.80	32.837	.5170	2.504
%RSD	.2707541	.6084809	.5119130	.0615172	.1424445

#1	1476.197	40773.28	6400.754	840.5713	1758.352
#2	1482.719	41255.21	6452.157	840.9585	1759.704
#3	1475.440	41128.28	6391.055	839.9345	1754.853

Sample Name: M4197-21 Acquired: 10/22/2021 16:24:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232725	-.001970	.1358798	-.003584	-.003800	92.79503	1.343672
Stddev	.0068180	.003722	.0002863	.002023	.002493	.25153	.002015
%RSD	29.29627	188.9323	.2106950	56.44723	65.60918	.2710600	.1499654

#1	.0154074	.001790	.1359061	-.005186	-.002566	92.55012	1.342028
#2	.0269045	-.005652	.1361520	-.004256	-.006670	93.05270	1.345920
#3	.0275056	-.002048	.1355812	-.001311	-.002165	92.78229	1.343068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078006	.0046610	32.69072	.2319173	.0808177	.1279755	221.4155
Stddev	.0000089	.0002956	.11706	.0003597	.0009587	.0016976	.6863
%RSD	.1138473	6.341443	.3580820	.1550824	1.186242	1.326499	.3099422

#1	.0077988	.0048905	32.57985	.2321505	.0816083	.1262020	221.2967
#2	.0078103	.0043275	32.81312	.2315031	.0797514	.1295854	222.1533
#3	.0077928	.0047650	32.67918	.2320984	.0810936	.1281392	220.7963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.659720	49.09166	.0763514	.0050585	2.380531	.4313050	.5138841
Stddev	.009184	.18862	.0011318	.0002238	.260223	.0072675	.0039854
%RSD	.1971027	.3842274	1.482350	4.423988	10.93128	1.685009	.7755549

#1	4.651011	49.30823	.0771486	.0051425	2.303920	.4286423	.5162697
#2	4.669316	49.00339	.0768497	.0052282	2.670459	.4395284	.5160995
#3	4.658832	48.96336	.0750560	.0048049	2.167215	.4257444	.5092832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.02302	7.673586	.0481550	.0019939	.3272420	17.24023	-.013728
Stddev	.12549	.020539	.0050511	.0003283	.0071886	.09274	.004612
%RSD	.4045120	.2676549	10.48921	16.46778	2.196729	.5379552	33.59778

#1	31.15775	7.697301	.0440641	.0023718	.3353779	17.34283	-.008510
#2	31.00185	7.661529	.0538007	.0017782	.3217489	17.21551	-.017259
#3	30.90946	7.661928	.0466002	.0018317	.3245991	17.16235	-.015415

Sample Name: M4197-21 Acquired: 10/22/2021 16:24:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.810773	.1610582	.1287451
Stddev	.049136	.0011752	.0004603
%RSD	.5008363	.7296760	.3575583

#1	9.758026	.1600415	.1292434
#2	9.855249	.1623449	.1283356
#3	9.819043	.1607882	.1286564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.623	41187.42	6437.069	844.2541	1753.586
Stddev	5.336	22.33	42.925	2.7853	2.762
%RSD	.3606151	.0542205	.6668431	.3299101	.1575117

#1	1480.419	41164.04	6390.520	841.1246	1751.712
#2	1484.515	41208.53	6445.597	846.4613	1756.758
#3	1473.934	41189.71	6475.090	845.1762	1752.288

Sample Name: M4197-20LX5 Acquired: 10/22/2021 16:28:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179547	.0010546	.0255537	-.001205	-.004558	18.01858	.2644287
Stddev	.0047297	.0028504	.0021840	.007523	.003556	.07050	.0012792
%RSD	26.34235	270.2726	8.546636	624.5621	78.00247	.3912847	.4837685

#1	.0161441	-.000399	.0233533	-.008802	-.003573	17.96944	.2652814
#2	.0143978	.004339	.0277209	.006242	-.001599	18.09936	.2650471
#3	.0233222	-.000776	.0255869	-.001054	-.008502	17.98694	.2629578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016786	.0007423	6.383670	.0458389	.0138784	.0224111	43.75847
Stddev	.0001038	.0000663	.002883	.0000670	.0003090	.0014144	.29161
%RSD	6.184931	8.936770	.0451548	.1461458	2.226481	6.311064	.6663980

#1	.0015962	.0006663	6.383036	.0457616	.0135643	.0239832	43.43262
#2	.0016444	.0007717	6.381157	.0458798	.0141821	.0212418	43.99488
#3	.0017953	.0007889	6.386816	.0458753	.0138888	.0220083	43.84792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9184384	9.506280	.0146486	.0006649	.7025121	.0857857	.0995948
Stddev	.0011770	.063540	.0005218	.0003915	.1400337	.0040686	.0020523
%RSD	.1281503	.6684015	3.562419	58.87941	19.93327	4.742726	2.060626

#1	.9181963	9.535615	.0140549	.0009188	.8580519	.0864948	.1007670
#2	.9197176	9.549854	.0150349	.0008620	.6630167	.0894531	.0972251
#3	.9174013	9.433373	.0148560	.0002141	.5864676	.0814092	.1007923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.921708	1.371345	.0122579	.0000417	.0546120	3.410350	.0010601
Stddev	.017847	.011698	.0022236	.0004598	.0069925	.025714	.0020888
%RSD	.3013841	.8530264	18.13998	1103.140	12.80389	.7540010	197.0263

#1	5.929029	1.384796	.0097152	.0003491	.0472805	3.404808	.0033578
#2	5.934731	1.363554	.0132203	-.000487	.0553483	3.438383	-.000724
#3	5.901365	1.365684	.0138381	.000263	.0612072	3.387859	.000547

Sample Name: M4197-20LX5 Acquired: 10/22/2021 16:28:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.913970	.0316992	.0233115
Stddev	.008807	.0017338	.0001992
%RSD	.4601322	5.469387	.8543829

#1	1.908582	.0297727	.0234973
#2	1.924133	.0331339	.0233361
#3	1.909194	.0321912	.0231012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.242	37787.48	5921.913	776.3598	1798.214
Stddev	2.921	41.04	36.097	2.1203	3.541
%RSD	.2136759	.1086015	.6095576	.2731126	.1968996

#1	1366.175	37808.76	5935.525	774.4254	1794.471
#2	1370.547	37813.50	5880.989	776.0271	1798.660
#3	1365.005	37740.17	5949.226	778.6268	1801.511

Sample Name: M4197-22 Acquired: 10/22/2021 16:32:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945080	.0950455	.1797314	.2341401	.0519569	100.5692	5.281085
Stddev	.0038529	.0033449	.0033768	.0012132	.0025651	.2261	.012923
%RSD	4.076772	3.519288	1.878808	.5181433	4.936878	.2247859	.2447014

#1	.0978974	.0961209	.1767962	.2327393	.0520603	100.3088	5.267130
#2	.0953091	.0912951	.1789763	.2348277	.0493417	100.7153	5.292639
#3	.0903176	.0977205	.1834219	.2348533	.0544687	100.6834	5.283486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1031342	.1071534	34.26121	.6280223	1.113155	.5899885	225.0337
Stddev	.0006938	.0004250	.08946	.0025279	.000872	.0010552	.8826
%RSD	.6727180	.3965944	.2611006	.4025219	.0783672	.1788463	.3922136

#1	.1031484	.1076411	34.17668	.6254344	1.112990	.5888408	224.2924
#2	.1024334	.1068624	34.35489	.6281469	1.114098	.5909167	226.0100
#3	.1038208	.1069568	34.25206	.6304856	1.112376	.5902080	224.7986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.553012	50.05974	1.124579	.0914010	2.707732	1.395821	1.361120
Stddev	.012638	.27434	.000423	.0008219	.133397	.003322	.020102
%RSD	.2275872	.5480173	.0375906	.8992263	4.926522	.2379742	1.476903

#1	5.538812	49.74571	1.124588	.0906642	2.553704	1.395964	1.342458
#2	5.563025	50.18077	1.124996	.0922875	2.785907	1.399069	1.382406
#3	5.557199	50.25276	1.124151	.0912514	2.783584	1.392430	1.358497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.00135	7.533997	.0532194	.0020877	.3586546	14.78170	.0020577
Stddev	.14081	.016338	.0060942	.0010504	.0091486	.09970	.0032298
%RSD	.4400048	.2168545	11.45114	50.31202	2.550805	.6745059	156.9570

#1	31.94488	7.548791	.0474151	.0017326	.3564268	14.79498	.0057535
#2	31.89754	7.516462	.0595671	.0032696	.3687113	14.67603	-.000223
#3	32.16163	7.536738	.0526759	.0012610	.3508257	14.87410	.000643

Sample Name: M4197-22 Acquired: 10/22/2021 16:32:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGD7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.26378	.1653958	.1521768
Stddev	.03479	.0008181	.0001822
%RSD	.3389129	.4946299	.1197387

#1	10.23028	.1645877	.1523509
#2	10.29972	.1662235	.1519874
#3	10.26134	.1653763	.1521920

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.830	41067.39	6420.890	836.1405	1740.136
Stddev	4.299	177.91	23.062	5.4694	3.753
%RSD	.2940691	.4332217	.3591692	.6541188	.2156541

#1	1457.022	41213.04	6436.290	840.4876	1736.903
#2	1463.162	40869.10	6432.004	829.9995	1739.255
#3	1465.305	41120.04	6394.376	837.9346	1744.251

Sample Name: M4185-10DLX5 Acquired: 10/22/2021 16:36:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0A22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1417708	-.000129	15.19941	.0028261	.1194785	16.95229	.4921772
Stddev	.0097491	.001188	.02064	.0050750	.0031130	.00796	.0023401
%RSD	6.876684	922.0145	.1357918	179.5767	2.605456	.0469316	.4754540

#1	.1306024	.000696	15.17559	.0033653	.1158877	16.96025	.4917198
#2	.1485782	-.001491	15.21057	-.002497	.1211321	16.95230	.4947122
#3	.1461317	.000409	15.21205	.007610	.1214157	16.94433	.4900996

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031540	.0162589	13.62938	.0464919	.0337495	1.371889	117.7665
Stddev	.0002689	.0003142	.05324	.0005867	.0002110	.002143	.2603
%RSD	8.525567	1.932275	.3906382	1.261931	.6251990	.1562002	.2210183

#1	.0032664	.0158989	13.58766	.0459575	.0335466	1.369450	117.7620
#2	.0028472	.0164777	13.68935	.0463984	.0339678	1.373469	117.5085
#3	.0033485	.0164001	13.61114	.0471197	.0337341	1.372747	118.0290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191221	3.601563	.0789460	.0106693	.9990858	.0487638	20.85256
Stddev	.002089	.009785	.0006369	.0002863	.1694674	.0035436	.09089
%RSD	.1754011	.2716805	.8067364	2.683457	16.96224	7.266885	.4358852

#1	1.188959	3.611118	.0787865	.0108503	1.000718	.0461907	20.95305
#2	1.193080	3.591564	.0796474	.0108183	1.167731	.0472950	20.77610
#3	1.191623	3.602008	.0784040	.0103392	.828808	.0528056	20.82854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.845435	1.185100	.0456068	.0060329	2.969186	3.491412	.7087813
Stddev	.083073	.005432	.0010343	.0007178	.015034	.014660	.0027688
%RSD	4.501565	.4583281	2.267809	11.89764	.5063172	.4198814	.3906428

#1	1.769990	1.178905	.0444543	.0056530	2.952347	3.476738	.7087739
#2	1.831853	1.187348	.0459123	.0068608	2.973953	3.491441	.7060162
#3	1.934463	1.189047	.0464540	.0055849	2.981258	3.506058	.7115538

Sample Name: M4185-10DLX5 Acquired: 10/22/2021 16:36:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0A22 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4247561	.0179182	-.008063
Stddev	.0016895	.0012018	.000431
%RSD	.3977685	6.707066	5.342714

#1	.4257463	.0188509	-.008191
#2	.4257167	.0165620	-.007583
#3	.4228053	.0183418	-.008415

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.235	38027.42	5969.197	776.4096	1793.349
Stddev	2.901	179.48	29.166	2.6666	2.391
%RSD	.2121921	.4719681	.4886128	.3434537	.1333534

#1	1364.178	37820.20	6002.678	777.3640	1790.594
#2	1369.949	38133.07	5949.305	773.3972	1794.552
#3	1367.579	38129.01	5955.608	778.4678	1794.900

Sample Name: M4185-05A Acquired: 10/22/2021 16:40:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1448684	-.000781	1.541790	-.006644	.1146276	93.22092	1.070848
Stddev	.0044999	.004486	.006199	.005741	.0035039	.36412	.002458
%RSD	3.106207	574.8046	.4020726	86.41584	3.056727	.3905998	.2294930

#1	.1496518	-.002872	1.535326	-.000898	.1167648	92.80123	1.068719
#2	.1407194	.004370	1.547684	-.006653	.1105839	93.40898	1.070286
#3	.1442339	-.003839	1.542359	-.012380	.1165341	93.45256	1.073537

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118015	.0215519	33.77891	.2120399	.1488524	.3572902	343.9085
Stddev	.0002952	.0004834	.12312	.0006746	.0001062	.0021912	1.5041
%RSD	2.501185	2.243062	.3644789	.3181696	.0713113	.6132791	.4373552

#1	.0120247	.0216212	33.71034	.2125617	.1487479	.3574459	342.3127
#2	.0119130	.0210375	33.70536	.2122800	.1488493	.3550254	345.3000
#3	.0114668	.0219969	33.92105	.2112781	.1489601	.3593995	344.1129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.759047	12.59308	.1869308	.0041743	3.340190	.2368799	4.385252
Stddev	.014996	.01436	.0018221	.0004684	.157008	.0031107	.044437
%RSD	.2218694	.1139917	.9747204	11.22095	4.700574	1.313180	1.013321

