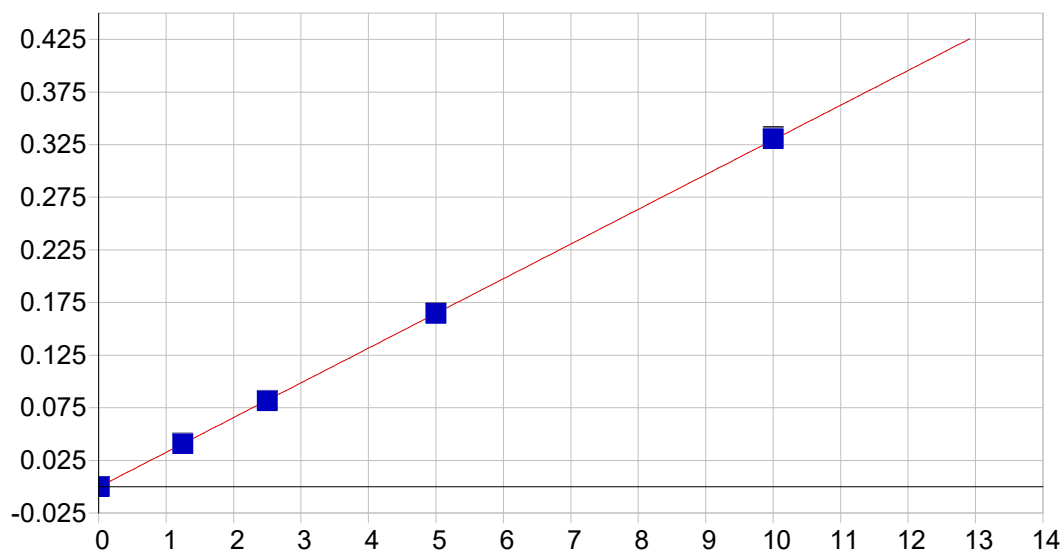


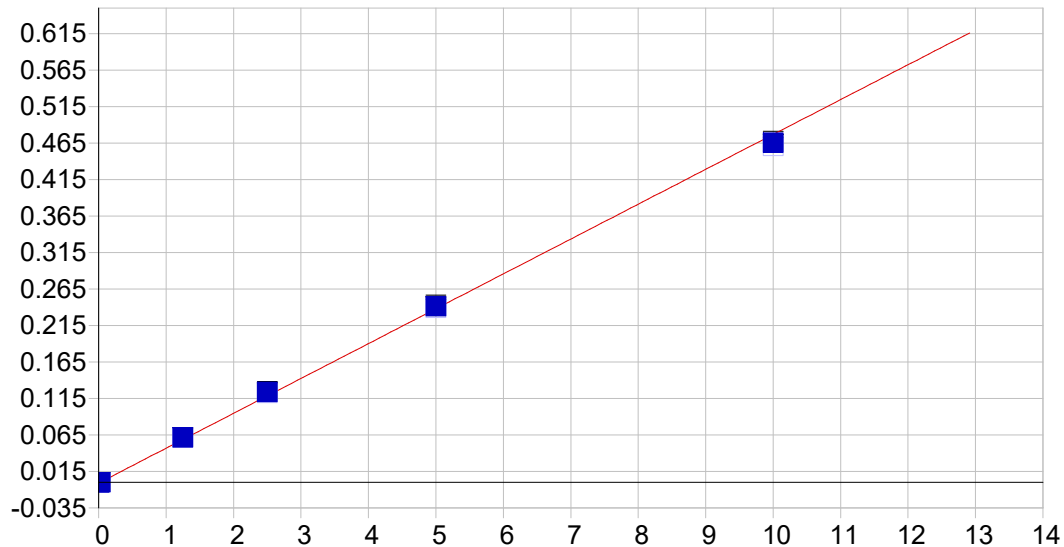


As 189.042 {479}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000345	Re-Slope:	1.000000
A1 (Gain):	0.032987	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000002		
Predicted MDL:	0.006227		
Predicted MQL:	0.020756		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.00973	-.000	-2.74	-.00002	.000	1
S2	1.2500	1.2480	-.002	-.161	.04095	.000	1
S3	2.5000	2.4810	-.019	-.759	.08176	.000	1
S4	5.0000	4.9930	-.007	-.140	.16489	.000	1
S5	10.000	10.028	.028	.283	.33151	.001	1

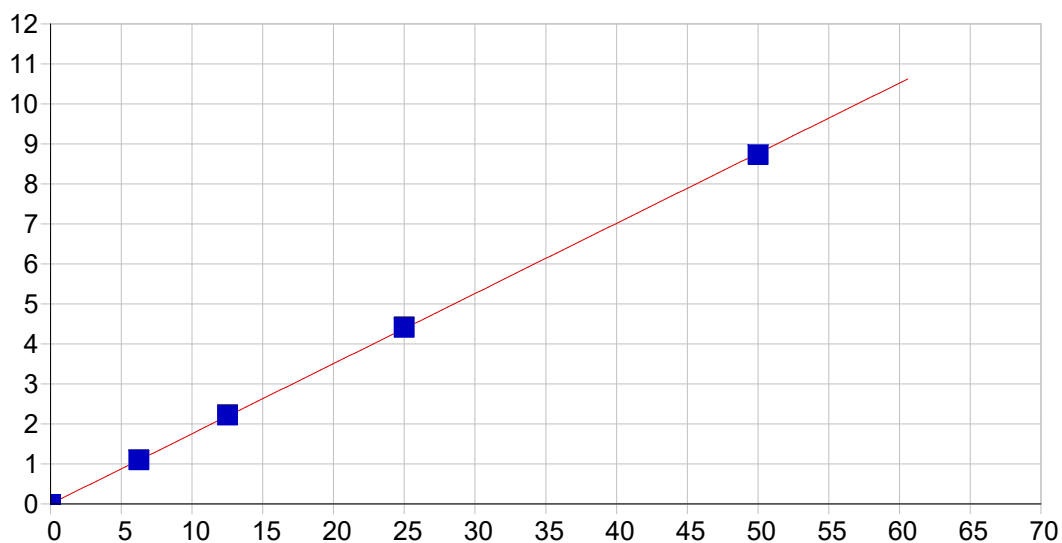


TI 190.856 {477}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000962 Re-Slope: 1.000000
 A1 (Gain): 0.047774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999617 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.004548
 Predicted MQL: 0.015159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00096	.000	1
S1	.02500	.02454	-.000	-1.82	.00016	.000	1
S2	1.2500	1.3073	.057	4.59	.06095	.000	1
S3	2.5000	2.6086	.109	4.34	.12257	.001	1
S4	5.0000	5.0734	.073	1.47	.23924	.002	1
S5	10.000	9.7611	-.239	-2.39	.46101	.002	1

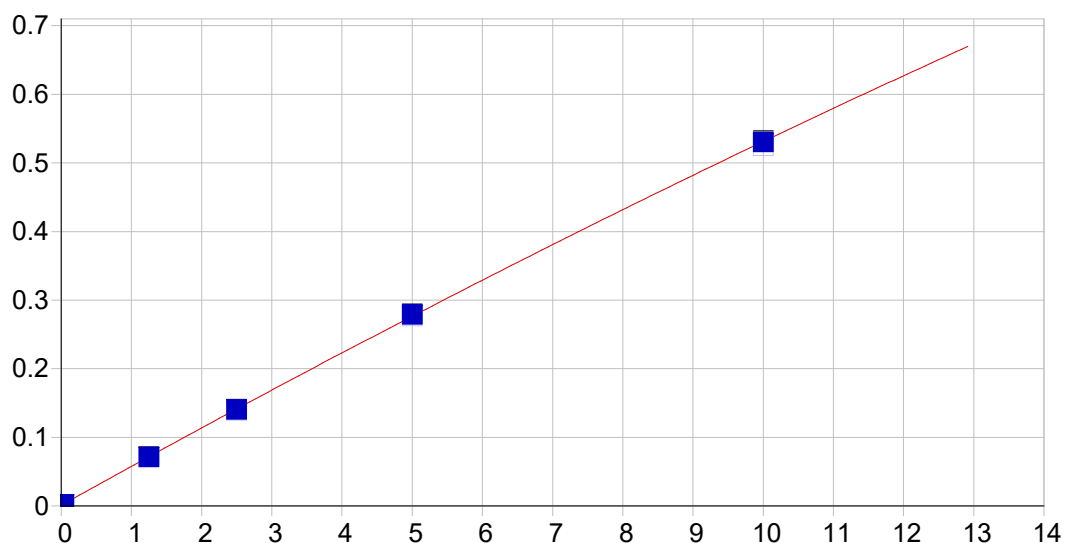


Pb 220.353 {453}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000538	Re-Slope:	1.000000
A1 (Gain):	0.175325	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.002516		
Predicted MQL:	0.008387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00054	.000	1
S1	.01000	.01050	.001	5.01	.00238	.000	1
S2	6.2500	6.2426	-.007	-.119	1.0958	.004	1
S3	12.500	12.620	.120	.963	2.2148	.007	1
S4	25.000	25.122	.122	.489	4.4084	.014	1
S5	50.000	49.764	-.236	-.471	8.7321	.006	1

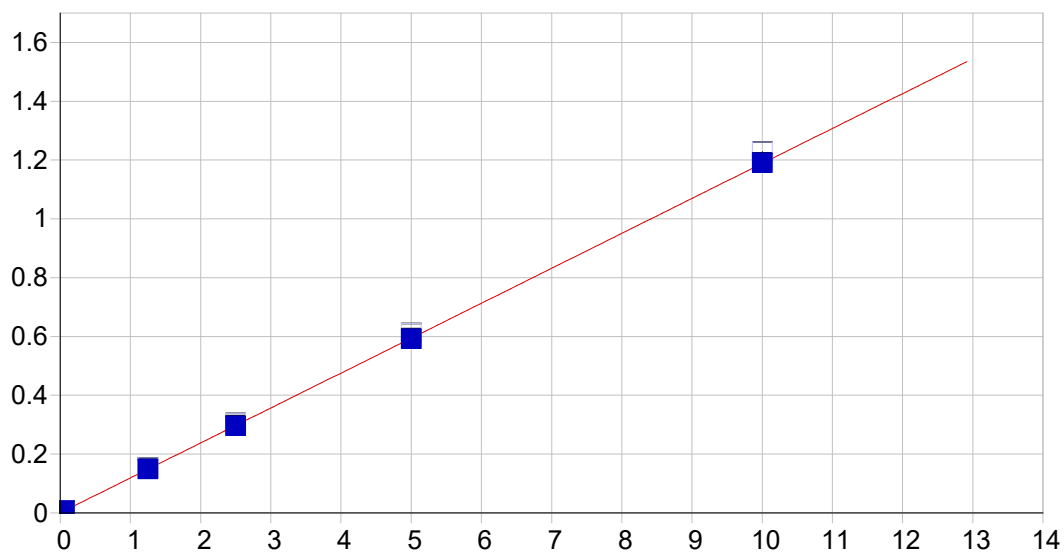


Se 196.090 {472}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000791 Re-Slope: 1.000000
 A1 (Gain): 0.057252 Y-int: 0.000000
 A2 (Curvature): -0.000422
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.004341
 Predicted MQL: 0.014469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.03500	.03255	-.002	-7.00	.00265	.000	1
S2	1.2500	1.2426	-.007	-.592	.07061	.000	1
S3	2.5000	2.4812	-.019	-.752	.13891	.000	1
S4	5.0000	5.0484	.048	.968	.27640	.001	1
S5	10.000	9.9801	-.020	-.199	.52482	.002	1

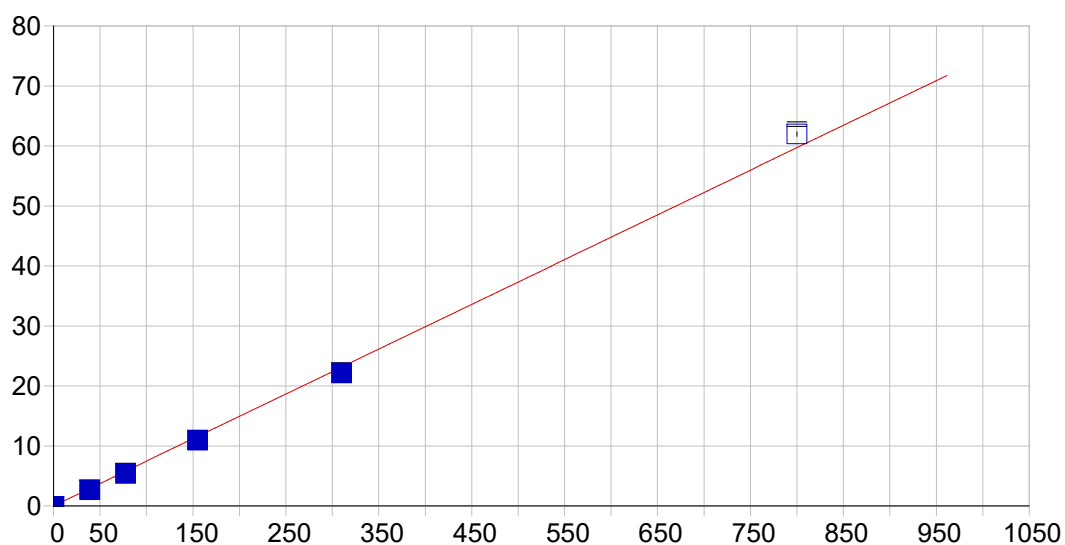


Sb 206.833 {463}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000236	Re-Slope:	1.000000
A1 (Gain):	0.118822	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.002633		
Predicted MQL:	0.008777		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.06000	.06201	.002	3.35	.00760	.000	1
S2	1.2500	1.2543	.004	.341	.15381	.001	1
S3	2.5000	2.4882	-.012	-.471	.30496	.001	1
S4	5.0000	4.9833	-.017	-.335	.61050	.001	1
S5	10.000	10.022	.022	.223	1.2274	.001	1

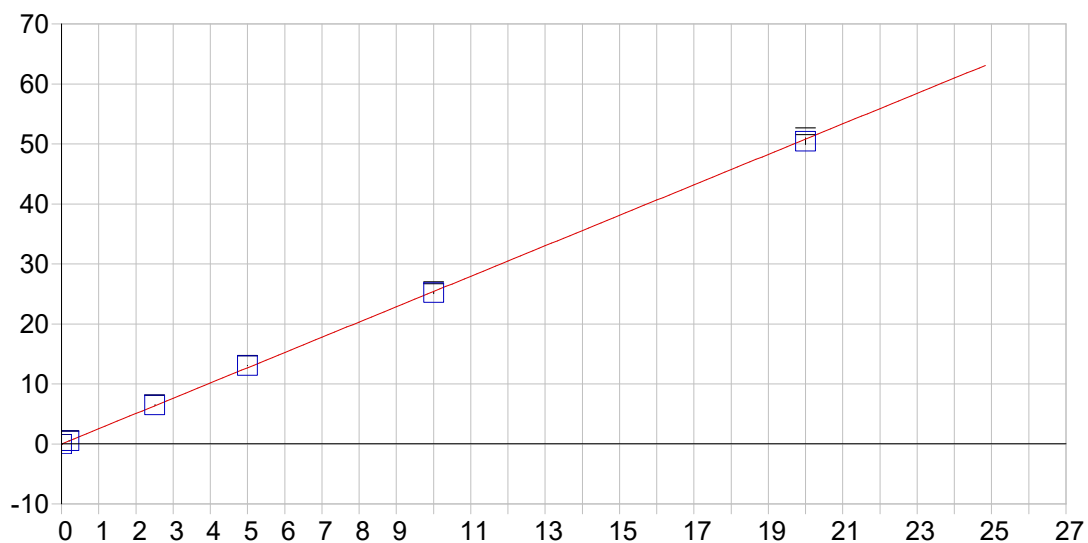


AI 396.152 { 85}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001936	Re-Slope:	1.000000
A1 (Gain):	0.074625	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998998	Status:	OK.
Std Error of Est:	0.002079		
Predicted MDL:	0.008678		
Predicted MQL:	0.028925		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00194	.000	1
S1	.20000	.20024	.000	.118	.01690	.001	1
S2	38.750	36.063	-2.69	-6.93	2.6962	.011	1
S3	77.500	72.411	-5.09	-6.57	5.4116	.021	1
S4	155.00	146.15	-8.85	-5.71	10.921	.036	1
S5	310.00	296.35	-13.6	-4.40	22.142	.109	1
S6	800.00	830.30	30.3	3.79	61.963	.378	1

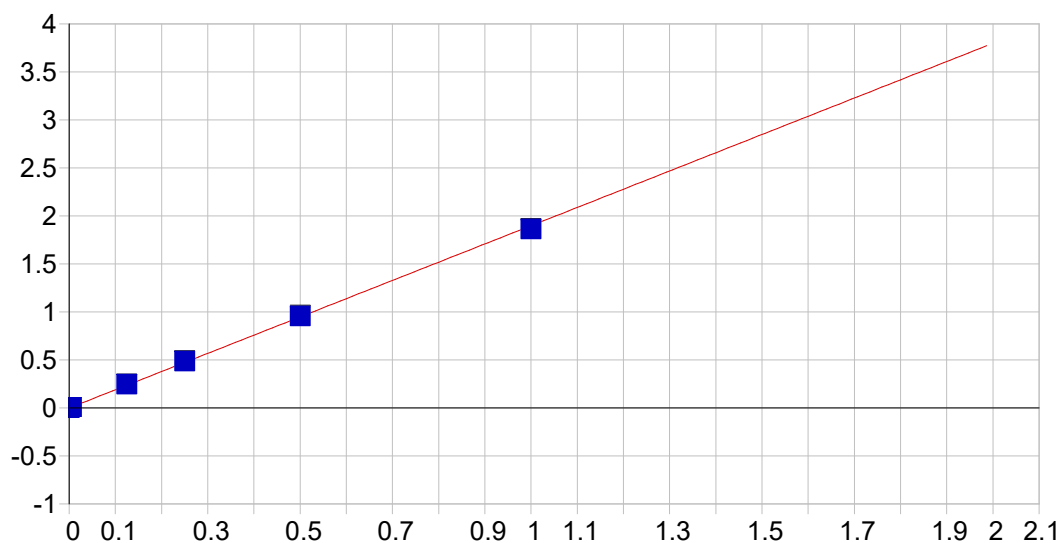


Ba 493.409 { 68}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.012369 Re-Slope: 1.000000
 A1 (Gain): 2.540801 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.003811
 Predicted MDL: 0.000709
 Predicted MQL: 0.002362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01241	.001	1
S1	.20000	.20877	.009	4.39	.51807	.002	1
S2	2.5000	2.5622	.062	2.49	6.4978	.009	1
S3	5.0000	5.1424	.142	2.85	13.053	.035	1
S4	10.000	9.9254	-.075	-.746	25.206	.177	1
S5	20.000	19.861	-.139	-.694	50.451	.549	1

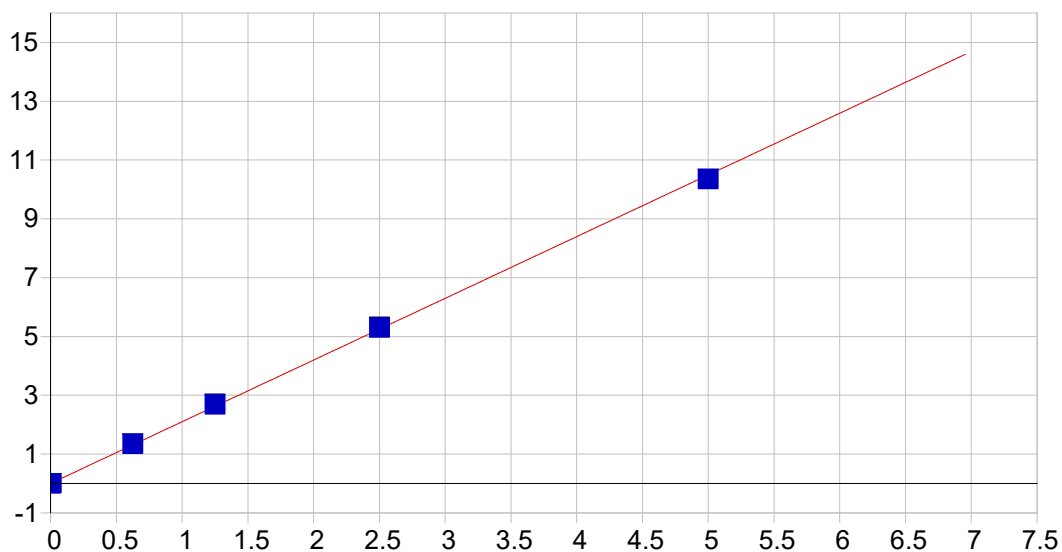


Be 234.861 {144}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001618	Re-Slope:	1.000000
A1 (Gain):	1.899764	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999757	Status:	OK.
Std Error of Est:	0.000157		
Predicted MDL:	0.000116		
Predicted MQL:	0.000388		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00162	.000	1
S1	.00500	.00562	.001	12.3	.00905	.000	1
S2	.12500	.13037	.005	4.30	.24544	.001	1
S3	.25000	.25739	.007	2.96	.48614	.003	1
S4	.50000	.50495	.005	.989	.95521	.008	1
S5	1.0000	.98168	-.018	-1.83	1.8584	.004	1

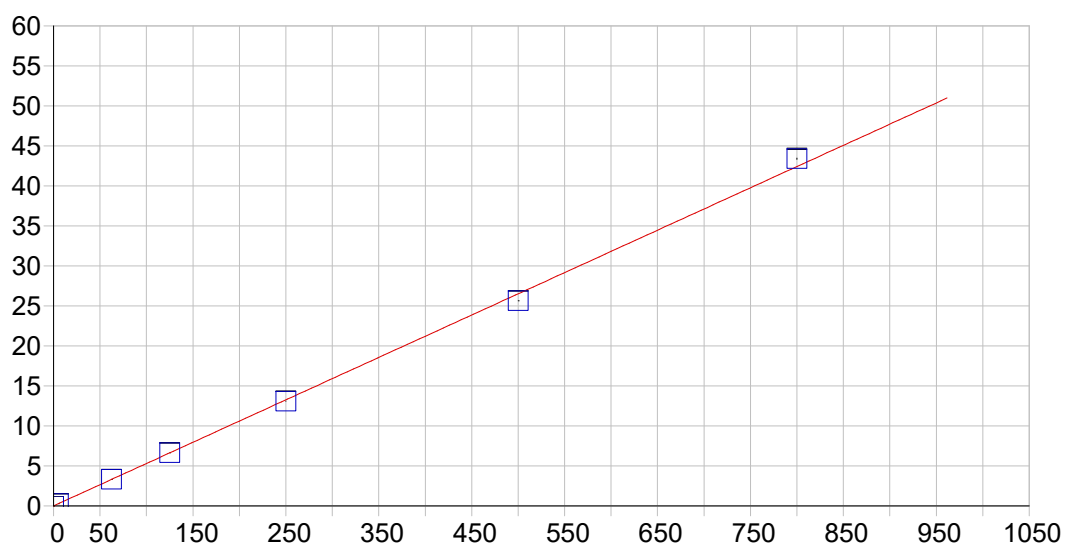


Cd 214.438 {457}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000385 Re-Slope: 1.000000
 A1 (Gain): 2.099667 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000283
 Predicted MDL: 0.000147
 Predicted MQL: 0.000490

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.00500	.00535	.000	6.91	.01085	.000	1
S2	.62500	.64185	.017	2.70	1.3499	.004	1
S3	1.2500	1.2798	.030	2.38	2.6919	.008	1
S4	2.5000	2.5238	.024	.952	5.3091	.016	1
S5	5.0000	4.9292	-.071	-1.42	10.370	.007	1

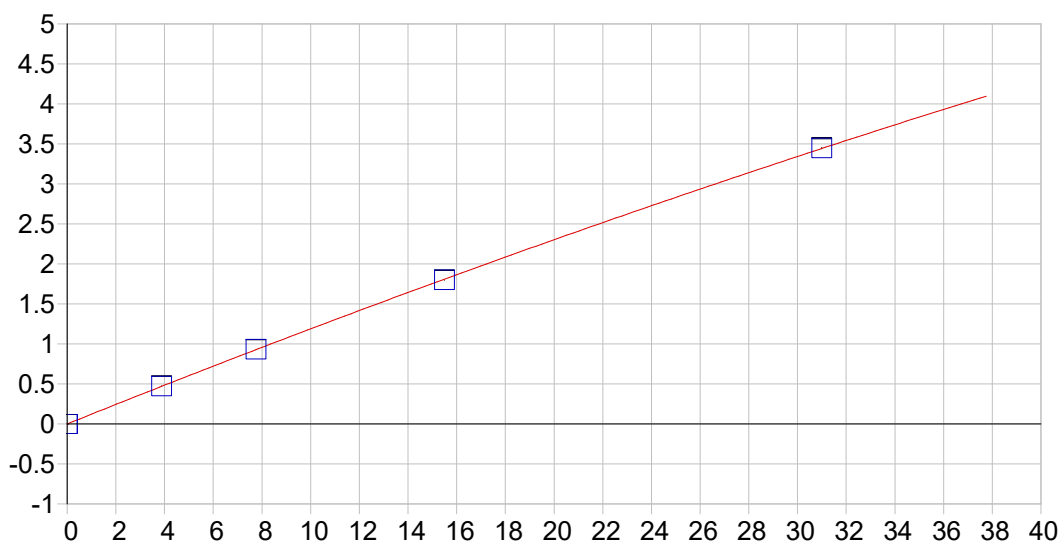


Ca 373.690 { 90}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001390 Re-Slope: 1.000000
 A1 (Gain): 0.053021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700 Status: OK.
 Std Error of Est: 0.004532
 Predicted MDL: 0.011738
 Predicted MQL: 0.039127

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00029	-.000	.000	.00137	.001	1
S1	5.0000	5.3740	.374	7.48	.28632	.000	1
S2	62.500	62.743	.243	.390	3.3281	.006	1
S3	125.00	125.16	.156	.125	6.6373	.015	1
S4	250.00	246.97	-3.03	-1.21	13.096	.022	1
S5	500.00	483.54	-16.5	-3.29	25.639	.016	1
S6	800.00	818.71	18.7	2.34	43.410	.079	1

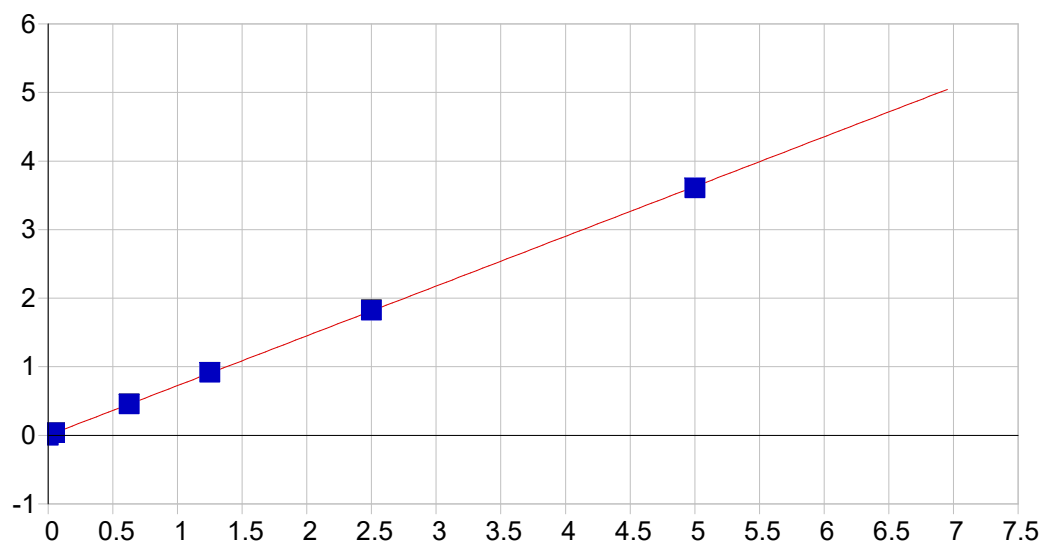


Cr 267.716 {126}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000040	Re-Slope:	1.000000
A1 (Gain):	0.122498	Y-int:	0.000000
A2 (Curvature):	-0.000369		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.000720		
Predicted MQL:	0.002399		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01064	.001	6.39	.00126	.000	1
S2	3.8750	3.9082	.033	.857	.47307	.001	1
S3	7.7500	7.7755	.025	.329	.93013	.001	1
S4	15.500	15.396	-.104	-.672	1.7984	.002	1
S5	31.000	31.046	.046	.147	3.4472	.007	1

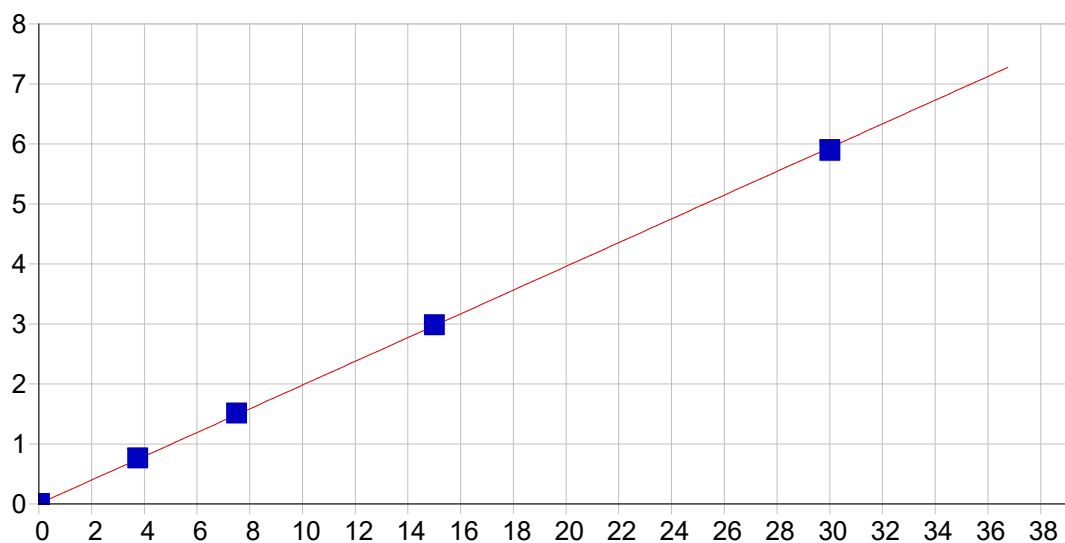


Co 228.616 {448}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.725607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000414
 Predicted MQL: 0.001379