#1	6.747420	12.57782	.1850763	.0036951	3.175539	.2334654	4.336383
#2	6.753746	12.60632	.1869974	.0046311	3.488234	.2376217	4.396141
#3	6.775973	12.59511	.1887186	.0041967	3.356797	.2395526	4.423232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.904087	5.446400	.0910530	.0075656	3.449668	11.35855	.1941880
Stddev	.063128	.018005	.0057995	.0013828	.010878	.00699	.0025293
%RSD	1.069231	.3305860	6.369378	18.27781	.3153271	.0615808	1.302512

#1	5.959307	5.467135	.0846381	.0076119	3.439213	11.35895	.1933477
#2	5.835267	5.437349	.0925959	.0061602	3.448866	11.36533	.1970305
#3	5.917685	5.434716	.0959250	.0089247	3.460924	11.35136	.1921857

Sample Name: M4185-05A Acquired: 10/22/2021 16:40:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B03A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5438842	.0787191	-.127999
Stddev	.0012229	.0004377	.000912
%RSD	.2248460	.5560032	.7127980

#1	.5426800	.0785512	-.127032
#2	.5451249	.0783902	-.128845
#3	.5438478	.0792159	-.128121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.677	40622.97	6411.131	829.2467	1787.073
Stddev	.818	176.87	33.894	1.8089	3.341
%RSD	.0562511	.4354019	.5286715	.2181380	.1869797

#1	1454.833	40513.50	6384.692	828.7892	1790.025
#2	1453.792	40528.39	6399.360	827.7105	1787.750
#3	1455.406	40827.02	6449.341	831.2404	1783.445

Sample Name: M4184-14DLX5 Acquired: 10/22/2021 16:44:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0AZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1738456	.0022033	3.085454	-.003459	.0021744	15.43297	.2197196
Stddev	.0106878	.0064563	.009204	.003989	.0007187	.02093	.0008272
%RSD	6.147882	293.0298	.2983192	115.3267	33.05515	.1356440	.3764613

#1	.1629903	.0057216	3.082371	-.003099	.0029841	15.41901	.2202579
#2	.1843576	-.005248	3.078187	.000338	.0019271	15.45704	.2187671
#3	.1741890	.006136	3.095805	-.007615	.0016119	15.42286	.2201336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032982	.0223808	36.80298	.0302328	.0150593	.4117422	76.43851
Stddev	.0001002	.0001708	.03982	.0006293	.0005787	.0019788	.20221
%RSD	3.036837	.7632683	.1081938	2.081459	3.842531	.4806038	.2645424

#1	.0031946	.0224821	36.83728	.0298840	.0144959	.4123565	76.20650
#2	.0033945	.0221836	36.75931	.0309592	.0156521	.4095291	76.57724
#3	.0033056	.0224768	36.81233	.0298551	.0150298	.4133411	76.53180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.964732	2.566299	.0503067	.0033873	.8340667	.0291548	13.68907
Stddev	.003247	.032858	.0000709	.0000811	.1228326	.0016579	.09928
%RSD	.1652628	1.280380	.1408298	2.392713	14.72695	5.686539	.7252853

#1	1.962393	2.542428	.0503397	.0034690	.7468445	.0274778	13.65133
#2	1.963364	2.552693	.0503550	.0033069	.7808167	.0307929	13.61419
#3	1.968439	2.603775	.0502254	.0033860	.9745388	.0291936	13.80169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238043	.7324449	.0442889	.0021541	3.075660	3.611608	.1249484
Stddev	.081465	.0154284	.0019668	.0008326	.013102	.034467	.0010146
%RSD	6.580139	2.106418	4.440754	38.64969	.4260005	.9543288	.8119920

#1	1.159301	.7424382	.0437507	.0014620	3.084003	3.611657	.1246641
#2	1.232848	.7402205	.0426472	.0030780	3.082420	3.646049	.1241063
#3	1.321982	.7146758	.0464687	.0019223	3.060559	3.577116	.1260748

Sample Name: M4184-14DLX5 Acquired: 10/22/2021 16:44:26 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0AZ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4020116	.0181165	.0592464
Stddev	.0003419	.0007421	.0001997
%RSD	.0850411	4.096214	.3370967
#1	.4016721	.0172615	.0592362
#2	.4023558	.0184948	.0594510
#3	.4020069	.0185931	.0590520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.353	37811.03	5975.591	775.3581	1794.603
Stddev	2.857	139.55	33.414	6.0624	1.257
%RSD	.2091242	.3690673	.5591762	.7818793	.0700285
#1	1366.147	37875.08	6010.165	779.2432	1793.279
#2	1369.308	37907.06	5943.472	778.4586	1794.749
#3	1363.604	37650.96	5973.135	768.3726	1795.779

Sample Name: M4184-21DLX5 Acquired: 10/22/2021 16:48:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988216	.0011330	4.876869	-.007000	.0059416	28.79683	.3722280
Stddev	.0069492	.0044821	.006113	.000745	.0012359	.03364	.0015091
%RSD	7.032058	395.6014	.1253381	10.64069	20.80010	.1168216	.4054100

#1	.1024811	-.001267	4.873499	-.007033	.0071555	28.82867	.3708810
#2	.1031763	-.001638	4.883925	-.006239	.0046849	28.80018	.3738588
#3	.0908074	.006304	4.873184	-.007727	.0059844	28.76164	.3719442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059380	.0396285	150.2669	.0370554	.0159612	.6802186	95.09184
Stddev	.0001655	.0002363	.0901	.0008873	.0004422	.0045947	.57537
%RSD	2.786474	.5962809	.0599395	2.394405	2.770381	.6754695	.6050679

#1	.0061062	.0398694	150.3702	.0360447	.0155979	.6795571	95.35301
#2	.0057754	.0393971	150.2047	.0377059	.0158322	.6851082	95.49031
#3	.0059324	.0396189	150.2257	.0374157	.0164536	.6759906	94.43221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.269048	7.370747	.0423055	.0056310	1.177536	.0349672	18.44047
Stddev	.008746	.049502	.0010716	.0001973	.289785	.0008335	.06524
%RSD	.1659966	.6716040	2.532991	3.503258	24.60941	2.383617	.3537714

#1	5.268202	7.378091	.0417589	.0054675	1.004661	.0359144	18.43204
#2	5.260755	7.416167	.0435402	.0058501	1.015858	.0343461	18.50952
#3	5.278187	7.317983	.0416175	.0055755	1.512088	.0346410	18.37987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.094774	.5810923	.0928853	.0023665	6.971074	5.023265	.0986887
Stddev	.015923	.0052929	.0003876	.0008779	.033633	.013907	.0029431
%RSD	.7601177	.9108536	.4173160	37.09709	.4824634	.2768542	2.982150

#1	2.105469	.5871842	.0931619	.0031509	6.951752	5.036955	.0955674
#2	2.076475	.5776204	.0930516	.0014182	6.951561	5.023690	.0990857
#3	2.102378	.5784723	.0924422	.0025306	7.009910	5.009151	.1014132

Sample Name: M4184-21DLX5 Acquired: 10/22/2021 16:48:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.210360	.0314441	.3210050
Stddev	.002599	.0008502	.0009173
%RSD	.2146942	2.703697	.2857540
#1	1.212566	.0306874	.3219498
#2	1.211018	.0312810	.3201180
#3	1.207496	.0323640	.3209473

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.178	37731.89	5943.568	765.6357	1728.850
Stddev	4.247	30.98	30.554	2.4941	1.881
%RSD	.3138390	.0821155	.5140644	.3257599	.1088060
#1	1351.149	37696.92	5911.435	764.2605	1727.060
#2	1350.326	37755.93	5947.020	764.1319	1728.679
#3	1358.059	37742.82	5972.250	768.5147	1730.810

Sample Name: M4184-22DLX5 Acquired: 10/22/2021 16:52:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0634939	.0019151	2.183582	.0013889	.0024075	13.78807	.1380121
Stddev	.0038796	.0044885	.003252	.0071495	.0013416	.08400	.0005179
%RSD	6.110247	234.3689	.1489067	514.7623	55.72580	.6092338	.3752554

#1	.0671193	-.003041	2.186939	-.003394	.0038742	13.84039	.1383070
#2	.0594021	.003079	2.180448	-.002047	.0012424	13.83263	.1374141
#3	.0639602	.005707	2.183360	.009608	.0021059	13.69117	.1383152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032111	.0273899	16.62288	.0328604	.0203696	.3983385	76.98837
Stddev	.0000827	.0002750	.01409	.0000653	.0001330	.0032180	.91540
%RSD	2.575613	1.003947	.0847574	.1985918	.6529253	.8078460	1.189009

#1	.0032418	.0276443	16.60950	.0328129	.0204524	.4010495	77.47788
#2	.0031174	.0270981	16.63758	.0328335	.0202162	.3991835	77.55493
#3	.0032741	.0274272	16.62156	.0329348	.0204402	.3947823	75.93229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.119930	1.711867	.0450084	.0028579	.5817832	.0394371	12.93351
Stddev	.002782	.031014	.0011940	.0004241	.1760521	.0007564	.05594
%RSD	.2483767	1.811724	2.652850	14.83851	30.26077	1.917920	.4325466

#1	1.117561	1.676345	.0457495	.0031384	.5680215	.0403051	12.99693
#2	1.119236	1.733572	.0436310	.0023701	.7643123	.0390868	12.91244
#3	1.122993	1.725684	.0456447	.0030652	.4130158	.0389194	12.89116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062301	.7751240	.0339203	.0022074	1.728320	4.889368	.0461771
Stddev	.070461	.0044601	.0031840	.0006925	.022233	.015458	.0013273
%RSD	6.632841	.5753992	9.386720	31.36989	1.286418	.3161580	2.874440

#1	1.014174	.7699753	.0363929	.0014362	1.751113	4.877308	.0463476
#2	1.029553	.7777964	.0350404	.0027758	1.727157	4.906794	.0447727
#3	1.143176	.7776005	.0303276	.0024103	1.706691	4.884003	.0474109

Sample Name: M4184-22DLX5 Acquired: 10/22/2021 16:52:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: C0B29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3218545	.0186901	.0021196
Stddev	.0035973	.0011924	.0006789
%RSD	1.117690	6.379905	32.02783

#1	.3212713	.0192988	.0016904
#2	.3257077	.0173162	.0017662
#3	.3185843	.0194554	.0029023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.450	37952.62	5941.319	778.6966	1800.815
Stddev	2.837	201.75	50.368	5.4567	1.852
%RSD	.2077847	.5315912	.8477607	.7007428	.1028379

#1	1362.789	37721.78	5902.397	773.0318	1799.144
#2	1365.125	38040.86	5923.353	783.9181	1800.495
#3	1368.435	38095.22	5998.207	779.1400	1802.806

Sample Name: M4184-17A Acquired: 10/22/2021 16:56:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055022	.0004302	1.060416	.0830309	.1213255	73.35493	1.153878
Stddev	.0068157	.0059001	.002609	.0142724	.0013353	.10984	.002390
%RSD	6.460259	1371.535	.2459948	17.18923	1.100598	.1497392	.2071608

#1	.1128602	-.006379	1.058392	.0983446	.1226659	73.42889	1.155603
#2	.0994047	.003648	1.059497	.0700997	.1199954	73.40719	1.154881
#3	.1042416	.004022	1.063360	.0806484	.1213152	73.22872	1.151149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056189	.0121278	26.65839	.1099806	.0639760	.1463690	175.7258
Stddev	.0000804	.0001742	.00344	.0002312	.0008229	.0012971	.4382
%RSD	1.431056	1.436109	.0129227	.2102195	1.286230	.8861614	.2493479

#1	.0056910	.0122643	26.65502	.1097711	.0648015	.1478666	176.1969
#2	.0055322	.0121874	26.65825	.1099420	.0631557	.1456361	175.6502
#3	.0056335	.0119316	26.66191	.1102287	.0639708	.1456043	175.3304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357140	9.242696	.0973574	.0027237	1.160262	.1617594	3.894348
Stddev	.004966	.022980	.0011778	.0002421	.172058	.0015528	.026071
%RSD	.2106913	.2486312	1.209722	8.889036	14.82921	.9599226	.6694630

#1	2.351865	9.225039	.0966028	.0025972	1.025091	.1617013	3.866862
#2	2.357828	9.268679	.0987145	.0030028	1.353945	.1602365	3.918726
#3	2.361726	9.234371	.0967550	.0025710	1.101751	.1633404	3.897455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832918	4.341701	.0530064	.0066417	3.011978	15.80244	.0411862
Stddev	.013451	.022904	.0020023	.0008265	.008287	.04728	.0043081
%RSD	.2783238	.5275447	3.777411	12.44399	.2751406	.2992048	10.46012

#1	4.846963	4.333868	.0535304	.0060782	3.016668	15.85395	.0444920
#2	4.820152	4.367494	.0546946	.0075904	3.016856	15.76100	.0363140
#3	4.831640	4.323740	.0507943	.0062564	3.002410	15.79237	.0427525

Sample Name: M4184-17A Acquired: 10/22/2021 16:56:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B15A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6344392	.0565869	-.058832
Stddev	.0034790	.0006944	.000503
%RSD	.5483555	1.227197	.8552705

#1	.6352317	.0564968	-.058881
#2	.6374535	.0559419	-.059310
#3	.6306323	.0573219	-.058307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.984	40435.24	6272.812	829.1769	1825.286
Stddev	2.848	120.12	47.364	4.4490	1.713
%RSD	.1954425	.2970592	.7550650	.5365559	.0938299

#1	1457.025	40507.43	6237.403	828.0488	1825.771
#2	1454.116	40501.72	6326.613	834.0814	1826.704
#3	1459.811	40296.58	6254.419	825.4006	1823.384

Sample Name: M4206-19 Acquired: 10/22/2021 17:02:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917347	.0002717	1.440381	-.001654	.0003357	94.90924	1.163145
Stddev	.0047134	.0030290	.000579	.004034	.0029094	.22769	.001123
%RSD	5.138127	1114.948	.0402315	243.8612	866.5942	.2399009	.0965544

#1	.0966422	-.001580	1.440765	-.002672	-.000691	95.01784	1.163569
#2	.0913190	.003767	1.440663	-.005082	-.001921	95.06229	1.163995
#3	.0872428	-.001372	1.439714	.002791	.003619	94.64758	1.161872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076509	.0099134	4.835285	.1383962	.1380142	.3108090	158.2342
Stddev	.0002224	.0001667	.016200	.0010947	.0004254	.0002033	.5790
%RSD	2.907192	1.681917	.3350280	.7909740	.3082286	.0653945	.3659260

#1	.0079075	.0100566	4.828530	.1378707	.1384900	.3108842	158.8875
#2	.0075138	.0097304	4.853769	.1376633	.1376707	.3105788	158.0305
#3	.0075313	.0099533	4.823556	.1396545	.1378818	.3109639	157.7846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.396433	6.083119	.0756435	.0020065	.7666795	.2161081	1.328441
Stddev	.011067	.012066	.0008017	.0000930	.1397481	.0017715	.007517
%RSD	.2050849	.1983580	1.059840	4.636162	18.22771	.8197426	.5658371

#1	5.384250	6.086675	.0755713	.0019006	.8863825	.2177505	1.334866
#2	5.405864	6.093007	.0748804	.0020748	.6131107	.2142309	1.330284
#3	5.399186	6.069674	.0764789	.0020442	.8005452	.2163430	1.320175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.985763	7.136675	.0410472	.0075003	1.301905	14.99829	.0915589
Stddev	.094958	.008401	.0027362	.0006339	.016332	.11193	.0039934
%RSD	3.180364	.1177218	6.665897	8.451869	1.254469	.7462822	4.361602

#1	3.088047	7.127108	.0380796	.0082319	1.287551	15.10144	.0885077
#2	2.968836	7.142851	.0415921	.0071537	1.298491	15.01414	.0960787
#3	2.900408	7.140067	.0434699	.0071153	1.319675	14.87928	.0900902

Sample Name: M4206-19 Acquired: 10/22/2021 17:02:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5613837	.0577040	-.109273
Stddev	.0021705	.0006681	.000498
%RSD	.3866250	1.157711	.4557075

#1	.5620052	.0578735	-.109848
#2	.5631756	.0582710	-.109000
#3	.5589703	.0569676	-.108971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1504.248	41655.17	6507.388	853.8411	1817.720
Stddev	2.712	71.42	5.159	2.0747	2.447
%RSD	.1803013	.1714642	.0792820	.2429803	.1346114

#1	1503.213	41572.79	6504.448	856.2342	1814.957
#2	1507.326	41692.92	6504.371	852.7409	1819.612
#3	1502.206	41699.79	6513.345	852.5484	1818.591

Sample Name: CCV069 Acquired: 10/22/2021 17:06:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943219	4.948958	24.95805	4.836286	4.920027	415.4334
Stddev	.029897	.002190	.05442	.012890	.019844	1.3025
%RSD	.6048151	.0442588	.2180613	.2665320	.4033375	.3135190

#1	4.909191	4.949489	24.97184	4.851130	4.900386	413.9403
#2	4.955192	4.946551	25.00425	4.827909	4.940068	416.0235
#3	4.965274	4.950834	24.89805	4.829820	4.919627	416.3363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25679	.5077594	2.501223	406.2820	15.39568	2.527054
Stddev	.03707	.0052135	.004543	1.1291	.07955	.005568
%RSD	.3614557	1.026761	.1816465	.2779114	.5166897	.2203513

#1	10.28341	.5069040	2.500043	406.0714	15.36563	2.526876
#2	10.27252	.5030266	2.506240	407.5016	15.33554	2.532710
#3	10.21445	.5133477	2.497386	405.2731	15.48588	2.521577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26123	411.9158	14.96489	402.9682	2.489916	1.284578
Stddev	.02230	3.1218	.04237	1.3875	.005414	.002361
%RSD	.1461368	.7578801	.2831267	.3443110	.2174484	.1837628

#1	15.23697	409.0549	14.98221	404.4712	2.491133	1.283040
#2	15.28084	411.4471	14.99586	402.6972	2.494618	1.283397
#3	15.26587	415.2455	14.91661	401.7363	2.483996	1.287296

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.5126	2.514860	14.85407	153.7512	F 19.83032	5.083073
Stddev	1.7240	.015266	.06260	.8149	.03269	.041624
%RSD	.4220243	.6070224	.4214254	.5300131	.1648325	.8188732

#1	407.1507	2.506543	14.79751	153.3195	19.83324	5.087196
#2	407.9362	2.505559	14.92133	153.2430	19.86146	5.039541
#3	410.4510	2.532478	14.84338	154.6911	19.79628	5.122482

Sample Name: CCV069 Acquired: 10/22/2021 17:06:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928800	F 34.22633	4.981608	5.078898	5.068855	5.133371
Stddev	.005012	.04113	.039592	.002054	.029951	.014283
%RSD	.1016783	.1201682	.7947662	.0404440	.5908741	.2782462

#1	4.923769	34.21156	4.980443	5.081007	5.035104	5.127291
#2	4.928839	34.27280	4.942611	5.078783	5.092264	5.149688
#3	4.933792	34.19462	5.021770	5.076903	5.079198	5.123133

Elem	Sr4077
Units	ppm
Avg	4.871017
Stddev	.078564
%RSD	1.612888

#1	4.809520
#2	4.844009
#3	4.959523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1160.940	34198.01	5519.607	655.4452	1452.507
Stddev	.937	146.41	35.736	2.5840	3.868
%RSD	.0806904	.4281307	.6474453	.3942435	.2662864

#1	1159.919	34226.81	5530.451	653.2824	1450.716
#2	1161.139	34327.88	5548.665	658.3068	1449.859
#3	1161.761	34039.34	5479.704	654.7465	1456.945

Sample Name: CCB069 Acquired: 10/22/2021 17:10:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002555	.0051901	.0029824	.0046980	.0018862	-.006019	-.000063
Stddev	.006727	.0023345	.0013934	.0055962	.0015307	.007387	.000537
%RSD	263.2596	44.97950	46.71887	119.1188	81.15208	122.7260	852.1072

#1	-.004052	.0075880	.0042899	.0105362	.0007526	-.005007	-.000086
#2	-.008408	.0029246	.0031407	-.000620	.0036274	.000809	.000485
#3	.004794	.0050577	.0015167	.004178	.0012786	-.013860	-.000588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001340	.0000768	-.002956	-.000687	.0000466	-.001164	-.001023
Stddev	.0000445	.0001134	.018380	.000473	.0002158	.000625	.017299
%RSD	33.16171	147.6569	621.7102	68.91249	463.1331	53.66695	1690.862

#1	.0001489	.0001886	-.002036	-.000595	-.000164	-.001178	-.018893
#2	.0001691	-.000038	.014946	-.000266	.000037	-.001781	.015642
#3	.0000841	.000080	-.021780	-.001199	.000267	-.000532	.000182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000915	.0049759	-.000154	.0003614	-.011149	-.000335	.0010954
Stddev	.0001708	.0242518	.000197	.0004100	.026870	.003516	.0054461
%RSD	186.6349	487.3844	127.7541	113.4471	241.0084	1048.989	497.1825

#1	-.000033	.0050396	-.000314	.0008332	-.013456	-.004344	.0067438
#2	.000021	.0291958	.000066	.0000924	.016800	.001117	-.004123
#3	.000286	-.019308	-.000216	.0001585	-.036791	.002222	.000665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247709	-.001426	.0089429	.0002868	.0058636	-.000110	-.002332
Stddev	.0400530	.003789	.0009744	.0003815	.0059439	.001027	.001806
%RSD	161.6941	265.7522	10.89592	133.0145	101.3692	936.4061	77.46890

#1	-.018157	-.004914	.0081521	.0006570	.0050373	.000541	-.003197
#2	.061139	.002606	.0086451	.0003087	.0003761	-.001294	-.000255
#3	.031331	-.001969	.0100314	-.000105	.0121775	.000424	-.003542

Sample Name: CCB069 Acquired: 10/22/2021 17:10:37 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000512	.0013364	-.000021
Stddev	.0007223	.0008659	.000056
%RSD	1409.563	64.79880	267.9445

#1	.0001561	.0005310	-.000054
#2	-.000718	.0012258	.000044
#3	.000715	.0022523	-.000052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.692	36978.66	5786.302	763.6241	1797.390
Stddev	3.998	99.96	11.681	3.5891	3.207
%RSD	.2977921	.2703250	.2018715	.4700089	.1784338

#1	1343.078	37050.63	5773.375	767.1572	1798.744
#2	1338.515	37020.84	5789.432	759.9815	1793.728
#3	1346.484	36864.53	5796.099	763.7337	1799.697

Sample Name: M4206-20 Acquired: 10/22/2021 17:14:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695843	.0041539	1.146116	.0002864	.0044955	116.6752	1.075430
Stddev	.0020142	.0031548	.004436	.0036535	.0045707	.0245	.001387
%RSD	2.894578	75.94739	.3870084	1275.601	101.6741	.0210164	.1289805

#1	.0708238	.0005124	1.142324	.0043115	.0026183	116.6706	1.076269
#2	.0706688	.0058884	1.150994	-.000632	.0011622	116.6532	1.076192
#3	.0672602	.0060610	1.145029	-.002820	.0097059	116.7016	1.073829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144766	.0164096	41.99880	.2094582	.2510961	.4615656	414.7806
Stddev	.0002273	.0001619	.18561	.0027272	.0009022	.0014384	.8858
%RSD	1.570316	.9864916	.4419408	1.302041	.3593133	.3116285	.2135703

#1	.0143402	.0164795	42.12774	.2126074	.2514651	.4610428	414.0595
#2	.0147391	.0165248	42.08260	.2078747	.2500679	.4631923	414.5128
#3	.0143506	.0162245	41.78607	.2078926	.2517553	.4604618	415.7694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.591845	18.42332	.2527223	.0053411	3.515719	.2763211	3.296935
Stddev	.031986	.06852	.0011149	.0002614	.332955	.0028362	.031635
%RSD	.3334758	.3719366	.4411407	4.894756	9.470468	1.026399	.9595329

#1	9.585604	18.48926	.2529690	.0053687	3.138113	.2735790	3.333273
#2	9.626492	18.42824	.2536932	.0055876	3.641913	.2792427	3.275534
#3	9.563440	18.35248	.2515048	.0050669	3.767130	.2761415	3.281998

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.267965	3.780162	.0755394	.0037043	1.468757	16.84177	.1147435
Stddev	.016904	.026862	.0061409	.0006265	.001416	.07938	.0035199
%RSD	.2044500	.7106156	8.129446	16.91208	.0964137	.4713143	3.067660

#1	8.249080	3.800405	.0818037	.0042103	1.469575	16.75011	.1107807
#2	8.281682	3.749687	.0695298	.0038991	1.467122	16.88720	.1159425
#3	8.273132	3.790394	.0752846	.0030036	1.469574	16.88799	.1175073

Sample Name: M4206-20 Acquired: 10/22/2021 17:14:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4637985	.1092515	-.179677
Stddev	.0021505	.0002794	.000662
%RSD	.4636660	.2557030	.3685582

#1	.4659951	.1092071	-.179228
#2	.4616973	.1095504	-.179366
#3	.4637032	.1089970	-.180438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.283	41076.92	6419.706	845.4621	1768.888
Stddev	4.183	64.68	20.956	1.0562	3.782
%RSD	.2831646	.1574665	.3264265	.1249234	.2137922

#1	1481.019	41019.36	6442.678	844.4730	1772.878
#2	1478.066	41064.49	6414.803	846.5746	1768.430
#3	1472.764	41146.92	6401.636	845.3386	1765.357

Sample Name: M4206-21 Acquired: 10/22/2021 17:18:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244732	-.001824	1.226038	-.001894	.0011008	118.3710	.7467484
Stddev	.0049917	.003245	.009825	.007940	.0004188	.4774	.0011340
%RSD	20.39671	177.9128	.8013982	419.2272	38.04244	.4032815	.1518618

#1	.0204404	.000179	1.237175	-.002968	.0006325	118.3575	.7458000
#2	.0300561	-.005567	1.222345	.006528	.0014393	118.8550	.7464407
#3	.0229230	-.000083	1.218594	-.009242	.0012306	117.9005	.7480045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104789	.0077274	27.37446	.1989808	.1198755	.3066212	294.1762
Stddev	.0000283	.0000996	.02960	.0007984	.0012228	.0003230	2.1138
%RSD	.2699051	1.289349	.1081265	.4012435	1.020036	.1053516	.7185555

#1	.0104607	.0077005	27.34658	.1997101	.1212511	.3069123	293.6393
#2	.0104645	.0076440	27.37128	.1981277	.1189120	.3066778	296.5067
#3	.0105115	.0078377	27.40552	.1991046	.1194636	.3062737	292.3826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.089944	21.68601	.2683007	.0053922	1.526056	.2161123	3.114327
Stddev	.005558	.17234	.0004418	.0003686	.404473	.0013784	.028861
%RSD	.2659183	.7946990	.1646567	6.836674	26.50447	.6378012	.9267067