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.05000	.05180	.002	3.61	.03757	.000	1
S2	.62500	.62577	.001	.124	.45460	.001	1
S3	1.2500	1.2624	.012	.990	.91721	.003	1
S4	2.5000	2.5123	.012	.491	1.8255	.005	1
S5	5.0000	4.9728	-.027	-.545	3.6136	.002	1

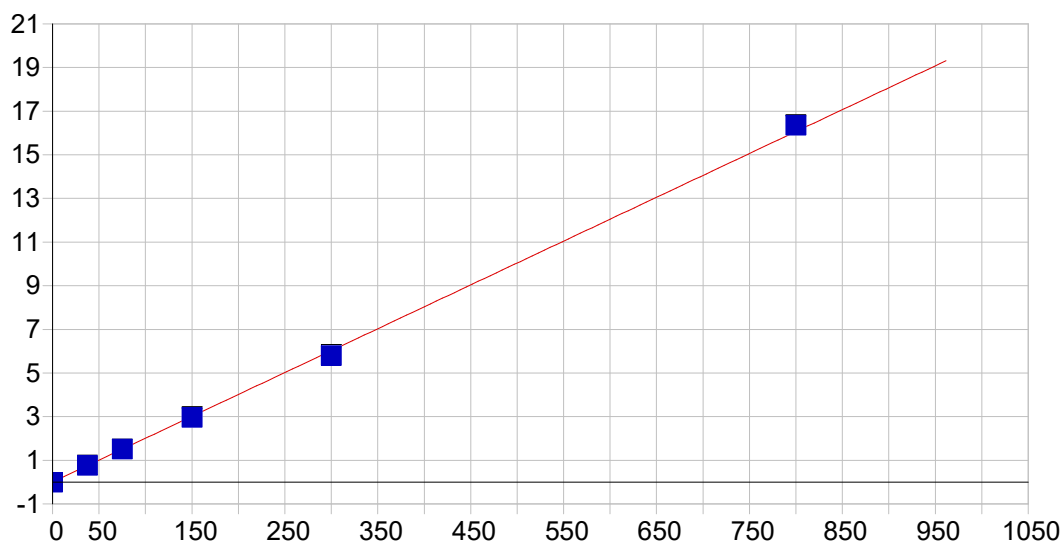


Cu 324.754 {104}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001825 Re-Slope: 1.000000
 A1 (Gain): 0.197861 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.002070
 Predicted MQL: 0.006901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00182	.000	1
S1	.02500	.02809	.003	12.4	.00737	.000	1
S2	3.7500	3.8362	.086	2.30	.75985	.003	1
S3	7.5000	7.6238	.124	1.65	1.5083	.002	1
S4	15.000	15.045	.045	.303	2.9747	.005	1
S5	30.000	29.741	-.259	-.862	5.8785	.020	1

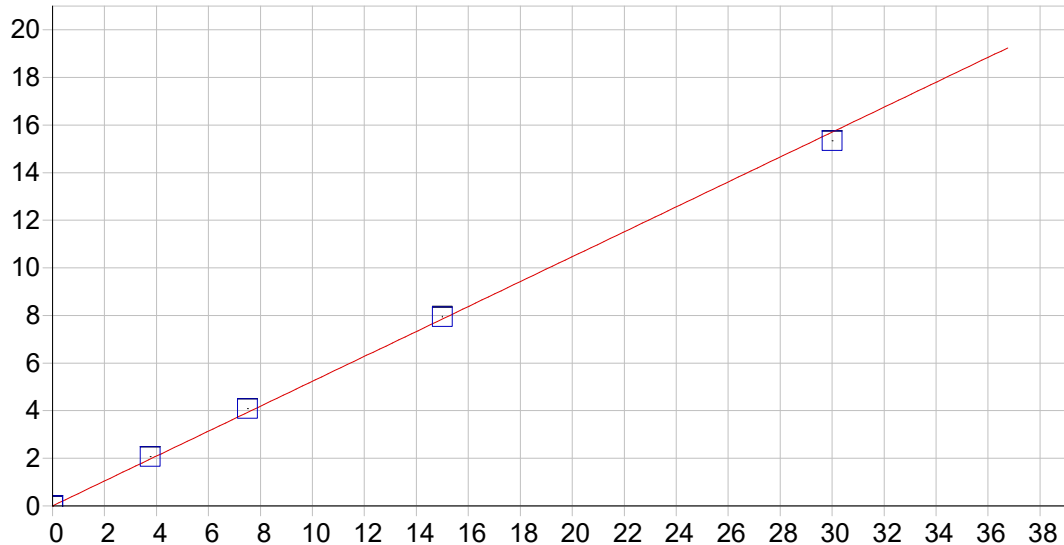


Fe 259.837 {130}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000
A1 (Gain):	0.020082	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999726	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.008749		
Predicted MQL:	0.029163		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.10000	.10598	.006	5.98	.00224	.000	1
S2	37.500	38.161	.661	1.76	.76733	.004	1
S3	75.000	74.745	-.255	-.341	1.5029	.009	1
S4	150.00	147.04	-2.96	-1.97	2.9565	.029	1
S5	300.00	288.60	-11.4	-3.80	5.8029	.050	1
S6	800.00	813.95	14.0	1.74	16.357	.021	1

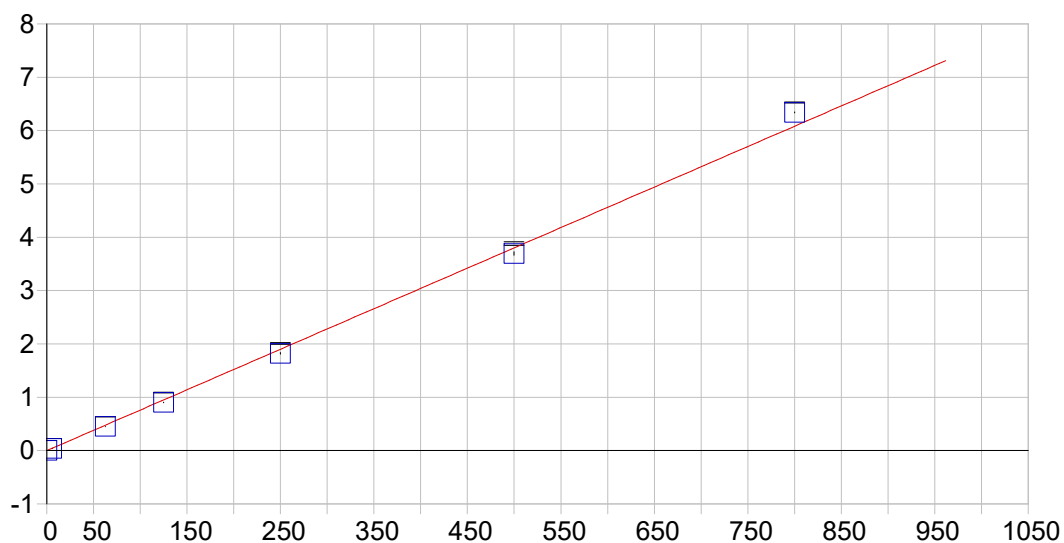


Mn 257.610 {131}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000453 Re-Slope: 1.000000
 A1 (Gain): 0.523464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999637 Status: OK.
 Std Error of Est: 0.000501
 Predicted MDL: 0.000391
 Predicted MQL: 0.001304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.01500	.01625	.001	8.34	.00896	.000	1
S2	3.7500	3.9479	.198	5.28	2.0670	.002	1
S3	7.5000	7.8028	.303	4.04	4.0850	.004	1
S4	15.000	15.185	.185	1.24	7.9495	.020	1
S5	30.000	29.313	-.687	-2.29	15.345	.000	1

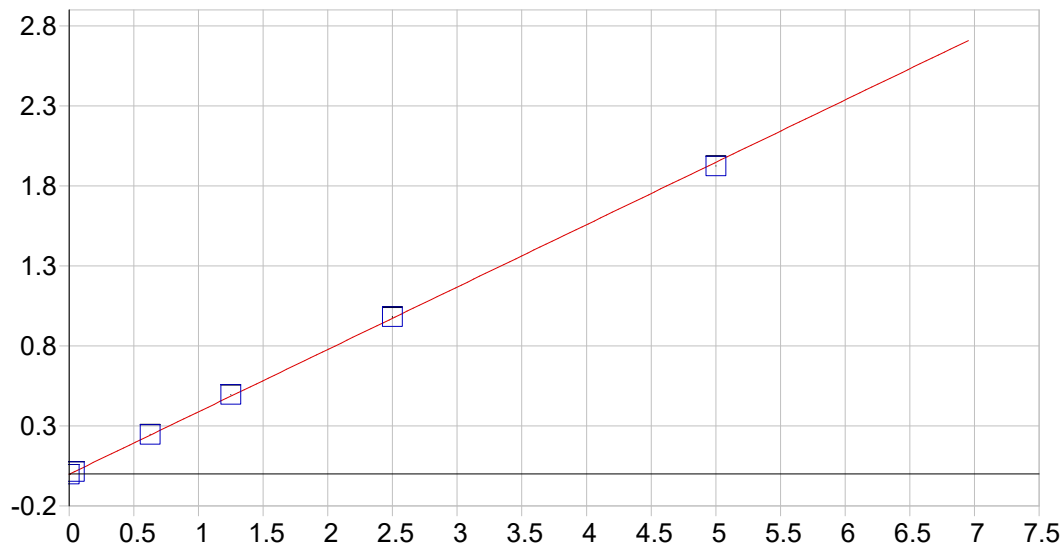


Mg 279.079 {121}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.007602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999211 Status: OK.
 Std Error of Est: 0.001055
 Predicted MDL: 0.027658
 Predicted MQL: 0.092192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00080	.001	.000	-.00032	.000	1
S1	5.0000	4.8403	-.160	-3.19	.03647	.000	1
S2	62.500	59.320	-3.18	-5.09	.45062	.003	1
S3	125.00	118.66	-6.34	-5.07	.90175	.005	1
S4	250.00	239.68	-10.3	-4.13	1.8217	.015	1
S5	500.00	485.99	-14.0	-2.80	3.6941	.033	1
S6	800.00	834.01	34.0	4.25	6.3397	.009	1

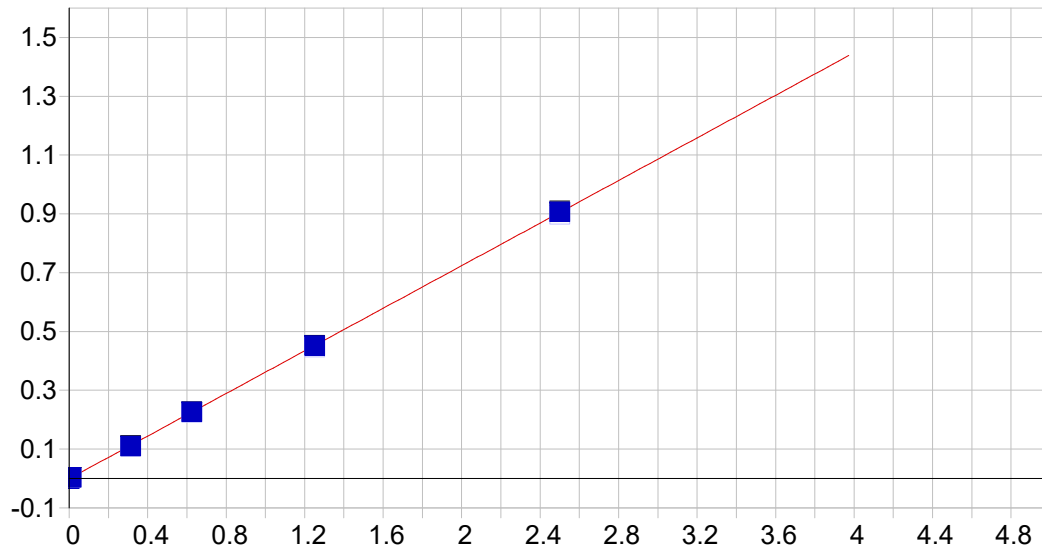


Ni 231.604 {446}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001736 Re-Slope: 1.000000
 A1 (Gain): 0.389834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000778
 Predicted MQL: 0.002593

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00174	.000	1
S1	.04000	.04268	.003	6.69	.01490	.000	1
S2	.62500	.63599	.011	1.76	.24619	.001	1
S3	1.2500	1.2746	.025	1.97	.49514	.002	1
S4	2.5000	2.5212	.021	.849	.98113	.002	1
S5	5.0000	4.9405	-.059	-1.19	1.9242	.001	1

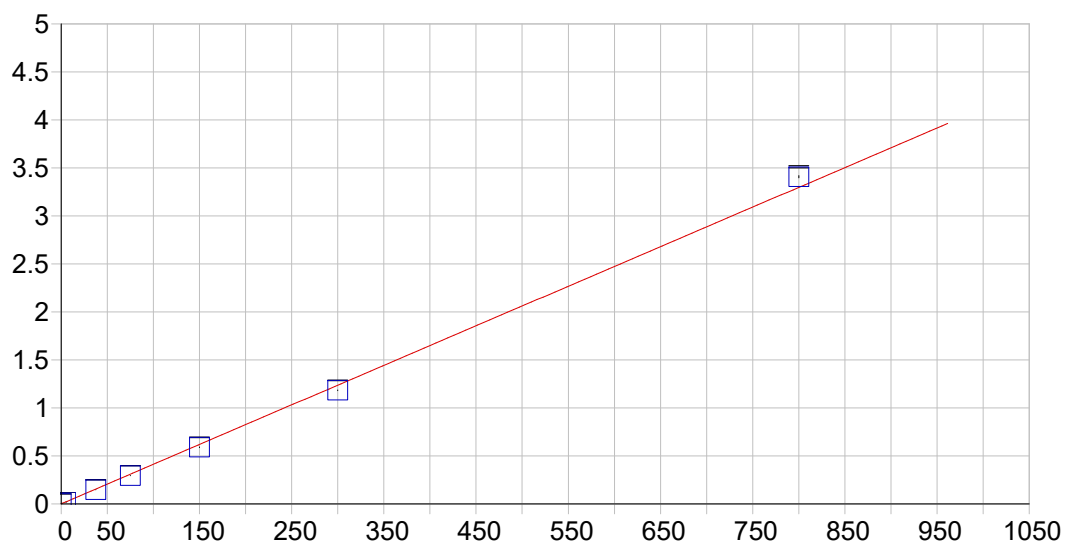


Ag 328.068 {103}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000620	Re-Slope:	1.000000
A1 (Gain):	0.362213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.000468		
Predicted MQL:	0.001559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.01000	.01030	.000	2.96	.00308	.000	1
S2	.31250	.30662	-.006	-1.88	.10924	.000	1
S3	.62500	.62643	.001	.229	.22387	.001	1
S4	1.2500	1.2478	-.002	-.178	.44652	.001	1
S5	2.5000	2.5064	.006	.255	.89759	.002	1