#1	2.093375	21.82300	.2686271	.0049701	1.392998	.2176595	3.081019
#2	2.083532	21.49251	.2677980	.0056514	1.204874	.2156619	3.131900
#3	2.092926	21.74253	.2684770	.0055550	1.980297	.2150155	3.130063

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.328377	4.876959	.0567565	.0029147	2.712699	15.05039	.0467601
Stddev	.022509	.005375	.0042217	.0001668	.010224	.15019	.0002491
%RSD	.2412919	.1102076	7.438352	5.724502	.3768934	.9979082	.5327223

#1	9.316682	4.876712	.0528227	.0027237	2.706930	15.20335	.0465568
#2	9.354326	4.882454	.0612168	.0029879	2.706664	15.04467	.0470380
#3	9.314124	4.871713	.0562300	.0030323	2.724504	14.90314	.0466855

Sample Name: M4206-21 Acquired: 10/22/2021 17:18:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2048751	.1942114	-.133241
Stddev	.0025316	.0005973	.002054
%RSD	1.235675	.3075546	1.541927

#1	.2065181	.1943411	-.132361
#2	.2061475	.1947332	-.135588
#3	.2019597	.1935599	-.131772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.536	42327.37	6585.069	867.4803	1786.414
Stddev	3.369	184.90	51.367	5.5398	2.024
%RSD	.2212473	.4368236	.7800534	.6386127	.1133233

#1	1522.820	42536.51	6543.001	873.7189	1784.754
#2	1525.753	42185.65	6569.892	863.1363	1788.670
#3	1519.034	42259.94	6642.315	865.5856	1785.819

Sample Name: M4206-22 Acquired: 10/22/2021 17:22:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755697	.0011954	1.159358	-.004363	-.002586	76.40189	.5165669
Stddev	.0111063	.0015299	.003610	.005959	.003027	.15957	.0016875
%RSD	14.69680	127.9882	.3113415	136.5774	117.0266	.2088569	.3266815

#1	.0849294	-.000296	1.161621	-.010969	-.001540	76.49583	.5147572
#2	.0632972	.002761	1.161257	.000609	-.005997	76.49219	.5180974
#3	.0784826	.001121	1.155195	-.002729	-.000221	76.21764	.5168463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051906	.0112455	7.736006	.1144692	.0554048	.1719909	139.5179
Stddev	.0000159	.0002682	.008507	.0007527	.0004962	.0015833	.9407
%RSD	.3069673	2.384814	.1099661	.6575831	.8954928	.9205550	.6742604

#1	.0051737	.0115284	7.726818	.1153368	.0553055	.1733585	140.4659
#2	.0051928	.0109950	7.737592	.1140804	.0559431	.1723578	139.5033
#3	.0052053	.0112132	7.743609	.1139903	.0549659	.1702563	138.5847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068570	7.154316	.0814801	.0016710	.8347976	.1786309	2.613538
Stddev	.005624	.053291	.0008736	.0003783	.4967042	.0048672	.014866
%RSD	.5262843	.7448814	1.072210	22.63890	59.49996	2.724725	.5688198

#1	1.062499	7.103722	.0812539	.0020851	.4450632	.1798915	2.597329
#2	1.069609	7.209947	.0807417	.0015842	1.394076	.1732574	2.626538
#3	1.073602	7.149281	.0824445	.0013436	.665254	.1827437	2.616745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.272317	1.674231	.0366285	.0038331	.8885264	13.63841	.0851167
Stddev	.036951	.007334	.0024362	.0004755	.0099738	.15319	.0017238
%RSD	.8649018	.4380579	6.651119	12.40422	1.122514	1.123245	2.025196

#1	4.230747	1.667374	.0341697	.0040500	.9000325	13.80498	.0857467
#2	4.301430	1.673355	.0366742	.0032878	.8832043	13.60669	.0831665
#3	4.284774	1.681963	.0390415	.0041614	.8823425	13.50356	.0864368

Sample Name: M4206-22 Acquired: 10/22/2021 17:22:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: C0B48 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4495148	.0520923	-.046501
Stddev	.0007744	.0007718	.000951
%RSD	.1722733	1.481567	2.045472

#1	.4488386	.0517891	-.047416
#2	.4503596	.0529696	-.046570
#3	.4493461	.0515182	-.045518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1469.063	40906.36	6296.080	844.2197	1829.704
Stddev	5.936	99.97	27.103	4.4843	2.225
%RSD	.4040741	.2443984	.4304790	.5311773	.1216237

#1	1473.370	40953.45	6270.265	848.0408	1832.005
#2	1471.527	40974.09	6324.310	845.3355	1827.563
#3	1462.292	40791.53	6293.666	839.2829	1829.544

Sample Name: M4197-01 Acquired: 10/22/2021 17:26:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597747	.0043552	.1523404	.0068036	-.003413	141.0886	1.626520
Stddev	.0087604	.0029488	.0019487	.0102265	.002233	.1468	.010107
%RSD	14.65570	67.70775	1.279189	150.3100	65.41996	.1040799	.6214116

#1	.0496632	.0013868	.1510931	-.002397	-.000958	141.1036	1.634635
#2	.0645803	.0072840	.1513421	.004993	-.005323	140.9348	1.615199
#3	.0650805	.0043948	.1545860	.017814	-.003958	141.2273	1.629728

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090008	.0043167	27.82177	.1683927	.0826599	.1374537	222.9778
Stddev	.0000653	.0000590	.12515	.0008452	.0002778	.0006529	.7504
%RSD	.7253847	1.367519	.4498113	.5019425	.3360562	.4749750	.3365404

#1	.0090178	.0042671	27.89421	.1678096	.0824192	.1380061	222.2980
#2	.0089287	.0043010	27.67727	.1680064	.0825965	.1367332	223.7831
#3	.0090559	.0043820	27.89385	.1693620	.0829638	.1376217	222.8524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.907908	41.24114	.0994548	.0026136	2.793439	.4045415	.5378833
Stddev	.027393	.28880	.0002269	.0003870	.265183	.0046043	.0058097
%RSD	.7009603	.7002663	.2281251	14.80673	9.493054	1.138162	1.080110

#1	3.932276	41.52962	.0997106	.0026691	2.976186	.4011434	.5316984
#2	3.878259	40.95202	.0993757	.0029698	2.489288	.4097817	.5387256
#3	3.913188	41.24177	.0992780	.0022018	2.914844	.4026995	.5432259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.87090	5.251580	.0368055	.0004125	.1742912	22.95696	-.011971
Stddev	.04808	.029331	.0032461	.0008931	.0099555	.16022	.002855
%RSD	.1789275	.5585158	8.819652	216.5206	5.712008	.6979323	23.85071

#1	26.85890	5.266547	.0344797	.0004264	.1854980	23.06738	-.013289
#2	26.82995	5.217785	.0354228	-.000488	.1709057	23.03029	-.013929
#3	26.92384	5.270407	.0405140	.001299	.1664700	22.77319	-.008695

Sample Name: M4197-01 Acquired: 10/22/2021 17:26:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.142530	.1466869	.1186487
Stddev	.014863	.0006775	.0014203
%RSD	.1625687	.4618876	1.197098

#1	9.139113	.1471093	.1200150
#2	9.129672	.1459054	.1171799
#3	9.158803	.1470460	.1187513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1508.803	42269.10	6582.620	867.1121	1759.198
Stddev	5.303	98.86	32.288	2.4704	1.567
%RSD	.3515006	.2338776	.4905016	.2849033	.0890979

#1	1507.269	42366.87	6546.622	864.5085	1759.280
#2	1504.436	42271.25	6592.214	869.4234	1760.723
#3	1514.705	42169.19	6609.023	867.4046	1757.591

Sample Name: M4197-02 Acquired: 10/22/2021 17:30:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303598	.0009957	.1053136	-.002069	-.001058	69.94603	.8725560
Stddev	.0046858	.0059772	.0028585	.005756	.001625	.44923	.0015084
%RSD	15.43425	600.2865	2.714258	278.2208	153.6343	.6422515	.1728696

#1	.0352540	-.002179	.1077921	.004171	.000313	70.43184	.8737519
#2	.0299105	-.002724	.1059622	-.007173	-.000634	69.86060	.8708614
#3	.0259148	.007890	.1021866	-.003205	-.002853	69.54565	.8730548

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067690	.0045652	27.89305	.1308412	.0478961	.0734551	165.8146
Stddev	.0000925	.0001466	.07695	.0008222	.0003175	.0015376	1.4399
%RSD	1.366894	3.211635	.2758646	.6284051	.6628421	2.093279	.8684055

#1	.0066622	.0045486	27.98137	.1313523	.0475389	.0738796	167.2830
#2	.0068182	.0047194	27.85729	.1312785	.0480033	.0747359	165.7557
#3	.0068264	.0044275	27.84050	.1298927	.0481461	.0717498	164.4050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.897602	33.39599	.0383177	.0020032	1.828656	.2860441	.5460360
Stddev	.009748	.31073	.0006225	.0003104	.246133	.0067229	.0029255
%RSD	.3364079	.9304537	1.624602	15.49346	13.45975	2.350288	.5357649

#1	2.908310	33.32470	.0389808	.0021705	1.544567	.2930034	.5490744
#2	2.895251	33.12709	.0382264	.0021939	1.977853	.2795856	.5457952
#3	2.889245	33.73617	.0377459	.0016450	1.963548	.2855434	.5432383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01619	5.900077	.0286039	.0013113	.0633024	15.32181	-.001107
Stddev	.02916	.024297	.0031645	.0004847	.0039935	.05098	.003960
%RSD	.1941976	.4118001	11.06320	36.96006	6.308552	.3327535	357.9087

#1	15.01465	5.872485	.0314989	.0016370	.0654692	15.31823	-.001790
#2	15.04609	5.909478	.0252255	.0007543	.0586939	15.37449	-.004680
#3	14.98783	5.918268	.0290872	.0015426	.0657442	15.27271	.003151

Sample Name: M4197-02 Acquired: 10/22/2021 17:30:56 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.693283	.1108397	.0953818
Stddev	.043756	.0023026	.0010178
%RSD	.9323201	2.077443	1.067046

#1	4.732543	.1132196	.0948316
#2	4.701197	.1106766	.0947576
#3	4.646110	.1086230	.0965562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.312	40866.52	6333.329	843.1472	1792.606
Stddev	1.630	43.76	13.683	3.5139	3.745
%RSD	.1113584	.1070769	.2160448	.4167651	.2089065

#1	1464.038	40829.66	6319.512	846.2291	1792.312
#2	1464.451	40914.88	6333.601	843.8920	1796.490
#3	1461.445	40855.03	6346.873	839.3206	1789.017

Sample Name: M4197-03 Acquired: 10/22/2021 17:34:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136488	-.006294	.7440620	-.007551	-.002821	128.0319	1.342159
Stddev	.0033284	.005854	.0043726	.007528	.002809	.7040	.002281
%RSD	24.38634	93.01553	.5876647	99.68788	99.57108	.5498281	.1699306

#1	.0159497	-.010473	.7452849	-.002810	-.002317	127.9724	1.344592
#2	.0098323	-.008806	.7392082	-.003613	-.000298	128.7638	1.341815
#3	.0151643	.000397	.7476930	-.016231	-.005847	127.3597	1.340070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102204	.0057306	49.40021	.1769543	.0971439	.0944621	284.6516
Stddev	.0002182	.0001943	.17166	.0003343	.0013655	.0025912	1.9325
%RSD	2.135085	3.390902	.3474885	.1889301	1.405671	2.743166	.6788990

#1	.0099806	.0058586	49.46443	.1767319	.0972901	.0925414	285.0014
#2	.0104072	.0055070	49.53051	.1773387	.0957111	.0974093	286.3853
#3	.0102735	.0058262	49.20570	.1767922	.0984304	.0934354	282.5681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.336061	64.83165	.0381233	.0039744	2.299586	.5337836	.6432852
Stddev	.013942	.06040	.0013491	.0006040	.049501	.0044441	.0098893
%RSD	.2612763	.0931641	3.538868	15.19840	2.152601	.8325731	1.537316

#1	5.333586	64.86845	.0393063	.0032771	2.346479	.5321505	.6542455
#2	5.351074	64.86456	.0366540	.0043360	2.247835	.5388132	.6405802
#3	5.323522	64.76195	.0384096	.0043101	2.304445	.5303870	.6350297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.32396	8.099168	.0465248	.0047995	.0987762	21.24679	-.024673
Stddev	.09925	.021236	.0061582	.0009473	.0058850	.28374	.001548
%RSD	.3070524	.2622039	13.23633	19.73755	5.957879	1.335451	6.272996

#1	32.29799	8.074735	.0534750	.0049375	.1055032	21.08589	-.024896
#2	32.43361	8.109578	.0417483	.0056703	.0945799	21.57440	-.026096
#3	32.24027	8.113190	.0443510	.0037908	.0962456	21.08006	-.023025

Sample Name: M4197-03 Acquired: 10/22/2021 17:34:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.68839	.2953245	.0418326
Stddev	.11629	.0017477	.0014511
%RSD	.8495800	.5917905	3.468852

#1	13.71471	.2963626	.0415225
#2	13.78928	.2963041	.0405616
#3	13.56120	.2933067	.0434137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.830	43061.33	6702.622	874.7798	1733.204
Stddev	2.543	203.41	40.773	4.7728	2.910
%RSD	.1661017	.4723842	.6083152	.5455977	.1678775

#1	1532.749	42880.93	6717.747	870.2102	1735.945
#2	1531.796	43281.80	6656.448	879.7327	1730.151
#3	1527.946	43021.27	6733.671	874.3966	1733.518

Sample Name: M4197-04 Acquired: 10/22/2021 17:39:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254891	-.004138	.1139304	-.005998	-.003869	66.22010	1.120533
Stddev	.0074044	.003547	.0021545	.002518	.001306	.22203	.001830
%RSD	29.04937	85.71958	1.891092	41.97518	33.76813	.3352905	.1632929

#1	.0240711	-.005967	.1121149	-.007855	-.004951	66.13379	1.122389
#2	.0335000	-.000050	.1133652	-.007006	-.002418	66.47232	1.118731
#3	.0188962	-.006397	.1163113	-.003132	-.004237	66.05418	1.120478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066475	.0042375	29.36840	.1604550	.0719272	.0761264	160.2806
Stddev	.0001531	.0001329	.00943	.0014982	.0005854	.0009867	1.0334
%RSD	2.302529	3.135728	.0321129	.9337355	.8139423	1.296166	.6447217

#1	.0065545	.0041100	29.37838	.1611783	.0713595	.0754426	159.9664
#2	.0068242	.0042274	29.35963	.1614543	.0718932	.0772576	161.4347
#3	.0065639	.0043752	29.36720	.1587323	.0725289	.0756791	159.4409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.890316	33.21078	.0515103	.0017292	1.660631	.3125941	.3853593
Stddev	.003778	.10372	.0004859	.0002057	.123304	.0013112	.0101543
%RSD	.1307044	.3123055	.9433111	11.89572	7.425148	.4194687	2.635022

#1	2.886204	33.13263	.0509567	.0016474	1.525372	.3140643	.3955301
#2	2.891111	33.32845	.0517076	.0015770	1.766767	.3115457	.3752216
#3	2.893633	33.17126	.0518664	.0019632	1.689753	.3121723	.3853264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27641	7.968454	.0253499	.0002093	.1093440	11.82433	-.012473
Stddev	.00909	.043610	.0030182	.0003923	.0077026	.16689	.001011
%RSD	.0558437	.5472889	11.90602	187.4231	7.044349	1.411403	8.102553

#1	16.26592	7.946949	.0284892	-.000232	.1004521	11.66996	-.012132
#2	16.28138	7.939773	.0224695	.000343	.1139622	12.00141	-.011678
#3	16.28194	8.018640	.0250909	.000518	.1136177	11.80161	-.013611

Sample Name: M4197-04 Acquired: 10/22/2021 17:39:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.226757	.1150149	.1012669
Stddev	.033188	.0005015	.0004489
%RSD	.5329825	.4360653	.4432881

#1	6.238095	.1153034	.1013060
#2	6.252790	.1144357	.1007998
#3	6.189386	.1153055	.1016950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1705.478	47583.64	7331.274	973.1202	1780.500
Stddev	5.774	162.30	52.559	5.1182	7.155
%RSD	.3385507	.3410767	.7169082	.5259612	.4018555

#1	1705.896	47506.90	7370.556	967.2644	1781.320
#2	1711.032	47473.95	7271.569	975.3565	1787.210
#3	1699.507	47770.08	7351.696	976.7398	1772.970

Sample Name: M4197-05 Acquired: 10/22/2021 17:43:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268477	-.003305	.1097110	-.006849	-.002483	81.70058	1.230481
Stddev	.0064722	.001216	.0016068	.005657	.001269	.35988	.002330
%RSD	24.10724	36.78861	1.464527	82.60319	51.13486	.4404837	.1893376

#1	.0326943	-.002257	.1115274	-.013376	-.001025	81.91322	1.233122
#2	.0279558	-.004638	.1091304	-.003359	-.003080	81.90345	1.229603
#3	.0198929	-.003020	.1084752	-.003811	-.003343	81.28507	1.228717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070591	.0039435	32.64591	.2453167	.0723413	.0942038	208.7677
Stddev	.0001457	.0002478	.04916	.0012933	.0006365	.0023885	1.4822
%RSD	2.064260	6.284939	.1505819	.5271847	.8797965	2.535496	.7099706

#1	.0069623	.0036574	32.68156	.2441534	.0730716	.0943194	209.3996
#2	.0072267	.0040827	32.66634	.2467093	.0719048	.0965324	209.8292
#3	.0069883	.0040905	32.58983	.2450875	.0720476	.0917595	207.0742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.479575	44.49354	.0667584	.0013844	2.149985	.3944564	.4516605
Stddev	.008878	.14799	.0003039	.0005108	.129343	.0016479	.0014800
%RSD	.2551402	.3326077	.4551976	36.89703	6.015981	.4177639	.3276715

#1	3.488316	44.62182	.0670832	.0019741	2.113268	.3940323	.4514074
#2	3.470567	44.33163	.0664809	.0010988	2.042970	.3930620	.4532507
#3	3.479842	44.52718	.0667112	.0010803	2.293716	.3962749	.4503234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.88140	6.983730	.0349658	.0092831	.1002535	14.50713	-.012932
Stddev	.02821	.029562	.0023665	.0006046	.0086379	.08563	.002265
%RSD	.1133941	.4232920	6.768013	6.512674	8.616012	.5902476	17.51395

#1	24.90169	7.015843	.0322738	.0097328	.0902853	14.57312	-.010438
#2	24.84918	6.957650	.0367183	.0085958	.1049403	14.53789	-.014860
#3	24.89334	6.977696	.0359053	.0095206	.1055350	14.41037	-.013499

Sample Name: M4197-05 Acquired: 10/22/2021 17:43:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.350742	.1559185	.0867910
Stddev	.066139	.0001834	.0010645
%RSD	.7073137	.1176138	1.226465

#1	9.392675	.1560697	.0863974
#2	9.385053	.1557145	.0859794
#3	9.274498	.1559714	.0879962

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.895	40931.10	6325.000	838.0088	1778.819
Stddev	3.471	69.87	7.209	6.9777	4.616
%RSD	.2371188	.1707063	.1139835	.8326558	.2594704

#1	1465.191	40990.73	6319.345	844.4758	1774.223
#2	1466.531	40948.34	6322.536	838.9375	1783.454
#3	1459.962	40854.22	6333.118	830.6133	1778.780

Sample Name: M4197-06 Acquired: 10/22/2021 17:47:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223877	-.000926	.1220510	-.005818	-.004336	87.11636	1.018905
Stddev	.0017063	.005619	.0014605	.002960	.004227	.44764	.001232
%RSD	7.621441	607.0886	1.196607	50.87853	97.47574	.5138398	.1209458

#1	.0204401	.004194	.1223559	-.003480	-.008557	87.63213	1.017876
#2	.0231039	-.006937	.1233348	-.004828	-.000103	86.88790	1.018567
#3	.0236192	-.000034	.1204621	-.009146	-.004350	86.82906	1.020271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074085	.0037162	35.15054	.3105568	.0584713	.1188580	207.5476
Stddev	.0000617	.0001777	.07747	.0011198	.0002801	.0028479	2.1760
%RSD	.8324676	4.782529	.2203818	.3605720	.4790251	2.396089	1.048445

#1	.0073654	.0038670	35.15917	.3117334	.0586558	.1203152	209.9412
#2	.0073810	.0035202	35.06912	.3095042	.0586092	.1155763	207.0126
#3	.0074792	.0037614	35.22332	.3104328	.0581490	.1206825	205.6889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.154276	38.56055	.0753219	.0023048	3.180111	.3554493	.4474017
Stddev	.007790	.22213	.0009837	.0002596	.236471	.0050901	.0034016
%RSD	.2469615	.5760517	1.306037	11.26389	7.435924	1.432017	.7602929

#1	3.148107	38.32673	.0762596	.0025638	3.095909	.3600766	.4445303
#2	3.151691	38.58615	.0742978	.0023059	2.997265	.3499971	.4465164
#3	3.163029	38.76876	.0754084	.0020446	3.447158	.3562742	.4511584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.18106	6.483541	.0354734	.0217006	.1164896	17.23919	-.005201
Stddev	.07862	.046514	.0038158	.0007636	.0132866	.14283	.002657
%RSD	.3895680	.7174195	10.75666	3.518602	11.40579	.8285324	51.08669

#1	20.26934	6.473327	.0394544	.0216531	.1011744	17.40395	-.003517
#2	20.15525	6.442984	.0351181	.0209620	.1249312	17.15043	-.003822
#3	20.11859	6.534314	.0318477	.0224869	.1233633	17.16318	-.008263

Sample Name: M4197-06 Acquired: 10/22/2021 17:47:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.273707	.1324152	.1408723
Stddev	.056239	.0008190	.0018534
%RSD	.7731864	.6185268	1.315683

#1	7.335763	.1322163	.1390898
#2	7.259251	.1317139	.1407379
#3	7.226107	.1333153	.1427893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.421	41128.84	6376.988	841.7998	1779.536
Stddev	4.428	81.93	47.665	3.2015	7.042
%RSD	.3015566	.1992046	.7474561	.3803174	.3957228

#1	1464.291	41217.74	6322.034	845.1994	1773.368
#2	1473.097	41056.37	6401.810	838.8423	1787.208
#3	1467.874	41112.40	6407.119	841.3578	1778.031

Sample Name: M4197-07 Acquired: 10/22/2021 17:51:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262503	-.001635	.1020671	-.006546	-.002429	66.57624	.7690436
Stddev	.0091550	.004320	.0022738	.009194	.003163	.03583	.0005747
%RSD	34.87592	264.1670	2.227755	140.4656	130.1789	.0538177	.0747265

#1	.0363098	-.004505	.1016365	.004069	.000515	66.61760	.7696481
#2	.0184063	-.003734	.1045254	-.012040	-.005772	66.55648	.7685042
#3	.0240348	.003333	.1000393	-.011666	-.002031	66.55464	.7689786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072692	.0049964	29.68977	.1657549	.0599894	.0764557	178.5742
Stddev	.0000516	.0002659	.07307	.0009288	.0003451	.0004876	.2404
%RSD	.7099164	5.322574	.2461002	.5603705	.5752411	.6376910	.1346223

#1	.0072332	.0053032	29.76277	.1650102	.0601690	.0769009	178.8150
#2	.0073283	.0048555	29.68990	.1667957	.0602077	.0765316	178.3342
#3	.0072461	.0048306	29.61664	.1654589	.0595916	.0759347	178.5736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.630914	33.29634	.0345856	.0000909	1.702438	.3363917	.4485266
Stddev	.007632	.22133	.0001262	.0003287	.072650	.0006262	.0059265
%RSD	.2900861	.6647199	.3648402	361.5892	4.267412	.1861464	1.321321

#1	2.639718	33.50807	.0344531	-.000172	1.762480	.3361673	.4480084
#2	2.626830	33.06652	.0347044	.000460	1.723154	.3359086	.4546951
#3	2.626193	33.31443	.0345992	-.000015	1.621680	.3370991	.4428762

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.02287	5.755797	.0257726	.0011022	.0809767	14.88748	-.003165
Stddev	.05147	.009959	.0023126	.0005421	.0027148	.12288	.000515
%RSD	.3212342	.1730328	8.972992	49.18808	3.352530	.8253884	16.28909

#1	16.08230	5.744743	.0242071	.0005372	.0794831	15.02919	-.002648
#2	15.99391	5.758579	.0284289	.0011511	.0793367	14.81056	-.003679
#3	15.99241	5.764070	.0246819	.0016182	.0841103	14.82267	-.003167

Sample Name: M4197-07 Acquired: 10/22/2021 17:51:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.906121	.1150473	.0703586
Stddev	.009219	.0009442	.0004816
%RSD	.1560875	.8206664	.6844371

#1	5.900772	.1143659	.0708933
#2	5.916765	.1146509	.0699590
#3	5.900825	.1161250	.0702235

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.329	41619.73	6366.733	855.7582	1789.825
Stddev	1.146	199.49	49.127	2.7631	.840
%RSD	.0773039	.4793099	.7716247	.3228778	.0469258

#1	1483.652	41829.78	6313.851	853.2854	1790.664
#2	1481.662	41596.60	6410.953	858.7406	1788.984
#3	1481.672	41432.82	6375.394	855.2485	1789.827

Sample Name: M4197-08 Acquired: 10/22/2021 17:55:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196902	-.003325	.1137262	-.000524	-.002112	86.68410	1.092678
Stddev	.0033892	.002073	.0025270	.008394	.001270	.15855	.005773
%RSD	17.21245	62.35536	2.221989	1600.555	60.14951	.1829039	.5283629

#1	.0208209	-.005717	.1153325	.009042	-.003560	86.86185	1.087412
#2	.0223696	-.002207	.1108134	-.003954	-.001183	86.55725	1.091770
#3	.0158803	-.002050	.1150327	-.006661	-.001593	86.63320	1.098851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070918	.0023783	35.46523	.1532018	.0578153	.0858621	188.6283
Stddev	.0000879	.0001552	.21710	.0005597	.0003897	.0021552	1.5384
%RSD	1.240196	6.523802	.6121417	.3653524	.6739815	2.510112	.8155962

#1	.0071798	.0023426	35.22151	.1525621	.0574082	.0849623	190.3981
#2	.0070040	.0022441	35.53627	.1534416	.0581848	.0843026	187.6096
#3	.0070917	.0025482	35.63791	.1536017	.0578528	.0883214	187.8773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.093542	37.20229	.0432724	.0019287	1.655094	.3753683	.4902830
Stddev	.025345	.25471	.0004809	.0001797	.266889	.0042071	.0091510
%RSD	.8192835	.6846665	1.111233	9.317205	16.12528	1.120792	1.866465