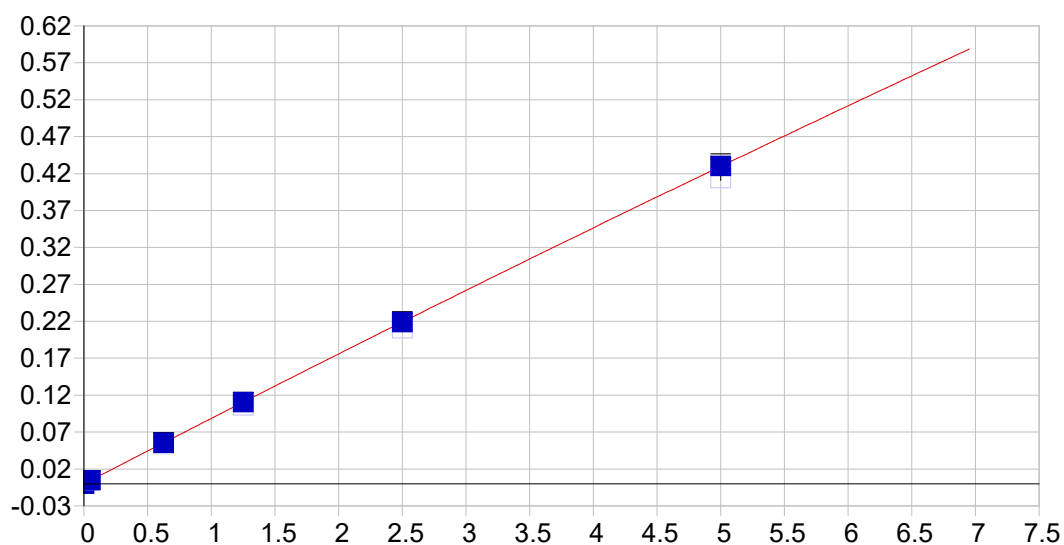


Na 818.326 { 41}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001713	Re-Slope:	1.000000
A1 (Gain):	0.004119	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999194	Status:	OK.
Std Error of Est:	0.000512		
Predicted MDL:	0.266947		
Predicted MQL:	0.889823		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00132	.001	.000	.00172	.000	1
S1	5.0000	4.4915	-.509	-10.2	.02022	.000	1
S2	37.500	35.549	-1.95	-5.20	.14815	.001	1
S3	75.000	71.128	-3.87	-5.16	.29471	.001	1
S4	150.00	142.70	-7.30	-4.86	.58957	.003	1
S5	300.00	286.68	-13.3	-4.44	1.1827	.004	1
S6	800.00	826.95	26.9	3.37	3.4082	.012	1

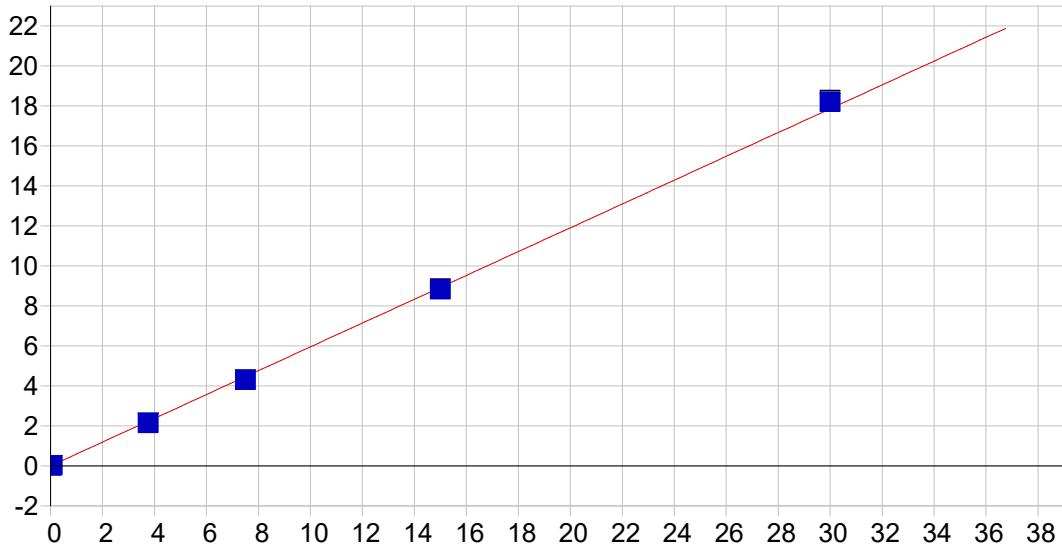


V 292.402 {115}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.089364 Y-int: 0.000000
 A2 (Curvature): -0.000672
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002888
 Predicted MQL: 0.009625

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.05000	.05337	.003	6.73	.00456	.000	1
S2	.62500	.62663	.002	.261	.05348	.000	1
S3	1.2500	1.2469	-.003	-.251	.10608	.000	1
S4	2.5000	2.4947	-.005	-.213	.21034	.001	1
S5	5.0000	5.0033	.003	.067	.41367	.003	1

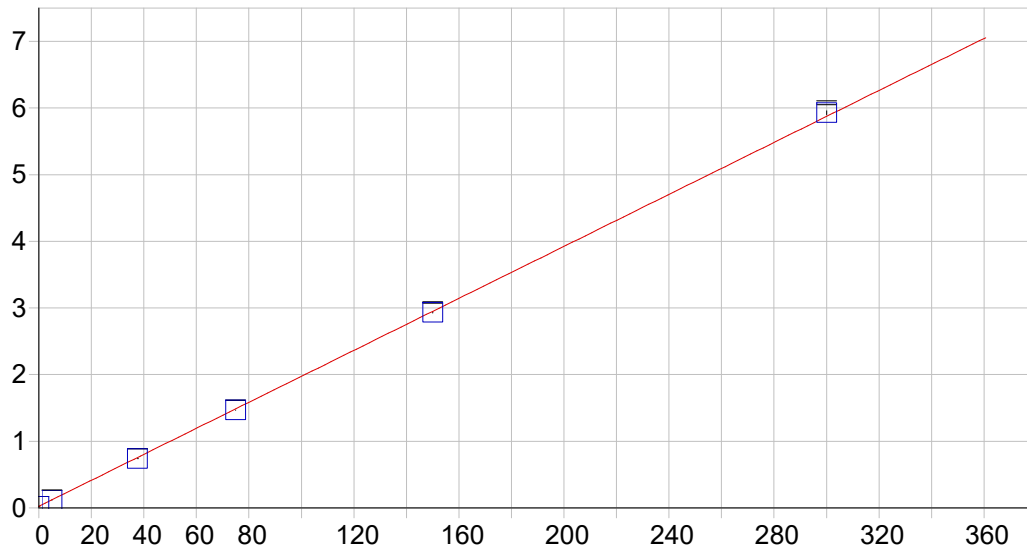


Zn 213.856 {158}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.595475 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.000941
 Predicted MDL: 0.001806
 Predicted MQL: 0.006019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00052	.000	1
S1	.06000	.05833	-.002	-2.78	.03432	.001	1
S2	3.7500	3.6153	-.135	-3.59	2.1540	.011	1
S3	7.5000	7.2259	-.274	-3.66	4.3058	.012	1
S4	15.000	14.835	-.165	-1.10	8.8402	.012	1
S5	30.000	30.576	.576	1.92	18.221	.080	1

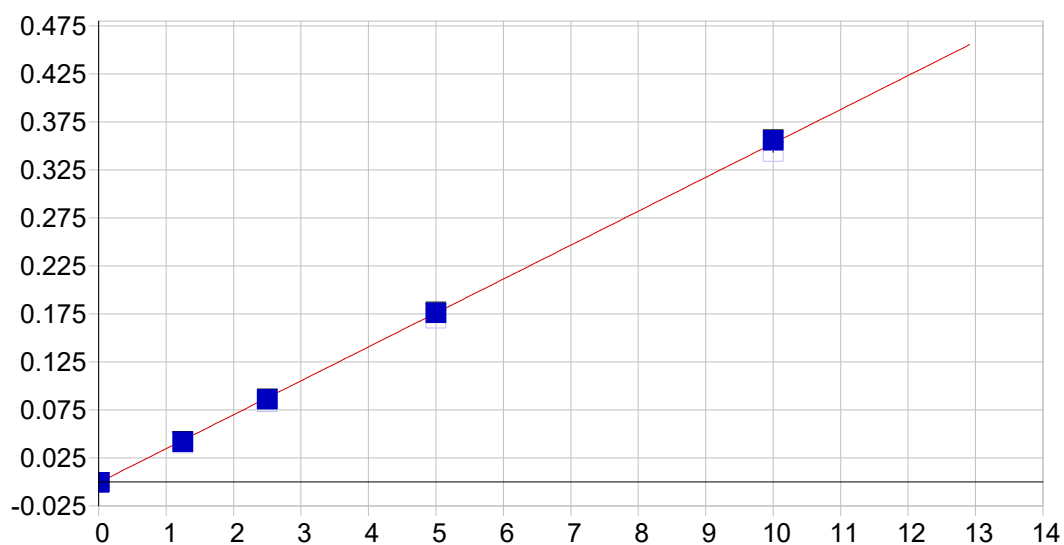


K 769.896 { 44}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.024163	Re-Slope:	1.000000
A1 (Gain):	0.019500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000455		
Predicted MDL:	0.057734		
Predicted MQL:	0.192445		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	.02417	.001	1
S1	5.0000	4.8143	-.186	-3.71	.11804	.001	1
S2	37.500	36.618	-.882	-2.35	.73824	.001	1
S3	75.000	74.005	-.995	-1.33	1.4673	.004	1
S4	150.00	149.19	-.807	-.538	2.9335	.010	1
S5	300.00	302.87	2.87	.957	5.9303	.028	1

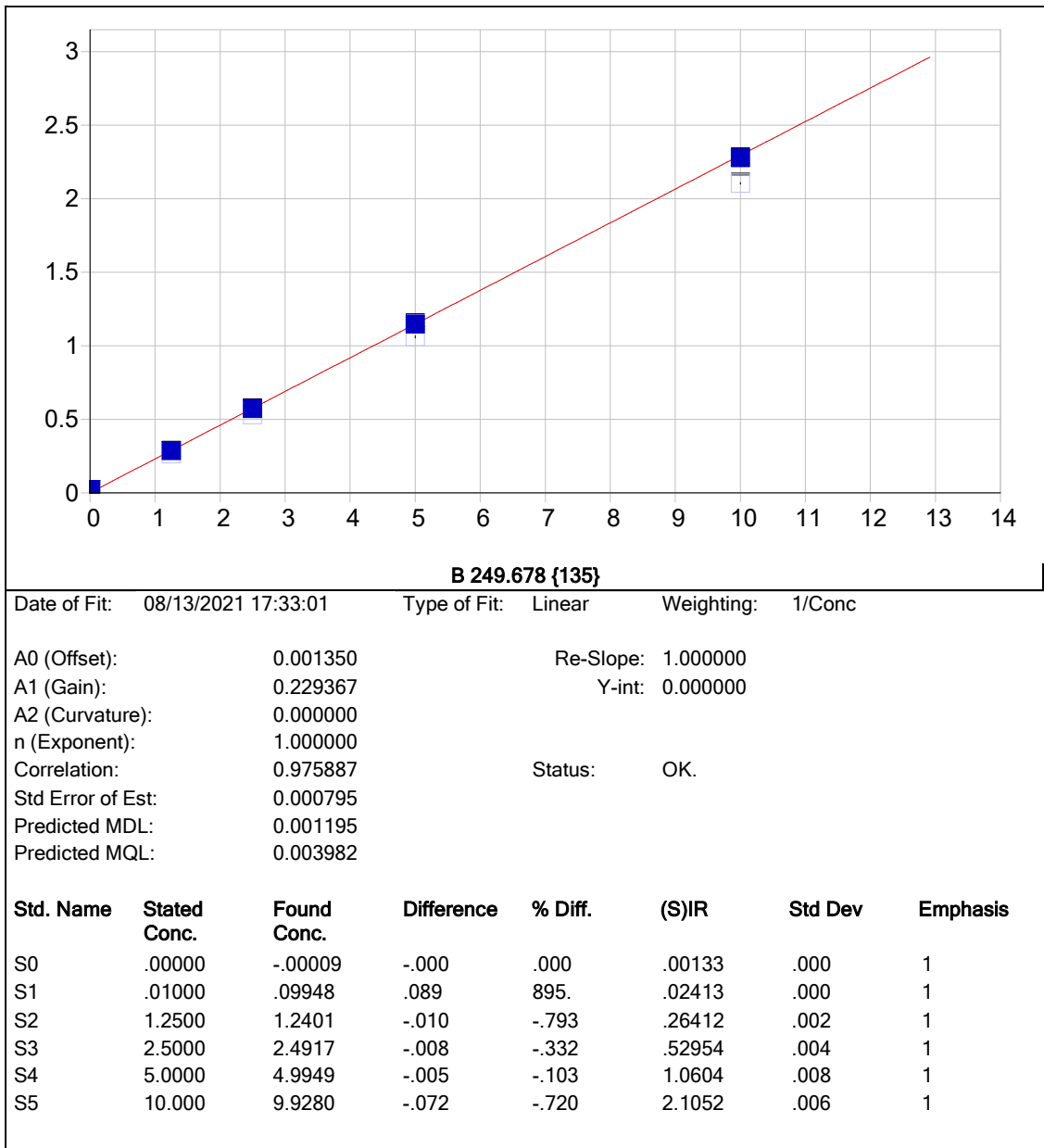


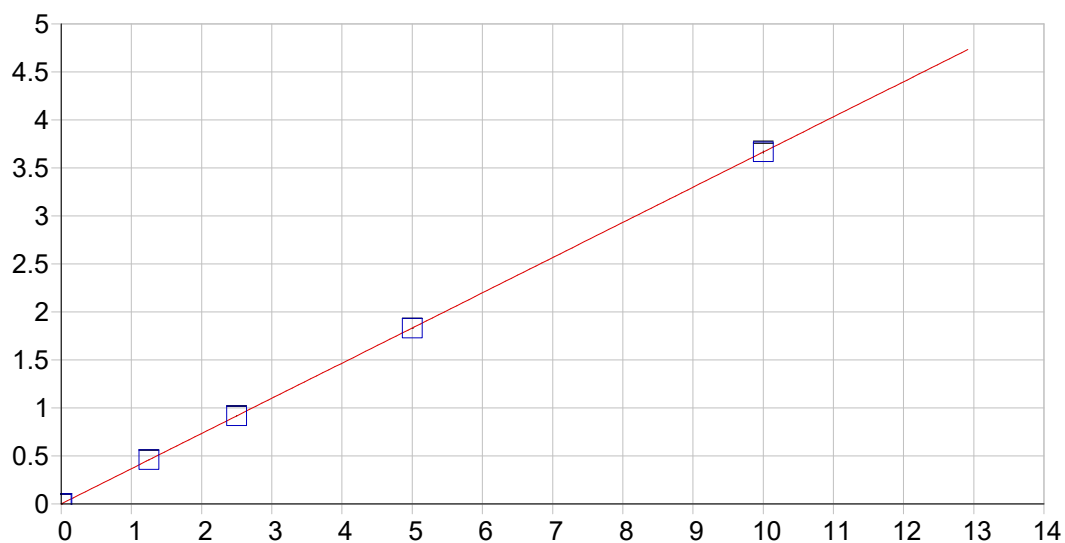
P 177.495 {490}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000729 Re-Slope: 1.000000
 A1 (Gain): 0.035332 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.004804
 Predicted MQL: 0.016012