#1	3.064347	36.90988	.0427297	.0021117	1.598380	.3770905	.4987410
#2	3.109902	37.37586	.0436455	.0017525	1.945781	.3705734	.4805689
#3	3.106376	37.32115	.0434420	.0019219	1.421120	.3784411	.4915392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.85287	7.166156	.0295543	.0048211	.2788387	16.08851	-.014219
Stddev	.05544	.015016	.0038752	.0005666	.0110018	.13624	.001515
%RSD	.2792634	.2095379	13.11226	11.75286	3.945565	.8468108	10.65807

#1	19.90160	7.150370	.0328879	.0047025	.2698396	16.10433	-.012469
#2	19.86447	7.167837	.0253024	.0054377	.2755730	16.21614	-.015080
#3	19.79255	7.180260	.0304726	.0043232	.2911036	15.94505	-.015108

Sample Name: M4197-08 Acquired: 10/22/2021 17:55:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.279466	.1389766	.2220392
Stddev	.022227	.0002962	.0018950
%RSD	.2395241	.2130966	.8534523

#1	9.301116	.1386569	.2199694
#2	9.256704	.1390310	.2236889
#3	9.280577	.1392417	.2224593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.294	40922.30	6263.046	840.8863	1775.282
Stddev	3.500	63.56	37.723	4.2702	2.027
%RSD	.2383911	.1553105	.6023153	.5078178	.1141693

#1	1468.767	40969.70	6266.227	842.7890	1775.437
#2	1464.581	40947.12	6223.833	843.8745	1773.182
#3	1471.534	40850.08	6299.078	835.9956	1777.227

Sample Name: M4197-09 Acquired: 10/22/2021 17:59:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236389	-.002017	.1237124	-.007673	-.003147	86.75218	1.169035
Stddev	.0018695	.004361	.0018292	.009370	.004077	.14269	.001507
%RSD	7.908611	216.2414	1.478568	122.1152	129.5562	.1644762	.1288670

#1	.0226166	-.001512	.1225157	.002101	.000976	86.82883	1.168702
#2	.0225035	-.006608	.1228034	-.008542	-.003241	86.58755	1.167723
#3	.0257967	.002070	.1258180	-.016578	-.007176	86.84016	1.170680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073518	.0037849	35.67168	.2250672	.0667191	.0947750	207.9014
Stddev	.0001641	.0001396	.07356	.0011871	.0010608	.0001160	.3101
%RSD	2.232099	3.688274	.2062278	.5274277	1.589893	.1224032	.1491555

#1	.0071684	.0039461	35.75607	.2241032	.0655870	.0947370	207.9757
#2	.0074846	.0037020	35.63789	.2247053	.0676900	.0949052	208.1677
#3	.0074026	.0037067	35.62107	.2263931	.0668804	.0946827	207.5610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.465855	44.24123	.0601281	.0015395	2.542232	.4090762	.4630616
Stddev	.007290	.06931	.0007633	.0003686	.253829	.0071695	.0057326
%RSD	.2103259	.1566594	1.269461	23.93963	9.984481	1.752599	1.237981

#1	3.464659	44.16615	.0592468	.0011940	2.488771	.4164298	.4693988
#2	3.459237	44.30277	.0605822	.0014971	2.319392	.4086924	.4582368
#3	3.473669	44.25478	.0605551	.0019275	2.818533	.4021063	.4615491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.59265	7.362401	.0319968	.0051869	.3345812	16.86295	-.013149
Stddev	.05411	.011583	.0052556	.0002786	.0103848	.12965	.005429
%RSD	.2506065	.1573244	16.42554	5.371960	3.103822	.7688370	41.29046

#1	21.58099	7.358171	.0373244	.0049136	.3411884	16.71389	-.007131
#2	21.65164	7.353528	.0268161	.0051765	.3226114	16.94947	-.014635
#3	21.54532	7.375505	.0318500	.0054706	.3399438	16.92549	-.017680

Sample Name: M4197-09 Acquired: 10/22/2021 17:59:16 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.851918	.1550090	.1149115
Stddev	.018798	.0009562	.0005077
%RSD	.2123591	.6168330	.4418336

#1	8.868697	.1539465	.1144199
#2	8.831603	.1552804	.1148806
#3	8.855453	.1558001	.1154339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.199	41064.73	6306.847	840.6876	1761.503
Stddev	1.465	89.11	28.010	6.4025	2.882
%RSD	.1000264	.2169940	.4441237	.7615845	.1635961

#1	1462.832	40970.25	6338.033	833.8117	1764.817
#2	1465.745	41076.67	6283.827	841.7733	1760.108
#3	1464.022	41147.26	6298.681	846.4780	1759.584

Sample Name: M4197-10 Acquired: 10/22/2021 18:03:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211771	-.008635	.1380376	-.014004	-.002975	87.46249	1.038015
Stddev	.0034495	.006932	.0053698	.006819	.001419	.05366	.002870
%RSD	16.28892	80.28025	3.890069	48.69292	47.70181	.0613551	.2764486

#1	.0194275	-.006337	.1322538	-.006874	-.003960	87.52290	1.035154
#2	.0251508	-.016424	.1389944	-.020461	-.003617	87.42037	1.040893
#3	.0189530	-.003143	.1428647	-.014676	-.001348	87.44418	1.037999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073491	.0052546	35.54948	.2495630	.0694799	.0986445	209.8370
Stddev	.0001310	.0005855	.01763	.0008373	.0039534	.0015673	.8713
%RSD	1.782518	11.14213	.0495812	.3355165	5.689947	1.588838	.4152093

#1	.0073912	.0045998	35.56746	.2486009	.0650429	.1001131	210.2377
#2	.0072023	.0054366	35.53224	.2501266	.0707690	.0969943	208.8375
#3	.0074540	.0057275	35.54872	.2499617	.0726279	.0988260	210.4359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.061725	40.40202	.0625196	.0021806	3.277598	.3574285	.4863661
Stddev	.024049	.29415	.0027672	.0005276	.211197	.0032392	.0013227
%RSD	.5920812	.7280543	4.426085	24.19624	6.443638	.9062507	.2719498

#1	4.068180	40.50604	.0593543	.0016961	3.170395	.3560744	.4848524
#2	4.081887	40.63003	.0644805	.0021029	3.520896	.3550862	.4869471
#3	4.035107	40.07000	.0637240	.0027427	3.141504	.3611251	.4872988

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.51420	6.731334	.0338341	.0182897	.1997961	17.30995	-.012578
Stddev	.06440	.312851	.0059459	.0012195	.0263722	.13987	.002317
%RSD	.2860346	4.647685	17.57372	6.667768	13.19953	.8080339	18.42010

#1	22.47861	6.391956	.0272125	.0169010	.1717674	17.47028	-.014989
#2	22.47545	6.793820	.0355733	.0187817	.2035011	17.24663	-.010369
#3	22.58853	7.008227	.0387165	.0191863	.2241198	17.21293	-.012376

Sample Name: M4197-10 Acquired: 10/22/2021 18:03:18 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGA9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.387273	.1454431	.1112339
Stddev	.010792	.0011231	.0012682
%RSD	.1286668	.7722170	1.140126

#1	8.399700	.1449504	.1103700
#2	8.380254	.1446506	.1126898
#3	8.381866	.1467284	.1106417

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.799	40752.42	6232.941	837.3263	1614.988
Stddev	46.800	151.42	25.815	5.0915	62.162
%RSD	3.459520	.3715712	.4141747	.6080702	3.849070

#1	1403.476	40864.90	6206.667	842.8762	1682.184
#2	1343.711	40812.12	6233.885	832.8712	1603.245
#3	1311.209	40580.25	6258.272	836.2316	1559.535

Sample Name: M4197-11 Acquired: 10/22/2021 18:07:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449229	-.009845	.1450434	-.010866	-.004809	92.32552	1.088031
Stddev	.0052206	.004885	.0034174	.004623	.001908	.14083	.001789
%RSD	11.62126	49.61716	2.356101	42.54463	39.66515	.1525413	.1644124

#1	.0444040	-.014683	.1452960	-.015601	-.002659	92.26406	1.089321
#2	.0503836	-.004915	.1415067	-.006364	-.006298	92.22586	1.085989
#3	.0399811	-.009937	.1483274	-.010633	-.005471	92.48664	1.088783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077876	.0050877	37.48067	.2594625	.0614730	.1038609	217.2666
Stddev	.0000626	.0001282	.14159	.0002756	.0009266	.0011400	.4606
%RSD	.8032019	2.518925	.3777579	.1062151	1.507357	1.097591	.2119829

#1	.0077231	.0050970	37.63199	.2591811	.0605558	.1042762	216.8968
#2	.0078480	.0052109	37.35140	.2597319	.0624087	.1047349	217.1204
#3	.0077917	.0049551	37.45862	.2594744	.0614545	.1025715	217.7825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.447437	41.98234	.0583781	-.002032	3.465489	.3809987	.5079321
Stddev	.012909	.08817	.0006527	.000633	.032424	.0025701	.0026353
%RSD	.3744596	.2100277	1.118106	31.17063	.9356359	.6745790	.5188310

#1	3.462117	42.06098	.0590281	-.001367	3.494547	.3836557	.5106015
#2	3.437856	41.88702	.0577227	-.002629	3.430514	.3785252	.5078626
#3	3.442339	41.99903	.0583836	-.002101	3.471407	.3808151	.5053323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.93305	6.277319	.0372244	.0169639	.1864969	17.64023	-.009521
Stddev	.06546	.003773	.0089334	.0002428	.0101073	.11425	.002757
%RSD	.2625234	.0600989	23.99864	1.431213	5.419561	.6476755	28.95831

#1	24.87088	6.276825	.0277134	.0167083	.1750734	17.76939	-.012400
#2	24.92692	6.281315	.0385216	.0171914	.1901383	17.55237	-.006905
#3	25.00136	6.273818	.0454383	.0169921	.1942789	17.59894	-.009257

Sample Name: M4197-11 Acquired: 10/22/2021 18:07:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.274725	.1525205	.0859151
Stddev	.010731	.0013460	.0006219
%RSD	.1156977	.8825129	.7238219

#1	9.285193	.1539370	.0864514
#2	9.263750	.1512583	.0860606
#3	9.275231	.1523661	.0852334

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.565	41692.59	6390.446	854.4016	1759.732
Stddev	4.864	88.33	31.883	.7460	4.592
%RSD	.3273880	.2118587	.4989168	.0873172	.2609275

#1	1491.138	41626.28	6353.786	855.1019	1764.610
#2	1483.382	41658.64	6411.702	853.6170	1759.092
#3	1482.176	41792.86	6405.851	854.4858	1755.494

Sample Name: M4197-12 Acquired: 10/22/2021 18:11:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0384219	-.003121	.4768863	-.012671	-.003158	92.21890	1.184360
Stddev	.0061118	.002229	.0165427	.003760	.002782	.84684	.016099
%RSD	15.90700	71.42973	3.468906	29.67693	88.11610	.9182950	1.359340

#1	.0445420	-.000677	.4594803	-.015054	-.006125	92.34685	1.189502
#2	.0323185	-.003642	.4787748	-.014623	-.000607	91.31537	1.166318
#3	.0384052	-.005042	.4924037	-.008336	-.002741	92.99449	1.197261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074373	.0091734	49.82408	.1699854	.0779233	.1407205	224.0644
Stddev	.0002008	.0007107	.66238	.0008289	.0026297	.0010851	1.3837
%RSD	2.699232	7.747231	1.329438	.4876102	3.374774	.7710968	.6175614

#1	.0072822	.0083531	49.85749	.1706148	.0750500	.1395678	223.6983
#2	.0073656	.0095657	49.14563	.1702952	.0785091	.1417222	222.9005
#3	.0076641	.0096015	50.46913	.1690463	.0802107	.1408713	225.5943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.590053	35.63026	.1434201	.0029831	2.079313	.3392363	.8295384
Stddev	.050963	.39631	.0037522	.0003206	.074732	.0036410	.0057461
%RSD	1.419566	1.112277	2.616253	10.74595	3.594073	1.073277	.6926857

#1	3.600728	35.67034	.1391397	.0027511	2.005901	.3354509	.8350743
#2	3.534598	35.21543	.1449789	.0028492	2.076739	.3395447	.8236030
#3	3.634834	36.00500	.1461417	.0033488	2.155298	.3427132	.8299381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.31189	8.025640	.0369905	.0029108	.8306401	15.97609	.1470847
Stddev	.19980	.286505	.0020616	.0002686	.0400038	.13648	.0027516
%RSD	.8955036	3.569874	5.573351	9.227552	4.816021	.8542773	1.870750

#1	22.37364	7.705018	.0385903	.0026117	.7877861	15.87487	.1439547
#2	22.08851	8.115334	.0346639	.0031315	.8371353	15.92208	.1481771
#3	22.47353	8.256567	.0377174	.0029893	.8669989	16.13130	.1491224

Sample Name: M4197-12 Acquired: 10/22/2021 18:11:22 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGB1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.395118	.1216693	.0641477
Stddev	.061698	.0020089	.0018494
%RSD	.8343050	1.651146	2.882961

#1	7.430408	.1220992	.0650143
#2	7.323876	.1194802	.0620242
#3	7.431068	.1234285	.0654046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.726	42464.64	6545.328	871.3924	1526.944
Stddev	32.795	227.04	66.087	4.2360	42.152
%RSD	2.444252	.5346604	1.009680	.4861196	2.760569

#1	1378.453	42221.08	6553.427	866.5301	1573.713
#2	1331.353	42670.43	6606.992	873.3635	1515.235
#3	1315.371	42502.41	6475.564	874.2838	1491.884

Sample Name: M4197-13 Acquired: 10/22/2021 18:15:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253605	.0005755	.1403188	-.010071	-.004488	87.21340	1.226609
Stddev	.0034047	.0020195	.0050730	.005980	.001122	.40756	.004954
%RSD	13.42544	350.9019	3.615318	59.37723	24.99487	.4673127	.4038753

#1	.0231983	-.000849	.1377157	-.004828	-.005090	87.36701	1.227775
#2	.0292852	-.000311	.1461649	-.016584	-.005179	86.75136	1.221176
#3	.0235979	.002887	.1370759	-.008801	-.003193	87.52183	1.230876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073266	.0035816	35.54607	.2752263	.0641076	.1003933	202.1967
Stddev	.0001039	.0002732	.06350	.0007497	.0014877	.0022408	.8583
%RSD	1.418122	7.628552	.1786452	.2723863	2.320620	2.232011	.4244953

#1	.0072098	.0033265	35.60700	.2759162	.0624379	.1028723	201.8908
#2	.0074087	.0035484	35.48028	.2753342	.0652922	.0997956	201.5332
#3	.0073613	.0038699	35.55092	.2744285	.0645927	.0985119	203.1661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.262316	43.05364	.0663929	.0020741	3.174713	.3861521	.4719759
Stddev	.003439	.20774	.0007209	.0000536	.060959	.0029160	.0064157
%RSD	.1054247	.4825198	1.085826	2.584188	1.920155	.7551397	1.359328

#1	3.260723	42.82906	.0667280	.0021055	3.205953	.3878908	.4779366
#2	3.266263	43.23894	.0655654	.0020122	3.104467	.3877798	.4728052
#3	3.259962	43.09293	.0668852	.0021045	3.213721	.3827856	.4651859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.64180	6.639399	.0359865	.0160422	.1394875	16.61229	-.012495
Stddev	.05174	.034192	.0063893	.0006381	.0052001	.12402	.001136
%RSD	.2099602	.5149795	17.75462	3.977906	3.727970	.7465261	9.091312

#1	24.65830	6.605063	.0350770	.0167711	.1336450	16.49443	-.012061
#2	24.58382	6.639689	.0301008	.0157714	.1436088	16.74166	-.011639
#3	24.68327	6.673444	.0427819	.0155842	.1412086	16.60080	-.013784

Sample Name: M4197-13 Acquired: 10/22/2021 18:15:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.645267	.1493255	.1691417
Stddev	.045136	.0014671	.0008962
%RSD	.5220855	.9824597	.5298260

#1	8.665206	.1503478	.1701137
#2	8.593596	.1476445	.1689629
#3	8.677001	.1499842	.1683483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.875	40960.39	6246.321	841.7573	1772.748
Stddev	4.736	34.28	46.597	3.3867	2.385
%RSD	.3237410	.0836944	.7459934	.4023373	.1345349

#1	1463.521	40931.08	6296.493	842.7341	1772.386
#2	1467.254	40998.09	6238.069	844.5483	1775.293
#3	1457.849	40952.01	6204.401	837.9896	1770.564

Sample Name: M4197-14 Acquired: 10/22/2021 18:19:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022370	.0060082	1.433074	-.029710	.0058029	94.33611	1.276233
Stddev	.004449	.0046637	.014241	.008760	.0029083	.52082	.005420
%RSD	19.88673	77.62179	.9937512	29.48370	50.11919	.5520917	.4246953

#1	-.022800	.0034788	1.417313	-.039822	.0059945	94.90581	1.279658
#2	-.026588	.0113901	1.436889	-.024443	.0028034	94.21809	1.279058
#3	-.017722	.0031557	1.445019	-.024866	.0086106	93.88442	1.269984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108794	.0151885	43.92228	.2256101	.0742534	.5295734	570.9015
Stddev	.0000604	.0000822	.19134	.0012453	.0002510	.0030889	3.3598
%RSD	.5552925	.5414391	.4356275	.5519529	.3379661	.5832812	.5885000

#1	.0108408	.0151726	44.03960	.2246237	.0741506	.5323442	574.5863
#2	.0108483	.0152775	44.02575	.2251973	.0745394	.5262429	570.1103
#3	.0109490	.0151154	43.70148	.2270094	.0740702	.5301330	568.0080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629759	32.30681	.1410329	.0083102	4.318332	.2915395	2.305976
Stddev	.015463	.14361	.0004348	.0005822	.224390	.0018449	.030065
%RSD	.3339908	.4445262	.3082674	7.006358	5.196222	.6328233	1.303774

#1	4.644018	32.15610	.1405839	.0087576	4.142942	.2929201	2.340692
#2	4.631936	32.32224	.1414518	.0076519	4.571193	.2894441	2.288605
#3	4.613323	32.44208	.1410630	.0085212	4.240862	.2922542	2.288633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.09056	8.290756	.1207008	.0120913	1.851588	16.94681	1.049713
Stddev	.03318	.051115	.0132731	.0002201	.005200	.09680	.008122
%RSD	.1738029	.6165298	10.99668	1.820194	.2808480	.5711748	.7737561

#1	19.06686	8.258844	.1343018	.0119377	1.845801	16.84690	1.054996
#2	19.07634	8.263712	.1200185	.0123434	1.853094	17.04015	1.040361
#3	19.12848	8.349712	.1077820	.0119928	1.855869	16.95337	1.053783

Sample Name: M4197-14 Acquired: 10/22/2021 18:19:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.356750	.1100480	-.114353
Stddev	.062718	.0018927	.002783
%RSD	.9866383	1.719869	2.433836

#1	6.424432	.1119905	-.117521
#2	6.345225	.1099440	-.113238
#3	6.300594	.1082094	-.112301

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.903	39974.79	6148.166	813.6588	1750.168
Stddev	4.723	166.91	25.324	2.8325	4.790
%RSD	.3309758	.4175408	.4118938	.3481170	.2737071

#1	1423.170	39832.00	6149.631	810.5416	1752.308
#2	1432.212	40158.29	6122.141	814.3600	1753.516
#3	1425.327	39934.09	6172.725	816.0749	1744.681

Sample Name: M4197-15 Acquired: 10/22/2021 18:23:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021448	-.004962	.6362651	-.009847	.0001793	89.95200	1.100256
Stddev	.0040633	.001268	.0030179	.003645	.0006155	.20506	.000571
%RSD	189.4468	25.54621	.4743121	37.02206	343.3267	.2279662	.0519227

#1	.0004202	-.006048	.6329172	-.013347	.0008772	89.85387	1.100809
#2	-.000772	-.003569	.6387765	-.010122	-.000286	90.18769	1.100292
#3	.006786	-.005269	.6371018	-.006071	-.000053	89.81445	1.099668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083052	.0071895	40.70144	.2372000	.0673251	.2738500	316.0909
Stddev	.0002202	.0003090	.08753	.0008316	.0008535	.0013665	.6138
%RSD	2.651466	4.297565	.2150607	.3506093	1.267779	.4989767	.1941974

#1	.0083986	.0068397	40.67085	.2371773	.0671398	.2722798	315.9877
#2	.0084633	.0074251	40.80016	.2380427	.0682561	.2747699	316.7498
#3	.0080537	.0073038	40.63330	.2363799	.0665795	.2745001	315.5351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.815894	37.44375	.0903907	.0039930	3.569010	.3343707	1.148867
Stddev	.011226	.09227	.0011711	.0000253	.200545	.0043482	.028645
%RSD	.2941973	.2464279	1.295635	.6335496	5.619078	1.300420	2.493355

#1	3.817215	37.45175	.0914236	.0039819	3.615235	.3320366	1.116519
#2	3.826401	37.53176	.0891184	.0039751	3.742407	.3393875	1.159057
#3	3.804066	37.34774	.0906301	.0040219	3.349388	.3316879	1.171024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.72402	7.411408	.0690245	.0106857	.7460524	16.86469	.2916410
Stddev	.13954	.034562	.0132514	.0002667	.0022393	.19286	.0007704
%RSD	.6423396	.4663400	19.19805	2.495573	.3001578	1.143577	.2641670

#1	21.81036	7.387211	.0537315	.0108252	.7468941	17.08130	.2914911
#2	21.79867	7.396021	.0762330	.0108536	.7435142	16.80118	.2924753
#3	21.56303	7.450992	.0771089	.0103782	.7477490	16.71160	.2909565

Sample Name: M4197-15 Acquired: 10/22/2021 18:23:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGD1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.171477	.1265102	.0001730
Stddev	.008654	.0001801	.0007038
%RSD	.1206706	.1423509	406.9408

#1	7.163612	.1266209	.0009516
#2	7.180747	.1263024	-.000418
#3	7.170072	.1266073	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.588	41030.00	6260.084	838.9224	1772.558
Stddev	.297	223.16	35.303	12.4786	.632
%RSD	.0203280	.5439013	.5639424	1.487462	.0356402

#1	1458.769	41286.98	6230.873	853.3287	1772.853
#2	1458.246	40918.06	6250.065	831.9644	1772.989
#3	1458.749	40884.97	6299.314	831.4740	1771.833

Sample Name: M4197-16 Acquired: 10/22/2021 18:27:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139101	.0019821	.1777340	-.010236	-.001064	77.92363	1.035338
Stddev	.0034640	.0077135	.0016553	.008857	.001719	.26793	.001255
%RSD	24.90293	389.1638	.9313154	86.52991	161.6507	.3438404	.1212099

#1	.0105664	.0081974	.1786194	-.001988	-.001847	78.00104	1.034761
#2	.0174830	-.006651	.1787582	-.019598	.000908	78.14434	1.034475
#3	.0136809	.004399	.1758243	-.009124	-.002251	77.62552	1.036778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069904	.0040326	36.86683	.1713143	.0547142	.1208676	202.7867
Stddev	.0000968	.0002863	.03463	.0007507	.0000932	.0020349	.7149
%RSD	1.384332	7.100846	.0939458	.4381878	.1704110	1.683611	.3525619

#1	.0069310	.0042269	36.85533	.1715501	.0547466	.1189209	202.7055
#2	.0069382	.0037038	36.90576	.1719187	.0546091	.1229805	203.5387
#3	.0071021	.0041672	36.83942	.1704740	.0547869	.1207013	202.1158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.094978	35.71259	.0597511	.0022889	2.577638	.3000690	.5658384
Stddev	.009618	.11966	.0001822	.0002733	.179367	.0034660	.0073944
%RSD	.3107463	.3350674	.3049808	11.93856	6.958595	1.155070	1.306798

#1	3.089975	35.65332	.0599206	.0021601	2.372721	.3040254	.5662208
#2	3.106066	35.85032	.0597743	.0026027	2.706161	.2986141	.5582603
#3	3.088894	35.63414	.0595583	.0021038	2.654032	.2975677	.5730342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.31871	5.695358	.0374614	.0049968	.5492835	14.04004	.0808959
Stddev	.05908	.013615	.0043348	.0009936	.0053306	.16043	.0042005
%RSD	.3411426	.2390513	11.57145	19.88561	.9704666	1.142632	5.192485

#1	17.28187	5.682964	.0365285	.0044705	.5444420	14.09409	.0767291
#2	17.38685	5.709931	.0336690	.0061429	.5549959	14.16645	.0851293
#3	17.28740	5.693178	.0421868	.0043770	.5484126	13.85956	.0808292

Sample Name: M4197-16 Acquired: 10/22/2021 18:27:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.468676	.1222543	.1535488
Stddev	.013342	.0004776	.0004417
%RSD	.2062482	.3906678	.2876494

#1	6.468456	.1221495	.1539840
#2	6.482127	.1218378	.1535615
#3	6.455447	.1227756	.1531009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.951	40621.80	6172.859	838.7543	1785.951
Stddev	2.445	147.66	44.539	4.0783	2.909
%RSD	.1681873	.3634901	.7215262	.4862282	.1629102

#1	1454.803	40764.96	6177.607	842.8655	1784.189
#2	1455.856	40630.40	6126.136	838.6876	1789.309
#3	1451.193	40470.03	6214.834	834.7097	1784.355

Sample Name: M4197-17 Acquired: 10/22/2021 18:31:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0407455	.0034836	.3356658	-.000207	.0146147	106.1047	1.040525
Stddev	.0091154	.0021399	.0036409	.006769	.0047749	.2430	.003455
%RSD	22.37162	61.42892	1.084684	3263.845	32.67199	.2290456	.3320372

#1	.0477326	.0051460	.3315359	.006017	.0173959	106.1289	1.037909
#2	.0440694	.0042357	.3384122	-.007414	.0173470	105.8505	1.044441
#3	.0304346	.0010692	.3370491	.000775	.0091012	106.3348	1.039225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073100	.0068888	40.77281	.1807256	.0600506	.3695570	262.8924
Stddev	.0001226	.0000563	.12907	.0013509	.0001380	.0031839	1.3665
%RSD	1.676546	.8167544	.3165671	.7474737	.2297873	.8615365	.5197780

#1	.0074507	.0068915	40.63165	.1791897	.0599362	.3665948	263.6987
#2	.0072523	.0069437	40.80196	.1817291	.0600118	.3691524	261.3147
#3	.0072269	.0068312	40.88481	.1812582	.0602039	.3729239	263.6638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.713935	31.25896	.1083520	.0551913	2.532929	.2926529	1.475658
Stddev	.010807	.30468	.0008581	.0004074	.296569	.0019046	.020815
%RSD	.2909858	.9746994	.7919595	.7382134	11.70854	.6507943	1.410581