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00073	.000	1
S1	.01000	.00791	-.002	-20.9	-.00046	.000	1
S2	1.2500	1.2043	-.046	-3.66	.04036	.000	1
S3	2.5000	2.4585	-.042	-1.66	.08321	.000	1
S4	5.0000	5.0034	.003	.068	.17021	.001	1
S5	10.000	10.086	.086	.860	.34395	.001	1



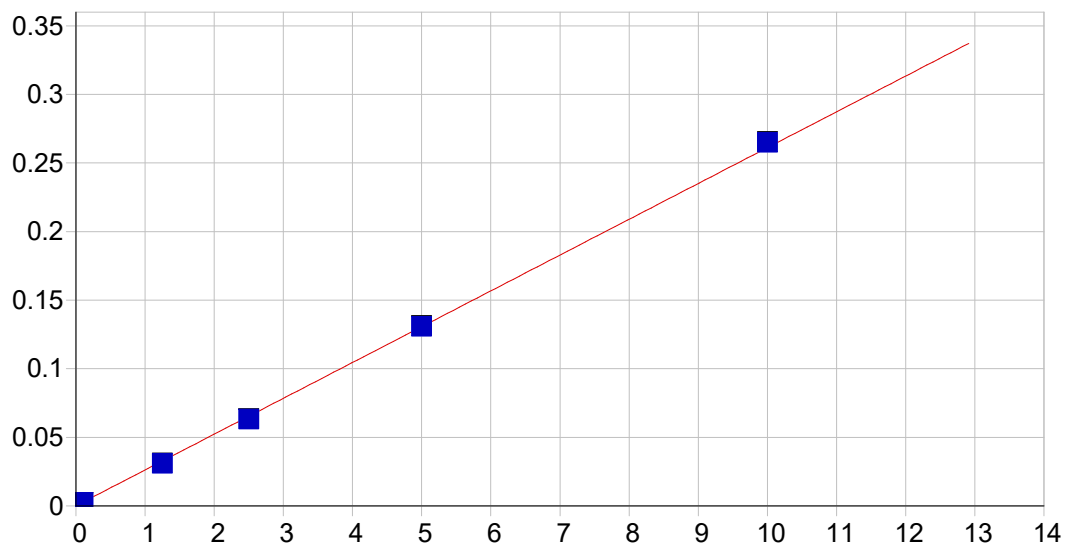


Mo 202.030 {467}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000571 Re-Slope: 1.000000
 A1 (Gain): 0.366430 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.000661
 Predicted MQL: 0.002203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00057	.000	1
S1	.01000	.01123	.001	12.3	.00468	.000	1
S2	1.2500	1.2510	.001	.080	.45898	.001	1
S3	2.5000	2.5032	.003	.127	.91781	.004	1
S4	5.0000	4.9926	-.007	-.147	1.8300	.001	1
S5	10.000	10.002	.002	.020	3.6656	.012	1

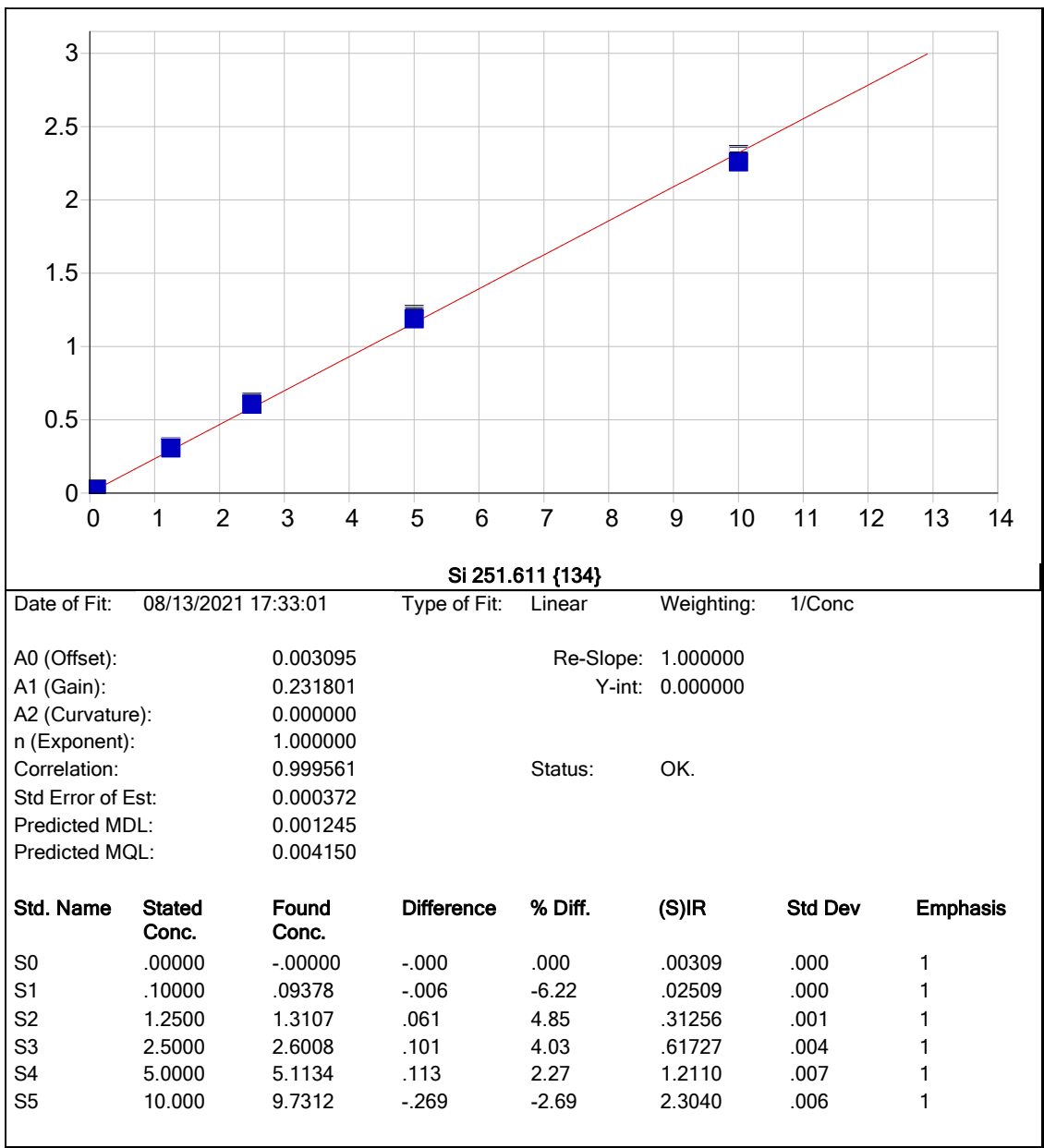


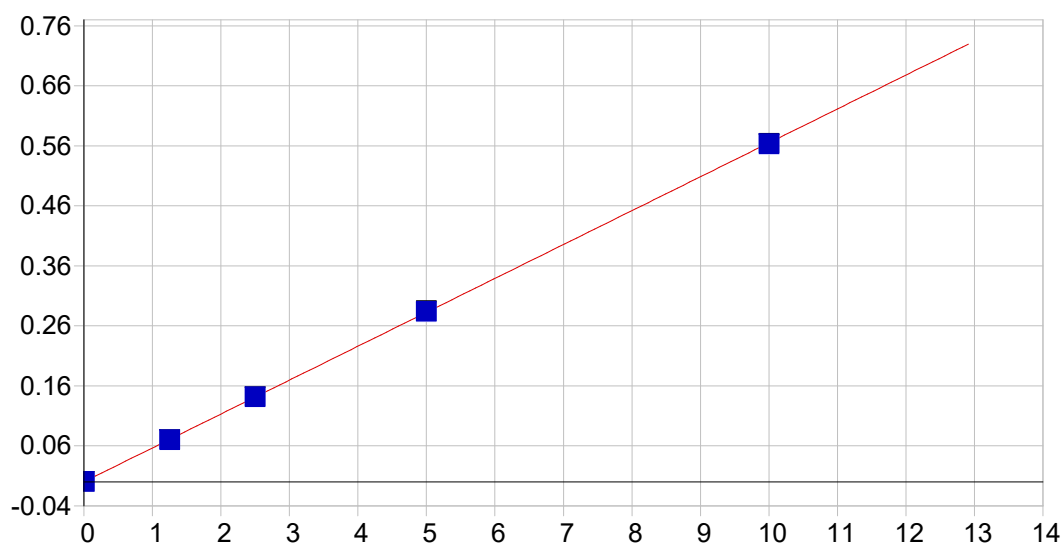
S 182.034 {485}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.026107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.006864
 Predicted MQL: 0.022878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00012	.000	1
S1	.10000	.09064	-.009	-9.36	.00248	.000	1
S2	1.2500	1.1796	-.070	-5.63	.03091	.000	1
S3	2.5000	2.4209	-.079	-3.17	.06331	.000	1
S4	5.0000	5.0118	.012	.236	.13094	.000	1
S5	10.000	10.147	.147	1.47	.26500	.000	1



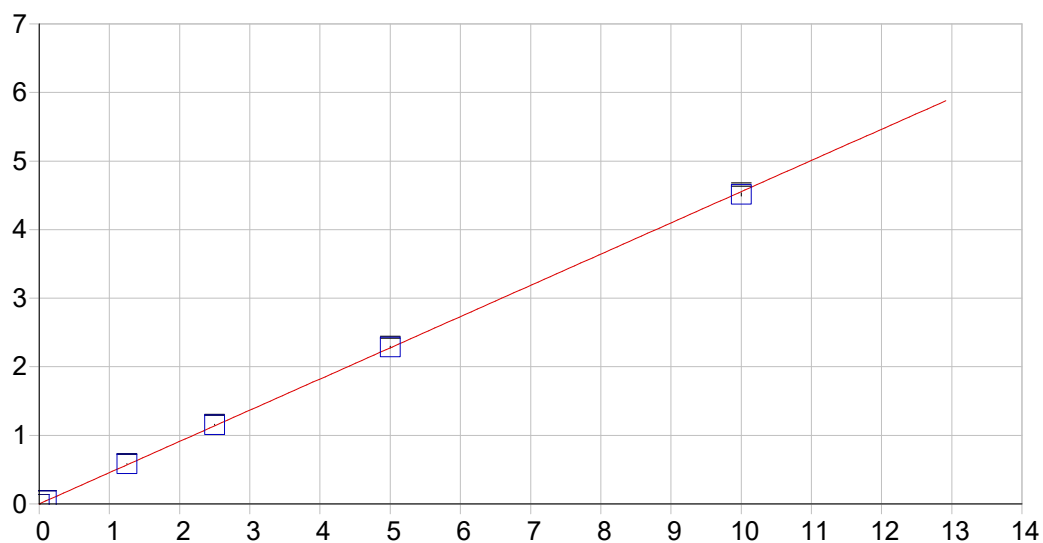


Sn 189.989 {478}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000147	Re-Slope:	1.000000
A1 (Gain):	0.056484	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.002648		
Predicted MQL:	0.008828		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00505	-.002	-27.9	.00042	.000	1
S2	1.2500	1.2403	-.010	-.775	.07001	.000	1
S3	2.5000	2.5056	.006	.226	.14129	.000	1
S4	5.0000	5.0279	.028	.557	.28337	.001	1
S5	10.000	9.9781	-.022	-.219	.56221	.000	1

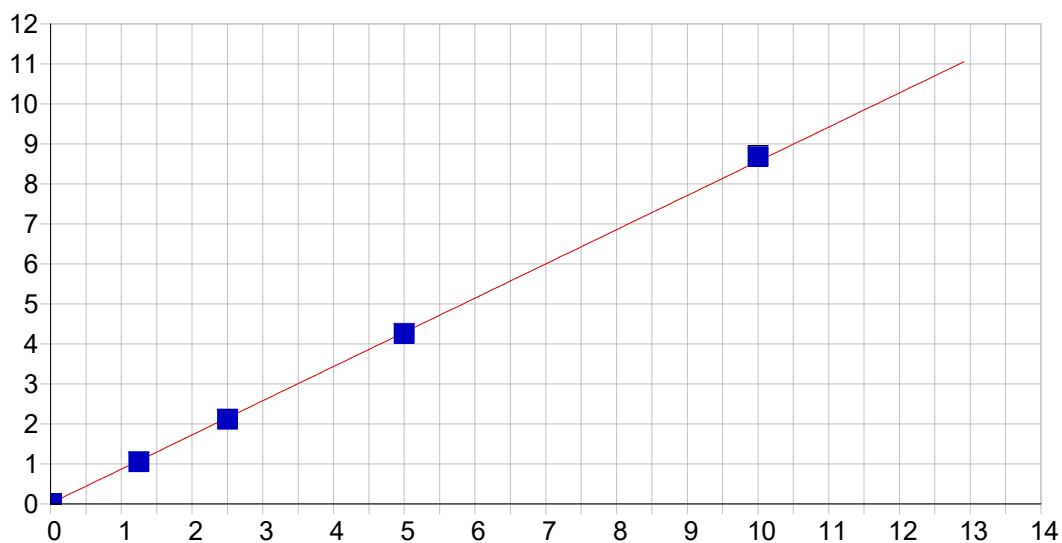


Ti 336.121 {100}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000606 Re-Slope: 1.000000
 A1 (Gain): 0.455222 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000266
 Predicted MDL: 0.001001
 Predicted MQL: 0.003336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00060	.000	1
S1	.10000	.10566	.006	5.66	.04871	.000	1
S2	1.2500	1.2778	.028	2.22	.58229	.004	1
S3	2.5000	2.5340	.034	1.36	1.1541	.006	1
S4	5.0000	5.0214	.021	.428	2.2865	.013	1
S5	10.000	9.9111	-.089	-.889	4.5124	.022	1



Li 670.784 { 50}

Date of Fit: 08/13/2021 17:33:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014046 Re-Slope: 1.000000
 A1 (Gain): 0.855097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000287
 Predicted MDL: 0.001368
 Predicted MQL: 0.004561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01405	.001	1
S5	10.000	10.132	.132	1.32	8.6690	.032	1
S4	5.0000	4.9637	-.036	-.727	4.2538	.007	1
S3	2.5000	2.4506	-.049	-1.98	2.1072	.007	1
S2	1.2500	1.2060	-.044	-3.52	1.0441	.003	1
S1	.01500	.01237	-.003	-17.5	.02456	.001	1







Y 224.306 {150}*

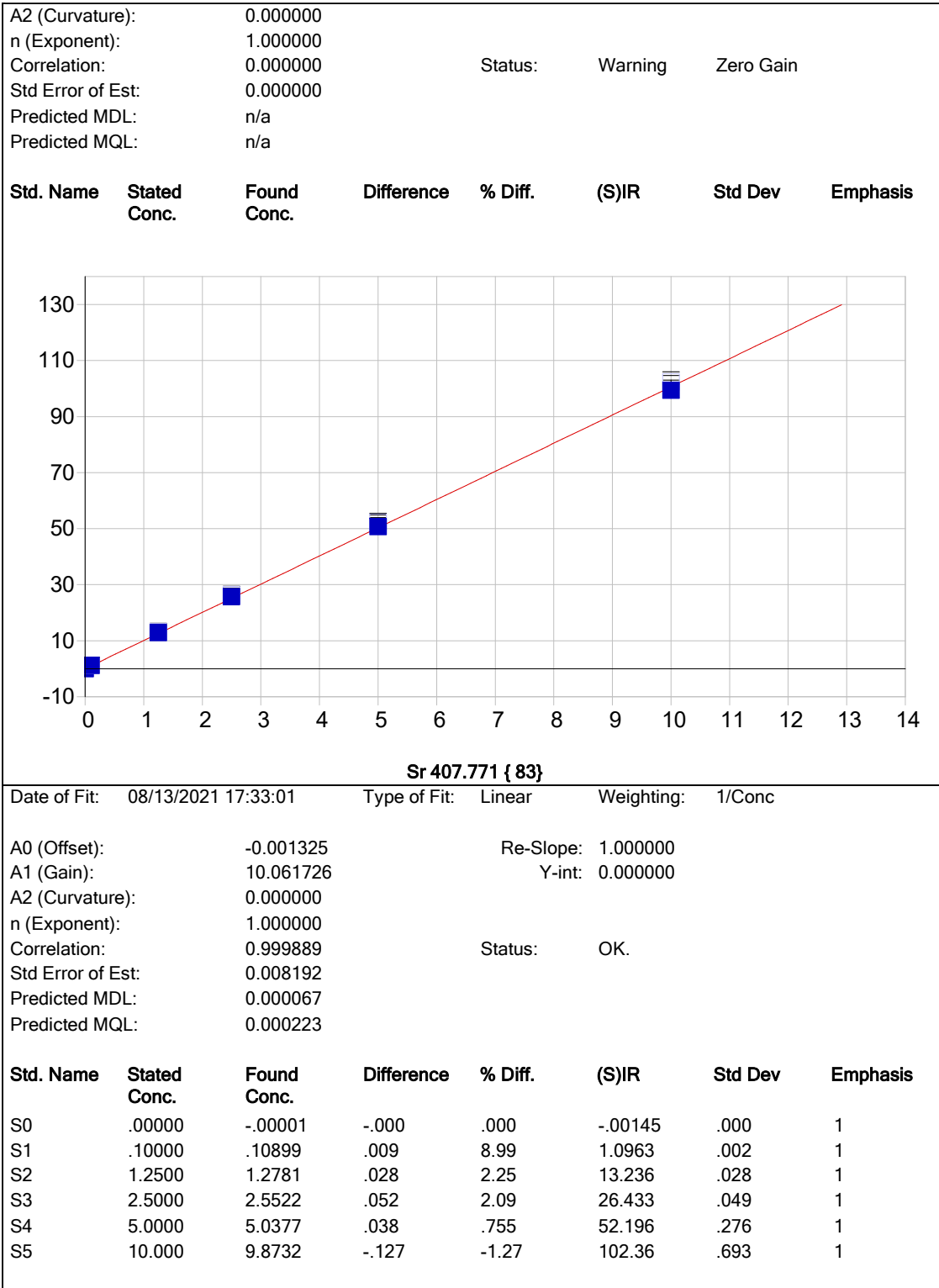
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 08/13/2021 14:19:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	-.00034	-.00096	.00054	.00079	.00024	.00194	-.01241	-.00162
Stddev	.00009	.00012	.00022	.00003	.00016	.00027	.00123	.00010
%RSD	26.055	12.611	41.250	4.0737	67.610	13.743	9.8858	6.4729
#1	-.00040	-.00110	.00048	.00076	.00036	.00222	-.01329	-.00169
#2	-.00024	-.00090	.00035	.00082	.00030	.00169	-.01101	-.00167
#3	-.00039	-.00088	.00078	.00079	.00005	.00190	-.01293	-.00150
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	-.00039	.00137	-.00004	-.00015	.00182	.00010	.00045	-.00032
Stddev	.00020	.00066	.00009	.00014	.00026	.00013	.00009	.00016
%RSD	51.561	48.288	215.36	96.521	14.339	126.52	20.318	49.525
#1	-.00033	.00108	.00005	-.00021	.00213	.00024	.00043	-.00050
#2	-.00022	.00213	-.00005	.00002	.00169	-.00000	.00055	-.00023
#3	-.00061	.00091	-.00012	-.00025	.00166	.00006	.00037	-.00023
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	-.00174	-.00062	.00172	-.00019	-.00052	.02417	-.00073	.00133
Stddev	.00006	.00005	.00040	.00010	.00019	.00089	.00003	.00015
%RSD	3.6435	7.5946	23.160	49.562	35.770	3.6840	3.7648	11.373
#1	-.00177	-.00067	.00170	-.00026	-.00032	.02396	-.00070	.00144
#2	-.00167	-.00057	.00213	-.00024	-.00058	.02340	-.00074	.00139
#3	-.00178	-.00062	.00133	-.00008	-.00068	.02515	-.00075	.00116
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	.00057	.00012	.00309	.00015	.00060	.01405	-.00145	
Stddev	.00008	.00011	.00021	.00017	.00029	.00063	.00040	
%RSD	14.160	90.424	6.8447	116.15	48.003	4.4948	27.540	
#1	.00062	.00009	.00285	.00034	.00082	.01340	-.00102	
#2	.00048	.00024	.00318	.00004	.00071	.01466	-.00182	
#3	.00062	.00003	.00325	.00006	.00027	.01409	-.00152	

Sample Name: S0 Acquired: 08/13/2021 14:19:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	1728.3	32395.	9083.5	949.80	2151.8
Stddev	1.7	105.	28.8	4.22	2.2
%RSD	.09762	.32500	.31759	.44384	.10403
#1	1730.0	32328.	9060.9	945.89	2153.1
#2	1728.3	32340.	9073.7	949.26	2153.0
#3	1726.6	32516.	9116.0	954.26	2149.2

Sample Name: S1 Acquired: 08/13/2021 14:23:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	.00016	.00238	.00265	.00760	.01690	.51807	.00905
Stddev	.00012	.00021	.00035	.00029	.00035	.00074	.00208	.00042
%RSD	517.49	135.05	14.638	11.059	4.6310	4.3735	.40110	4.6500
#1	-.00002	.00024	.00258	.00240	.00728	.01639	.51927	.00907
#2	.00010	-.00008	.00198	.00259	.00756	.01657	.51568	.00945
#3	-.00015	.00031	.00258	.00297	.00798	.01775	.51928	.00861
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	.01085	.28632	.00126	.03757	.00737	.00224	.00896	.03647
Stddev	.00040	.00012	.00005	.00035	.00044	.00029	.00013	.00012
%RSD	3.7083	.04031	4.1222	.92938	6.0143	12.934	1.4027	.33766
#1	.01069	.28645	.00122	.03796	.00718	.00198	.00905	.03639
#2	.01130	.28629	.00125	.03731	.00705	.00218	.00882	.03661
#3	.01054	.28623	.00132	.03743	.00788	.00255	.00901	.03641
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	.01490	.00308	.02022	.00456	.03432	.11804	-.00046	.02413
Stddev	.00026	.00017	.00046	.00011	.00127	.00147	.00015	.00022
%RSD	1.7395	5.4869	2.2975	2.3527	3.7145	1.2448	32.851	.92272
#1	.01518	.00302	.02043	.00467	.03546	.11646	-.00034	.02435
#2	.01485	.00328	.02053	.00456	.03456	.11830	-.00040	.02390
#3	.01467	.00296	.01968	.00445	.03294	.11937	-.00063	.02414
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	.00468	.00248	.02509	.00042	.04871	.02456	1.0963	
Stddev	.00010	.00025	.00028	.00010	.00043	.00106	.0018	
%RSD	2.0686	10.167	1.1073	24.316	.88122	4.3306	.16732	
#1	.00457	.00262	.02477	.00053	.04821	.02432	1.0942	
#2	.00473	.00264	.02525	.00033	.04899	.02572	1.0974	
#3	.00475	.00219	.02524	.00040	.04892	.02363	1.0973	

Sample Name: S1 Acquired: 08/13/2021 14:23:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	1714.3	32528.	8983.3	951.28	2157.1
Stddev	5.1	62.	9.3	6.94	4.4
%RSD	.29740	.19007	.10299	.72940	.20502
#1	1710.5	32466.	8982.4	943.76	2157.5
#2	1720.1	32590.	8993.0	957.43	2161.3
#3	1712.3	32528.	8974.6	952.66	2152.4

Sample Name: S2 Acquired: 08/13/2021 14:28:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	.04095	.06095	1.0958	.07061	.15381	2.6962	6.4978	.24544
Stddev	.00034	.00015	.0035	.00024	.00051	.0110	.0089	.00077
%RSD	.83977	.24059	.32069	.33633	.33336	.40732	.13648	.31329

#1	.04070	.06104	1.0922	.07072	.15432	2.6842	6.4952	.24534
#2	.04135	.06078	1.0992	.07077	.15380	2.7057	6.5076	.24473
#3	.04081	.06103	1.0960	.07034	.15330	2.6986	6.4904	.24626

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	1.3499	3.3281	.47307	.45460	.75985	.76733	2.0670	.45062
Stddev	.0035	.0064	.00102	.00104	.00261	.00415	.0021	.00310
%RSD	.26081	.19106	.21576	.22768	.34370	.54070	.10079	.68737

#1	1.3473	3.3293	.47422	.45367	.75683	.76255	2.0689	.44740
#2	1.3539	3.3338	.47272	.45572	.76139	.76951	2.0648	.45358
#3	1.3485	3.3213	.47227	.45441	.76132	.76995	2.0674	.45088

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	.24619	.10924	.14815	.05348	2.1540	.73824	.04036	.26412
Stddev	.00100	.00034	.00052	.00026	.0109	.00102	.00012	.00175
%RSD	.40784	.31298	.35158	.48037	.50786	.13810	.30109	.66078

#1	.24515	.10963	.14851	.05321	2.1435	.73708	.04037	.26605
#2	.24715	.10899	.14839	.05373	2.1533	.73899	.04048	.26367
#3	.24629	.10910	.14756	.05351	2.1653	.73864	.04024	.26265

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	.45898	.03091	.31256	.07001	.58229	1.0441	13.236
Stddev	.00082	.00023	.00138	.00007	.00362	.0027	.028
%RSD	.17910	.75816	.44209	.10212	.62207	.26385	.21291

#1	.45803	.03065	.31391	.06999	.57862	1.0421	13.214
#2	.45948	.03110	.31262	.07009	.58586	1.0473	13.268
#3	.45942	.03098	.31115	.06995	.58238	1.0431	13.226

Sample Name: S2 Acquired: 08/13/2021 14:28:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	1638.5	31794.	8942.9	910.33	2045.8
Stddev	1.1	46.	11.0	3.24	4.4
%RSD	.06822	.14393	.12337	.35628	.21651
#1	1638.0	31742.	8930.2	906.63	2050.1
#2	1637.7	31813.	8950.0	912.69	2041.3
#3	1639.7	31827.	8948.5	911.67	2045.9

Sample Name: S3 Acquired: 08/13/2021 14:31:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	.08176	.12257	2.2148	.13891	.30496	5.4116	13.053	.48614
Stddev	.00026	.00093	.0074	.00041	.00078	.0207	.035	.00332
%RSD	.31392	.75631	.33427	.29225	.25601	.38203	.26651	.68336

#1	.08186	.12364	2.2068	.13897	.30550	5.4115	13.087	.48571
#2	.08195	.12199	2.2163	.13848	.30407	5.4324	13.056	.48965
#3	.08147	.12209	2.2214	.13928	.30532	5.3910	13.017	.48305

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	2.6919	6.6373	.93013	.91721	1.5083	1.5029	4.0850	.90175
Stddev	.0085	.0149	.00122	.00258	.0025	.0089	.0042	.00512
%RSD	.31456	.22394	.13164	.28078	.16379	.59120	.10339	.56730

#1	2.6885	6.6459	.93014	.91443	1.5096	1.5050	4.0836	.90143
#2	2.6857	6.6459	.92890	.91768	1.5098	1.5105	4.0897	.90702
#3	2.7016	6.6201	.93135	.91951	1.5054	1.4931	4.0816	.89680

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	.49514	.22387	.29471	.10608	4.3058	1.4673	.08321	.52954
Stddev	.00178	.00053	.00059	.00023	.0120	.0036	.00020	.00418
%RSD	.35922	.23538	.19883	.21515	.27764	.24295	.23702	.78891

#1	.49377	.22327	.29511	.10583	4.3190	1.4714	.08314	.52780
#2	.49451	.22425	.29499	.10611	4.2956	1.4657	.08306	.53430
#3	.49715	.22409	.29404	.10629	4.3028	1.4648	.08344	.52651

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	.91781	.06331	.61727	.14129	1.1541	2.1072	26.433	
Stddev	.00365	.00036	.00448	.00014	.0064	.0067	.049	
%RSD	.39764	.56640	.72556	.09783	.55200	.31628	.18616	

#1	.91990	.06302	.61538	.14144	1.1545	2.1122	26.484	
#2	.91359	.06320	.62239	.14126	1.1603	2.1099	26.428	
#3	.91993	.06371	.61405	.14117	1.1476	2.0996	26.386	

Sample Name: S3 Acquired: 08/13/2021 14:31:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	1586.7	31166.	8829.8	877.58	1951.6
Stddev	4.9	39.	42.1	2.39	2.8
%RSD	.30714	.12479	.47683	.27213	.14228
#1	1583.7	31210.	8833.0	875.47	1953.8
#2	1592.4	31147.	8786.3	880.17	1952.5
#3	1584.2	31140.	8870.3	877.10	1948.5

Sample Name: S4 Acquired: 08/13/2021 14:35:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	.16489	.23924	4.4084	.27640	.61050	10.921	25.206	.95521
Stddev	.00018	.00172	.0143	.00092	.00136	.036	.177	.00751
%RSD	.10787	.71755	.32399	.33441	.22317	.32734	.70101	.78635

#1	.16470	.24032	4.4029	.27716	.61157	10.936	25.230	.95387
#2	.16506	.23726	4.3977	.27537	.60896	10.946	25.019	.96330
#3	.16490	.24013	4.4246	.27666	.61096	10.880	25.370	.94846

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3091	13.096	1.7984	1.8255	2.9747	2.9565	7.9495	1.8217
Stddev	.0163	.022	.0020	.0046	.0052	.0291	.0197	.0152
%RSD	.30651	.16508	.11320	.25428	.17429	.98472	.24806	.83394