#1	3.704532	31.04773	.1093114	.0547302	2.873956	.2919501	1.478013
#2	3.725741	31.60823	.1076578	.0553407	2.389415	.2911996	1.453766
#3	3.711532	31.12092	.1080868	.0555028	2.335418	.2948090	1.495196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.88408	5.191163	.0778214	.0118102	10.73006	15.52841	.1827222
Stddev	.03163	.019583	.0051643	.0003724	.02744	.01908	.0033650
%RSD	.1590871	.3772435	6.636097	3.153587	.2557581	.1228965	1.841588

#1	19.91255	5.191801	.0825360	.0121786	10.72915	15.53061	.1788425
#2	19.88966	5.210419	.0723019	.0118181	10.75795	15.50832	.1848468
#3	19.85003	5.171268	.0786265	.0114338	10.70309	15.54630	.1844772

Sample Name: M4197-17 Acquired: 10/22/2021 18:31:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.210548	.1095213	.1424103
Stddev	.042216	.0017535	.0025645
%RSD	.6797447	1.601040	1.800782

#1	6.210882	.1109369	.1422199
#2	6.168167	.1075598	.1450647
#3	6.252596	.1100673	.1399464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.647	40151.18	6107.782	822.5923	1774.787
Stddev	.182	143.64	17.709	5.2679	3.643
%RSD	.0126947	.3577487	.2899424	.6403968	.2052669

#1	1436.475	40135.89	6088.557	818.0001	1771.280
#2	1436.838	40015.79	6123.428	828.3430	1778.552
#3	1436.628	40301.85	6111.360	821.4338	1774.529

Sample Name: M4197-18 Acquired: 10/22/2021 18:35:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479707	-.004558	7.814984	-.044954	.0479080	133.0188
Stddev	.0032617	.007896	.009482	.005814	.0008626	.7481
%RSD	6.799394	173.2177	.1213314	12.93401	1.800585	.5624322

#1	.0513072	.002739	7.824124	-.039444	.0486261	133.4328
#2	.0447893	-.003474	7.805194	-.044387	.0469511	132.1552
#3	.0478156	-.012941	7.815634	-.051031	.0481468	133.4685

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.366186	.0101173	.0468632	101.8836	.4266870	.0808651
Stddev	.010161	.0003865	.0001380	.5765	.0183107	.0016250
%RSD	.7437546	3.819793	.2944571	.5658072	4.291376	2.009557

#1	1.366610	.0098931	.0469219	102.1758	.4056950	.0796281
#2	1.355819	.0098952	.0467055	101.2196	.4349955	.0802617
#3	1.376128	.0105635	.0469621	102.2556	.4393704	.0827056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.890877	563.1279	5.017595	22.87487	.2200241	.0107789
Stddev	.011712	2.6705	.032525	.06826	.0004288	.0023095
%RSD	.6194042	.4742180	.6482256	.2983973	.1949088	21.42633

#1	1.894607	565.0190	5.014535	22.85777	.2203980	.0134173
#2	1.877754	560.0731	4.986707	22.81678	.2195560	.0097958
#3	1.900269	564.2917	5.051541	22.95005	.2201183	.0091236

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.685126	.2240607	7.359400	17.76546	F 10.97921	.1900984
Stddev	.117296	.0019482	.186263	.17887	.03242	.0097321
%RSD	2.503590	.8694747	2.530959	1.006837	.2952575	5.119514

#1	4.820562	.2250798	7.144609	17.81120	10.94511	.1993374
#2	4.616283	.2218144	7.476426	17.56816	10.98289	.1799386
#3	4.618533	.2252879	7.457164	17.91701	11.00963	.1910194

Sample Name: M4197-18 Acquired: 10/22/2021 18:35:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255765	9.845025	16.01758	.9832348	5.082130	.0811087
Stddev	.0021915	.025432	.09266	.0080633	.019137	.0010253
%RSD	8.568530	.2583261	.5784867	.8200750	.3765617	1.264109

#1	.0230868	9.860563	15.93052	.9866735	5.095524	.0808827
#2	.0272135	9.815675	16.00724	.9740222	5.060212	.0822281
#3	.0264292	9.858836	16.11497	.9890086	5.090655	.0802152

Elem	Sr4077
Units	ppm
Avg	-.016656
Stddev	.002349
%RSD	14.10154

#1	-.018734
#2	-.017127
#3	-.014108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.212	37184.00	5937.608	758.3078	1573.660
Stddev	1.857	1116.97	38.721	19.5558	3.213
%RSD	.1462267	3.003911	.6521299	2.578873	.2042033

#1	1271.196	38459.77	5919.965	780.8701	1574.290
#2	1271.371	36710.25	5982.008	747.8234	1576.512
#3	1268.070	36381.98	5910.851	746.2298	1570.178

Sample Name: M4197-19 Acquired: 10/22/2021 18:39:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688650	-.013382	.1386848	-.006680	-.004966	70.88513	.8782504
Stddev	.0069644	.003201	.0039305	.006631	.003203	.23410	.0030272
%RSD	10.11317	23.91796	2.834161	99.27376	64.50107	.3302458	.3446843

#1	.0685543	-.014643	.1355849	-.005658	-.003526	71.11762	.8770814
#2	.0620611	-.009743	.1373639	-.013763	-.002736	70.64947	.8759820
#3	.0759796	-.015760	.1431057	-.000619	-.008637	70.88830	.8816878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070574	.0046561	42.44353	.1425392	.0512427	.0901889	182.3873
Stddev	.0002063	.0001069	.13859	.0006772	.0005333	.0019889	.7615
%RSD	2.923033	2.295743	.3265184	.4750816	1.040733	2.205211	.4174990

#1	.0068527	.0047758	42.52966	.1418003	.0509869	.0890530	183.1672
#2	.0072652	.0045702	42.28366	.1431302	.0508854	.0924854	181.6457
#3	.0070541	.0046223	42.51725	.1426872	.0518557	.0890283	182.3491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.827639	31.30456	.0533534	-.002787	1.902327	.2982139	1.297708
Stddev	.011182	.09411	.0011058	.000221	.109971	.0016572	.011013
%RSD	.3954575	.3006307	2.072630	7.913123	5.780882	.5557140	.8486681

#1	2.828823	31.29821	.0537751	-.003014	1.914056	.2982503	1.295929
#2	2.815912	31.21378	.0541862	-.002773	2.005963	.2965388	1.309503
#3	2.838182	31.40168	.0520987	-.002574	1.786961	.2998526	1.287693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.41625	5.640015	.0371300	.0028271	4.301168	15.87184	.0092176
Stddev	.03005	.009038	.0014098	.0006535	.021871	.10694	.0021674
%RSD	.1830292	.1602460	3.796911	23.11575	.5084830	.6737510	23.51303

#1	16.39432	5.634049	.0385804	.0035706	4.318680	15.86064	.0090309
#2	16.40394	5.635582	.0357647	.0025669	4.276653	15.77095	.0071497
#3	16.45050	5.650413	.0370451	.0023438	4.308170	15.98394	.0114723

Sample Name: M4197-19 Acquired: 10/22/2021 18:39:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.498847	.1142641	.1198497
Stddev	.015869	.0004888	.0006565
%RSD	.2441770	.4278123	.5477800

#1	6.514440	.1147215	.1191502
#2	6.482716	.1137489	.1199465
#3	6.499387	.1143219	.1204525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.039	40953.43	6170.855	840.7314	1779.879
Stddev	1.354	332.76	31.030	9.8416	2.283
%RSD	.0922436	.8125430	.5028408	1.170600	.1282725

#1	1467.428	40702.04	6135.025	832.7161	1778.232
#2	1467.098	40827.47	6188.683	837.7623	1782.485
#3	1469.591	41330.79	6188.856	851.7156	1778.919

Sample Name: CCV070 Acquired: 10/22/2021 18:43:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.891447	4.906536	24.79518	4.829244	4.872776	413.2016
Stddev	.028469	.011684	.07464	.032032	.024952	.7832
%RSD	.5820206	.2381343	.3010410	.6632860	.5120740	.1895371

#1	4.889936	4.917182	24.70978	4.826119	4.887903	412.4041
#2	4.920642	4.908389	24.82781	4.862724	4.886449	413.2310
#3	4.863764	4.894036	24.84796	4.798889	4.843976	413.9696

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10150	.5214846	2.496307	403.7595	15.34372	2.497511
Stddev	.02224	.0058791	.005676	1.1073	.00622	.009203
%RSD	.2201231	1.127375	.2273936	.2742505	.0405449	.3684793

#1	10.09115	.5181666	2.490440	402.6854	15.33824	2.486915
#2	10.08633	.5282726	2.501771	403.6959	15.35048	2.503498
#3	10.12703	.5180146	2.496711	404.8973	15.34244	2.502121

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14397	414.7748	14.85715	402.8689	2.472501	1.253190
Stddev	.05165	.7399	.08302	1.2508	.003439	.006138
%RSD	.3410405	.1783874	.5587960	.3104775	.1391015	.4898087

#1	15.09703	414.0377	14.80102	401.6588	2.470302	1.253619
#2	15.13558	415.5175	14.81791	402.7912	2.476464	1.246849
#3	15.19930	414.7691	14.95252	404.1568	2.470736	1.259103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.1156	2.542728	14.31269	153.7883	F 19.64993	5.174030
Stddev	.4369	.002764	.16857	.5744	.05842	.064410
%RSD	.1070632	.1086827	1.177799	.3735143	.2973028	1.244869

#1	407.7467	2.545917	14.39662	153.1496	19.58781	5.142963
#2	408.0019	2.541042	14.11863	154.2626	19.70377	5.248085
#3	408.5981	2.541225	14.42282	153.9526	19.65821	5.131042

Sample Name: CCV070 Acquired: 10/22/2021 18:43:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892805	F 33.77589	5.093243	5.035753	5.038292	5.051046
Stddev	.012710	.09729	.063213	.016287	.014118	.012519
%RSD	.2597718	.2880315	1.241110	.3234336	.2802112	.2478423
#1	4.897871	33.66382	5.064173	5.017729	5.024433	5.040248
#2	4.902201	33.82516	5.165761	5.049415	5.037786	5.048122
#3	4.878343	33.83868	5.049794	5.040114	5.052656	5.064768

Elem	Sr4077
Units	ppm
Avg	4.829184
Stddev	.021259
%RSD	.4402091
#1	4.816387
#2	4.817442
#3	4.853724

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1157.809	34325.78	5360.678	663.2288	1455.233
Stddev	4.012	63.41	15.518	6.8576	3.732
%RSD	.3465432	.1847271	.2894829	1.033976	.2564652
#1	1157.862	34297.40	5371.090	658.2759	1459.423
#2	1153.770	34398.43	5342.843	671.0558	1452.265
#3	1161.794	34281.52	5368.102	660.3547	1454.012

Sample Name: CCB070 Acquired: 10/22/2021 18:47:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005259	.0026993	.0019992	.0043495	.0000262	-.000845	.0004358
Stddev	.005242	.0014076	.0010670	.0023658	.0006852	.006512	.0007437
%RSD	99.67573	52.14557	53.37459	54.39156	2615.872	770.5926	170.6357

#1	-.003514	.0040655	.0016315	.0057587	-.000641	-.003296	.0008862
#2	-.011151	.0027786	.0032015	.0056716	-.000008	.006536	.0008439
#3	-.001112	.0012538	.0011646	.0016182	.000728	-.005776	-.000423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001092	-.000008	.0028769	-.000226	.0001678	-.001268	.0174750
Stddev	.0001365	.000169	.0072969	.000609	.0003363	.001112	.0079902
%RSD	125.0515	2198.984	253.6357	269.5982	200.3858	87.68136	45.72385

#1	.0000058	-.000086	-.004427	-.000547	.0005074	-.001340	.0152957
#2	.0000578	-.000123	.010167	-.000607	.0001611	-.002343	.0263287
#3	.0002639	.000186	.002890	.000476	-.000165	-.000122	.0108005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001872	.0029828	-.000107	.0002840	-.007078	-.000751	.0016197
Stddev	.0001175	.0341403	.000437	.0003312	.117310	.000558	.0017386
%RSD	62.79252	1144.564	408.4359	116.5990	1657.373	74.30255	107.3386

#1	.0002071	-.015659	.000236	-.000091	-.141226	-.000359	.0006478
#2	.0000609	.042386	-.000599	.000409	.076273	-.000504	.0036270
#3	.0002934	-.017778	.000042	.000535	.043719	-.001390	.0005845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004184	-.000545	.0097030	.0003767	-.001025	.0008958	.0020696
Stddev	.039646	.001644	.0010910	.0003304	.008502	.0018284	.0012353
%RSD	947.6721	301.6472	11.24351	87.71078	829.6850	204.1169	59.68855

#1	-.043901	.001197	.0102216	.0007556	-.001248	-.000313	.0033172
#2	-.004042	-.000763	.0104379	.0001491	-.009413	.002999	.0008470
#3	.035392	-.002069	.0084495	.0002252	.007587	.000001	.0020447

Sample Name: CCB070 Acquired: 10/22/2021 18:47:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v13) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000137	.0017586	.0000135
Stddev	.001003	.0007344	.0000214
%RSD	730.5587	41.76049	157.9740

#1	-.001252	.0024705	.0000228
#2	.000148	.0010036	-.000011
#3	.000693	.0018017	.000029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.890	37001.21	5584.898	769.2179	1794.492
Stddev	3.329	98.53	14.466	3.3905	4.464
%RSD	.2486019	.2662977	.2590208	.4407674	.2487450

#1	1339.558	37111.95	5576.670	773.1200	1798.464
#2	1335.279	36968.45	5576.422	767.5413	1789.661
#3	1341.834	36923.23	5601.601	766.9924	1795.350