#1	5.2965	13.093	1.7962	1.8256	2.9724	2.9629	7.9406	1.8260
#2	5.3034	13.076	1.8001	1.8208	2.9807	2.9819	7.9358	1.8342
#3	5.3275	13.119	1.7990	1.8301	2.9711	2.9248	7.9721	1.8048

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	.98113	.44652	.58957	.21034	8.8402	2.9335	.17021	1.0604
Stddev	.00230	.00142	.00310	.00125	.0121	.0100	.00092	.0081
%RSD	.23401	.31804	.52620	.59626	.13635	.34116	.54074	.76443

#1	.98123	.44607	.59024	.21041	8.8484	2.9340	.17081	1.0604
#2	.97878	.44538	.59228	.21156	8.8458	2.9433	.16915	1.0684
#3	.98337	.44811	.58619	.20905	8.8263	2.9233	.17067	1.0522

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	1.8300	.13094	1.2110	.28337	2.2865	4.2538	52.196
Stddev	.0013	.00030	.0070	.00093	.0130	.0069	.276
%RSD	.07281	.23015	.57980	.32822	.56688	.16094	.52854

#1	1.8287	.13107	1.2125	.28283	2.2922	4.2594	52.030
#2	1.8314	.13060	1.2171	.28285	2.2956	4.2559	52.515
#3	1.8300	.13117	1.2033	.28445	2.2716	4.2462	52.044

Sample Name: S4 Acquired: 08/13/2021 14:35:50 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	1498.8	30519.	8715.4	829.87	1832.6
Stddev	.8	8.	34.4	2.17	3.5
%RSD	.05478	.02779	.39441	.26201	.19096
#1	1499.1	30529.	8703.8	829.88	1832.5
#2	1499.5	30513.	8688.3	832.04	1836.2
#3	1497.9	30516.	8754.1	827.69	1829.2

Sample Name: S5 Acquired: 08/13/2021 14:39:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	.33151	.46101	8.7321	.52482	1.2274	22.142	50.451	1.8584
Stddev	.00113	.00211	.0061	.00213	.0011	.109	.549	.0043
%RSD	.34222	.45715	.06941	.40522	.09025	.49399	1.0884	.22857

#1	.33026	.45858	8.7257	.52268	1.2261	22.016	49.875	1.8536
#2	.33247	.46213	8.7378	.52693	1.2281	22.197	50.509	1.8615
#3	.33181	.46232	8.7327	.52485	1.2280	22.212	50.969	1.8602

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.370	25.639	3.4472	3.6136	5.8785	5.8029	15.345	3.6941
Stddev	.007	.016	.0073	.0022	.0197	.0499	.000	.0326
%RSD	.06601	.06290	.21334	.06199	.33499	.86002	.00230	.88307

#1	10.374	25.636	3.4477	3.6110	5.8559	5.7455	15.344	3.6575
#2	10.374	25.657	3.4396	3.6152	5.8874	5.8270	15.344	3.7046
#3	10.362	25.625	3.4543	3.6145	5.8921	5.8361	15.345	3.7202

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	1.9242	.89759	1.1827	.41367	18.221	5.9303	.34395	2.1052
Stddev	.0009	.00241	.0039	.00302	.080	.0279	.00075	.0061
%RSD	.04828	.26823	.33022	.72894	.43683	.47025	.21729	.28852

#1	1.9234	.90009	1.1785	.41030	18.133	5.8981	.34414	2.0987
#2	1.9253	.89529	1.1862	.41611	18.241	5.9454	.34312	2.1107
#3	1.9240	.89737	1.1833	.41459	18.288	5.9473	.34458	2.1063

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6656	.26500	2.3040	.56221	4.5124	8.6690	102.36
Stddev	.0121	.00048	.0056	.00044	.0216	.0322	.69
%RSD	.33140	.18292	.24078	.07844	.47924	.37096	.67656

#1	3.6516	.26445	2.2977	.56171	4.4878	8.6357	102.25
#2	3.6719	.26538	2.3082	.56251	4.5209	8.6999	101.73
#3	3.6733	.26516	2.3061	.56242	4.5284	8.6713	103.10

Sample Name: S5 Acquired: 08/13/2021 14:39:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	1382.7	29564.	8469.6	758.49	1691.0
Stddev	.7	86.	25.7	1.99	1.7
%RSD	.05348	.29229	.30341	.26205	.10227
#1	1383.6	29567.	8492.2	757.13	1689.2
#2	1382.3	29650.	8474.9	760.77	1692.6
#3	1382.3	29477.	8441.7	757.56	1691.2

Sample Name: S6 Acquired: 08/13/2021 14:44:05 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) 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	61.963	43.410	16.357	6.3397	3.4082
Stddev	.378	.079	.021	.0093	.0124
%RSD	.60999	.18101	.12707	.14647	.36521

#1	61.941	43.445	16.372	6.3348	3.3947
#2	62.351	43.320	16.366	6.3505	3.4193
#3	61.596	43.466	16.333	6.3340	3.4107

Int. Std.	Y_3710
Units	Cts/S
Avg	8337.3
Stddev	14.4
%RSD	.17225

#1	8322.0
#2	8339.2
#3	8350.5

Sample Name: ICV003 Acquired: 08/13/2021 14:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.019187	1.055787	1.027043	1.057367	1.032055	2.511671
Stddev	.004529	.006636	.007625	.002358	.003007	.018346
%RSD	.4443293	.6285192	.7424366	.2230224	.2913879	.7304195

#1	1.024131	1.052417	1.022991	1.058890	1.035527	2.507730
#2	1.018188	1.063432	1.022300	1.058560	1.030331	2.495616
#3	1.015240	1.051513	1.035839	1.054651	1.030306	2.531667

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5367331	.5513948	.5448853	10.34223	.5359123	.5274051
Stddev	.0007848	.0002403	.0007724	.00845	.0007254	.0010794
%RSD	.1462202	.0435882	.1417519	.0816722	.1353672	.2046646

#1	.5374697	.5513907	.5445407	10.34512	.5352001	.5275352
#2	.5359077	.5516372	.5457700	10.34885	.5366503	.5262666
#3	.5368218	.5511565	.5443451	10.33272	.5358865	.5284136

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5478346	10.83830	.5350029	5.722786	.5418278	.2349774
Stddev	.0033106	.07500	.0007780	.037964	.0005110	.0007910
%RSD	.6043024	.6920029	.1454255	.6633803	.0943029	.3366115

#1	.5440624	10.75778	.5349567	5.685391	.5412380	.2342576
#2	.5491842	10.85095	.5358030	5.761294	.5421092	.2358242
#3	.5502571	10.90617	.5342490	5.721672	.5421361	.2348504

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.613934	.5405525	.9641197	9.809936	F .0107936	F 1.361108
Stddev	.064907	.0042203	.0049010	.040992	.0013315	.003855
%RSD	.6751361	.7807374	.5083427	.4178569	12.33627	.2832048

#1	9.565307	.5372754	.9620357	9.771787	.0117466	1.356660
#2	9.588855	.5390675	.9606051	9.804747	.0113621	1.363462
#3	9.687639	.5453146	.9697183	9.853275	.0092722	1.363203

Sample Name: ICV003 Acquired: 08/13/2021 14:48:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.356459	F .0041863	F 1.211171	F 1.316291	F 1.408385	F .0098119
Stddev	.002480	.0024070	.004759	.003079	.004161	.0014634
%RSD	.1828577	57.49763	.3929107	.2339339	.2954370	14.91464

#1	1.359242	.0024085	1.207426	1.312768	1.403584	.0112674
#2	1.355657	.0069254	1.216526	1.317639	1.410944	.0098276
#3	1.354479	.0032249	1.209562	1.318466	1.410627	.0083407

Elem	Sr4077
Units	ppm
Avg	F -.009476
Stddev	.000016
%RSD	.1691532

#1	-.009461
#2	-.009473
#3	-.009493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.571	32125.85	8979.219	932.3167	2107.411
Stddev	4.087	170.93	22.231	5.0241	2.000
%RSD	.2469949	.5320760	.2475783	.5388885	.0949020

#1	1650.889	31948.34	8976.938	926.8856	2106.222
#2	1653.855	32289.34	8958.216	933.2660	2106.291
#3	1658.968	32139.87	9002.502	936.7985	2109.720

Sample Name: ICB003 Acquired: 08/13/2021 14:52:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011090	-.002959	.0021767	.0001631	.0039805	.0232854
Stddev	.0022319	.003499	.0032252	.0027182	.0013630	.0073894
%RSD	201.2470	118.2604	148.1709	1666.911	34.24061	31.73401

#1	.0004576	.000753	.0010835	.0028979	.0035338	.0153574
#2	.0035941	-.006198	.0058064	.0001296	.0028970	.0299813
#3	-.000725	-.003431	-.000360	-.002538	.0055108	.0245176

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002173	.0001876	.0002098	-.005151	.0002584	.0001310
Stddev	.000106	.0001807	.0001160	.008349	.0004097	.0005142
%RSD	4.876547	96.28706	55.30337	162.0843	158.5862	392.3218

#1	-.002089	.0003342	.0001206	-.003062	.0001734	-.000111
#2	-.002138	-.000014	.0001678	.001955	-.000102	-.000217
#3	-.002292	.000243	.0003409	-.014346	.000704	.000722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015738	.0111226	.0000378	.0275026	.0009425	.0005275
Stddev	.0001060	.0041137	.0001711	.0062024	.0004267	.0002530
%RSD	6.731863	36.98526	451.9160	22.55208	45.27624	47.96990

#1	.0015821	.0085052	-.000093	.0253806	.0011429	.0005890
#2	.0014640	.0158642	-.000025	.0344874	.0004525	.0002494
#3	.0016754	.0089984	.000231	.0226396	.0012323	.0007440

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.523328	.0011998	.0194187	.1055942	.0046272	F .0109818
Stddev	.211954	.0030010	.0003213	.0432962	.0059526	.0009188
%RSD	40.50121	250.1203	1.654796	41.00241	128.6438	8.366639

#1	-.327878	-.002155	.0194585	.0556113	.0048839	.0117675
#2	-.493484	.002125	.0190793	.1296709	-.001450	.0099715
#3	-.748623	.003629	.0197182	.1315004	.010447	.0112063

Sample Name: ICB003 Acquired: 08/13/2021 14:52:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015745	-.004236	-.003767	-.000956	.0003743	.0008842
Stddev	.0003556	.006201	.000542	.000796	.0009215	.0010233
%RSD	22.58355	146.3726	14.39362	83.24187	246.2207	115.7324

#1	.0018524	-.010940	-.003179	-.001798	.0014330	.0004321
#2	.0011738	-.003062	-.004247	-.000856	-.000247	.0020557
#3	.0016974	.001293	-.003875	-.000215	-.000063	.0001648

Elem	Sr4077
Units	ppm
Avg	-.000043
Stddev	.000065
%RSD	152.1713

#1	-.000080
#2	.000033
#3	-.000081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.876	32276.86	8963.615	937.3557	2119.466
Stddev	18.297	74.97	67.731	.4400	29.196
%RSD	1.089860	.2322706	.7556184	.0469402	1.377532

#1	1669.472	32227.31	9028.330	936.9303	2106.406
#2	1667.192	32240.16	8969.289	937.8090	2099.080
#3	1699.963	32363.11	8893.226	937.3279	2152.913

Sample Name: ICSA003 Acquired: 08/13/2021 15:16:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091128	-.003969	-.003139	.0277698	.0064407	242.8426	.0013949
Stddev	.0092239	.004953	.000591	.0030972	.0018737	.7218	.0019176
%RSD	101.2191	124.8031	18.84281	11.15321	29.09103	.2972190	137.4796

#1	.0000849	-.000530	-.003621	.0306432	.0074024	243.6166	.0011354
#2	.0087326	-.001730	-.002479	.0244891	.0076382	242.1880	-.000380
#3	.0185208	-.009646	-.003318	.0281771	.0042815	242.7232	.003429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011510	-.001261	247.5921	.0571081	-.001298	.0077001	103.1207
Stddev	.0001823	.000174	.4338	.0007440	.000432	.0015649	.5139
%RSD	15.84149	13.81703	.1752055	1.302785	33.28114	20.32260	.4983114

#1	.0011590	-.001175	248.0920	.0579647	-.001770	.0059315	103.6329
#2	.0013292	-.001148	247.3701	.0567362	-.000923	.0082635	102.6052
#3	.0009648	-.001462	247.3142	.0566234	-.001202	.0089053	103.1240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108055	246.1148	-.000468	.0041910	-.332365	-.000402	.0131745
Stddev	.0002407	1.0630	.000888	.0005179	.152137	.002466	.0013983
%RSD	2.227306	.4319296	189.5626	12.35716	45.77409	614.2692	10.61402

#1	.0110667	247.0521	.000228	.0045787	-.455102	.000472	.0137244
#2	.0105928	244.9597	-.000165	.0036029	-.162151	-.003186	.0142143
#3	.0107569	246.3326	-.001468	.0043916	-.379843	.001509	.0115848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717874	-.004835	-.007178	.0008831	.0109673	.0019668	.0016919
Stddev	.0629301	.005395	.001644	.0006863	.0093913	.0022357	.0032163
%RSD	87.66178	111.5840	22.89996	77.72172	85.62997	113.6695	190.0985

#1	-.000299	-.002346	-.006829	.0008611	.0158728	.0040312	.0053358
#2	.099899	-.001134	-.005737	.0015801	.0168899	-.000408	.0004912
#3	.115762	-.011025	-.008968	.0002080	.0001391	.002277	-.000751

Sample Name: ICSA003 Acquired: 08/13/2021 15:16:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000641	.0039974	.0069533
Stddev	.001329	.0014348	.0001503
%RSD	207.3820	35.89253	2.161864

#1	.000818	.0051710	.0068793
#2	-.001782	.0023979	.0071263
#3	-.000959	.0044232	.0068544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.569	30419.46	8671.453	861.7290	1873.883
Stddev	4.719	50.99	23.268	1.8617	4.265
%RSD	.3099108	.1676140	.2683257	.2160470	.2276156

#1	1517.320	30401.17	8645.812	859.8381	1868.963
#2	1526.459	30380.14	8691.222	861.7885	1876.154
#3	1523.929	30477.07	8677.324	863.5602	1876.533

Sample Name: ICSAB003 Acquired: 08/13/2021 15:20:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081724	.0916991	.0485616	.0798286	.5942899	242.3273	.5144244
Stddev	.0054026	.0057616	.0029693	.0059781	.0062444	.6689	.0001840
%RSD	4.994469	6.283192	6.114538	7.488684	1.050731	.2760308	.0357753

#1	.1134871	.0869759	.0499354	.0731904	.6009757	241.8939	.5146238
#2	.1083441	.0981184	.0451542	.0815083	.5932853	243.0976	.5142610
#3	.1026859	.0900031	.0505953	.0847872	.5886088	241.9902	.5143883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5251548	1.013704	246.3918	.5432881	.4971264	.5156479	103.1885
Stddev	.0036511	.001656	.3378	.0007772	.0012110	.0013516	.3607
%RSD	.6952354	.1633779	.1371113	.1430633	.2436010	.2621097	.3495583

#1	.5215731	1.012085	246.0598	.5424277	.4960201	.5170795	102.8467
#2	.5288715	1.015395	246.7352	.5439395	.4984203	.5154704	103.5655
#3	.5250197	1.013632	246.3803	.5434970	.4969389	.5143939	103.1533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980148	245.8917	1.005348	.2005720	-.218218	.5117244	.9749935
Stddev	.0009691	.8889	.004155	.0001403	.232602	.0045364	.0068584
%RSD	.1945913	.3614867	.4132744	.0699400	106.5918	.8864935	.7034341

#1	.4991014	244.8963	1.002433	.2005845	-.384173	.5068041	.9813254
#2	.4977032	246.6061	1.003505	.2004258	.047648	.5157409	.9759468
#3	.4972399	246.1728	1.010105	.2007055	-.318129	.5126283	.9677083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.076572	.0031694	-.007971	.0010401	.0090361	.0051479	.0035112
Stddev	.075271	.0019169	.001311	.0009308	.0010665	.0011451	.0028137
%RSD	98.30104	60.48202	16.45005	89.49441	11.80273	22.24407	80.13511

#1	-.113055	.0050859	-.007425	.0001198	.0097464	.0058907	.0036012
#2	-.126648	.0031704	-.009467	.0019811	.0078098	.0057237	.0006536
#3	.009988	.0012520	-.007021	.0010193	.0095523	.0038291	.0062788

Sample Name: ICSAB003 Acquired: 08/13/2021 15:20:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB003 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001602	.0016512	.0065096
Stddev	.000686	.0006755	.0001869
%RSD	42.83431	40.90788	2.870560

#1	-.002303	.0008821	.0067234
#2	-.000932	.0021480	.0064287
#3	-.001570	.0019236	.0063769

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1517.898	30563.27	8699.373	864.5117	1875.279
Stddev	.861	114.72	21.063	3.3585	.500
%RSD	.0567379	.3753374	.2421216	.3884901	.0266405

#1	1518.563	30476.27	8720.752	861.0981	1875.717
#2	1516.925	30693.27	8678.640	867.8123	1874.735
#3	1518.205	30520.27	8698.727	864.6248	1875.386

Sample Name: CCV059 Acquired: 08/13/2021 15:24:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.696964	4.614121	23.75815	4.678624	4.715704	409.8888	9.734754
Stddev	.029627	.017743	.05957	.004506	.022329	2.6755	.121021
%RSD	.6307614	.3845360	.2507246	.0963152	.4734981	.6527321	1.243183

#1	4.667095	4.593914	23.71219	4.673647	4.691562	412.7701	9.786526
#2	4.697455	4.621299	23.73682	4.682426	4.719936	409.4132	9.821277
#3	4.726343	4.627151	23.82545	4.679800	4.735614	407.4830	9.596459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4925687	2.400037	392.1087	14.19278	2.396425	14.53192	424.3871
Stddev	.0030548	.003971	.8914	.01181	.005498	.04328	2.7671
%RSD	.6201765	.1654687	.2273365	.0832188	.2294153	.2978603	.6520325

#1	.4936592	2.400961	391.1287	14.19780	2.395141	14.54118	426.1072
#2	.4949285	2.395685	392.8714	14.20126	2.391682	14.56983	425.8591
#3	.4891183	2.403464	392.3260	14.17930	2.402451	14.48476	421.1951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.06364	405.8325	2.375097	1.209934	411.7174	2.441788	14.64707
Stddev	.03086	2.1461	.004321	.003646	.9075	.009380	.03531
%RSD	.2194308	.5288153	.1819384	.3013491	.2204196	.3841353	.2410596

#1	14.03164	407.2434	2.373894	1.211278	412.0014	2.449076	14.62205
#2	14.09322	406.8913	2.371505	1.205806	412.4490	2.445083	14.68746
#3	14.06607	403.3627	2.379892	1.212717	410.7019	2.431206	14.63171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.2572	4.863236	4.877010	4.756295	4.896187	4.819443	4.802028
Stddev	.5610	.030726	.027159	.006408	.008854	.022639	.011302
%RSD	.3783919	.6318064	.5568812	.1347270	.1808281	.4697369	.2353604

#1	147.8484	4.828544	4.886725	4.752358	4.890672	4.827286	4.806418
#2	148.8968	4.887023	4.897976	4.752838	4.891489	4.837117	4.789190
#3	148.0264	4.874139	4.846330	4.763689	4.906399	4.793926	4.810477

Sample Name: CCV059 Acquired: 08/13/2021 15:24:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.908936	4.950399	4.657208
Stddev	.007875	.011601	.018530
%RSD	.1604170	.2343354	.3978748

#1	4.910411	4.948482	4.636576
#2	4.915969	4.962838	4.672434
#3	4.900428	4.939876	4.662613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.284	29635.14	8423.884	793.7523	1696.728
Stddev	2.482	38.85	38.065	3.2501	2.761
%RSD	.1763917	.1310862	.4518697	.4094614	.1627442

#1	1410.131	29622.57	8390.806	797.0093	1697.472
#2	1406.150	29604.14	8415.357	793.7383	1699.042
#3	1405.571	29678.72	8465.489	790.5091	1693.671

Sample Name: CCB059 Acquired: 08/13/2021 15:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090600	.0012862	.0014715	.0032627	.0004792	.0157695
Stddev	.0062271	.0017066	.0018918	.0016955	.0017152	.0019915
%RSD	68.73123	132.6903	128.5571	51.96730	357.9167	12.62855

#1	.0049194	.0027002	.0003451	.0025925	.0015412	.0143458
#2	.0162213	-.000610	.0036556	.0051909	.0013960	.0149175
#3	.0060395	.001768	.0004139	.0020046	-.001500	.0180452

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004017	.0000112	.0000720	.0164916	.0006087	.0001081
Stddev	.001086	.0001157	.0000678	.0131723	.0005124	.0003794
%RSD	27.03387	1031.237	94.22582	79.87308	84.18545	351.1294

#1	-.003129	.0001393	-.000005	.0294975	.0011564	-.000327
#2	-.003696	-.000020	.000124	.0168184	.0005287	.000282
#3	-.005228	-.000086	.000096	.0031589	.0001410	.000369

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034250	.0219760	-.000048	.0366534	-.000227	.0007900
Stddev	.0019701	.0063515	.000379	.0197512	.000582	.0003083
%RSD	57.51975	28.90195	790.4593	53.88658	255.8873	39.01861

#1	.0042037	.0209397	-.000065	.0140027	-.000269	.0006251
#2	.0011846	.0162063	.000339	.0502853	.000374	.0005993
#3	.0048867	.0287819	-.000418	.0456721	-.000787	.0011457

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.449193	-.000505	.0020020	-.024630	.0010267	F .0101501
Stddev	.289323	.001751	.0001904	.045859	.0013067	.0010500
%RSD	64.40948	346.7903	9.508365	186.1883	127.2717	10.34468

#1	-.783023	.001454	.0021546	-.014504	.0005157	.0108185
#2	-.271055	-.001051	.0017887	-.074706	.0025118	.0089398
#3	-.293501	-.001919	.0020626	.015319	.0000527	.0106918

Sample Name: CCB059 Acquired: 08/13/2021 15:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB059 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007693	.0006870	-.004489	.0002010	.0000607	.0002423
Stddev	.0005928	.0085318	.000335	.0037342	.0005074	.0004090
%RSD	77.06035	1241.886	7.459551	1857.837	835.2194	168.8284

#1	.0012568	.0047048	-.004144	.0043677	.0005100	.0001362
#2	.0009416	-.009112	-.004812	-.002843	-.000490	-.000103
#3	.0001094	.006468	-.004510	-.000922	.000162	.000694

Elem	Sr4077
Units	ppm
Avg	.0001248
Stddev	.0000661
%RSD	52.93603

#1	.0001588
#2	.0001669
#3	.0000486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.766	32134.63	8859.140	926.2738	2080.247
Stddev	3.848	13.82	42.396	1.4396	5.898
%RSD	.2362727	.0430209	.4785566	.1554237	.2835160

#1	1629.943	32118.74	8816.876	925.1560	2075.733
#2	1624.466	32143.86	8901.667	925.7670	2086.920
#3	1631.888	32141.29	8858.878	927.8983	2078.090

Sample Name: M3245-13 Acquired: 08/13/2021 15:32:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716308	-.009759	.8410827	.0547878	.0143982	68.96859	1.302089
Stddev	.0106033	.003804	.0021902	.0083522	.0035291	.10739	.005388
%RSD	14.80276	38.98062	.2604033	15.24459	24.51089	.1557089	.4137964

#1	.0643660	-.008095	.8415492	.0628399	.0175725	69.02751	1.300867
#2	.0837983	-.014111	.8430021	.0553588	.0150241	68.84464	1.297417
#3	.0667282	-.007070	.8386968	.0461648	.0105980	69.03363	1.307983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103156	.0439636	55.10873	.1686857	.0925012	1.996549	224.2477
Stddev	.0001206	.0001854	.05434	.0011141	.0005501	.002285	.0577
%RSD	1.169195	.4218135	.0985966	.6604620	.5947399	.1144636	.0257250

#1	.0103888	.0438263	55.15647	.1677435	.0926937	1.997736	224.2069
#2	.0103816	.0438901	55.04961	.1699154	.0918807	1.993915	224.2225
#3	.0101764	.0441746	55.12012	.1683982	.0929293	1.997997	224.3137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.211777	14.53338	.1647718	.0133099	.5566415	.1469994	5.115152
Stddev	.011514	.07958	.0003816	.0004347	.0684435	.0014220	.037436
%RSD	.1402163	.5475429	.2316056	3.265830	12.29579	.9673429	.7318587

#1	8.224837	14.61424	.1650740	.0137618	.5382766	.1469220	5.072498
#2	8.203091	14.53075	.1648985	.0128947	.4992540	.1456176	5.130407
#3	8.207403	14.45515	.1643429	.0132733	.6323938	.1484584	5.142552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.630028	7.456378	.0441448	.0145055	3.891002	10.19188	.0521435
Stddev	.043479	.004895	.0020920	.0002147	.001999	.04987	.0016943
%RSD	.9390660	.0656470	4.738946	1.479877	.0513828	.4892707	3.249219

#1	4.607286	7.461381	.0422266	.0144485	3.891960	10.23769	.0532177
#2	4.602636	7.451599	.0438323	.0143251	3.888704	10.13876	.0501904
#3	4.680161	7.456154	.0463754	.0147429	3.892342	10.19917	.0530224

Sample Name: M3245-13 Acquired: 08/13/2021 15:32:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9587384	.0655070	-.054786
Stddev	.0014701	.0006836	.000583
%RSD	.1533354	1.043482	1.064684

#1	.9585544	.0648455	-.054801
#2	.9573689	.0654648	-.055362
#3	.9602918	.0662106	-.054195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.581	36418.33	10153.37	1037.727	2046.377
Stddev	5.450	55.85	71.73	.564	2.049
%RSD	.2995334	.1533567	.7064241	.0543695	.1001141

#1	1820.707	36478.42	10070.62	1038.351	2048.480
#2	1824.381	36368.00	10197.66	1037.252	2046.265
#3	1813.656	36408.56	10191.83	1037.578	2044.387

Sample Name: M3245-14 Acquired: 08/13/2021 15:36:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729740	-.009843	.7884708	.0603822	.0026220	85.50786	1.311119
Stddev	.0012967	.002391	.0031919	.0061245	.0006382	.10098	.001629
%RSD	1.776897	24.28596	.4048240	10.14291	24.33901	.1180961	.1242789

#1	.0739621	-.009004	.7884849	.0667726	.0021056	85.39201	1.310345
#2	.0734542	-.007985	.7852719	.0545637	.0033355	85.57726	1.312991
#3	.0715058	-.012540	.7916557	.0598104	.0024249	85.55431	1.310020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105757	.0094455	19.70631	.1088201	.1138641	.7463503	257.7577
Stddev	.0000480	.0001195	.04209	.0007250	.0005404	.0024574	.3829
%RSD	.4542173	1.265474	.2135723	.6661977	.4745774	.3292608	.1485596

#1	.0105260	.0093946	19.68752	.1080281	.1133158	.7438887	258.1925
#2	.0105794	.0093599	19.75452	.1089814	.1138803	.7488036	257.4707
#3	.0106219	.0095821	19.67689	.1094509	.1143962	.7463586	257.6098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81127	17.71850	.2114562	.0118443	.6460451	.1791725	4.429793
Stddev	.03127	.03492	.0008041	.0000991	.1760264	.0006415	.030950
%RSD	.2892061	.1970720	.3802850	.8371277	27.24676	.3580644	.6986718

#1	10.80940	17.68103	.2107170	.0119421	.8288513	.1798791	4.458418
#2	10.84343	17.72434	.2113393	.0117439	.4776893	.1790117	4.396951
#3	10.78098	17.75013	.2123124	.0118469	.6315948	.1786266	4.434009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.529555	9.077072	.0464695	.0087527	2.818680	10.96615	.0463570
Stddev	.035288	.047918	.0034001	.0005950	.013070	.02431	.0022821
%RSD	.7790548	.5278962	7.316968	6.797783	.4637031	.2216495	4.922918

#1	4.492694	9.094287	.0451380	.0092480	2.815448	10.99082	.0454645
#2	4.532946	9.022925	.0439365	.0089175	2.807529	10.96542	.0489505
#3	4.563024	9.114003	.0503338	.0080927	2.833063	10.94222	.0446560

Sample Name: M3245-14 Acquired: 08/13/2021 15:36:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.208831	.0695952	-.076935
Stddev	.001849	.0005657	.000363
%RSD	.1529781	.8127731	.4717269

#1	1.208739	.0694422	-.077246
#2	1.207029	.0691217	-.076536
#3	1.210724	.0702216	-.077023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.617	38680.39	10771.06	1105.603	2036.475
Stddev	4.699	119.20	18.85	2.505	1.652
%RSD	.2425210	.3081707	.1749960	.2266026	.0811021

#1	1932.314	38547.68	10768.04	1104.231	2034.715
#2	1939.272	38778.37	10791.24	1108.495	2037.990
#3	1941.265	38715.12	10753.91	1104.083	2036.719

Sample Name: PB138090BL Acquired: 08/13/2021 15:40:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW090 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027303	-.000465	-.000961	.0005972	-.000316	.0082455	-.003959
Stddev	.0065970	.004417	.001558	.0034931	.002235	.0049260	.000756
%RSD	241.6253	948.8396	162.2262	584.8923	708.2108	59.74136	19.10419

#1	.0041339	-.004915	.000237	.0013896	-.000994	.0067715	-.004831
#2	.0085125	-.000399	-.000396	-.003224	.002180	.0137402	-.003546
#3	-.004456	.003918	-.002722	.003626	-.002133	.0042248	-.003499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000641	.0000694	-.000658	.0004435	.0002176	.0023355	.0128027
Stddev	.0000540	.0000859	.003698	.0001657	.0000795	.0007222	.0033685
%RSD	84.26662	123.8631	562.2171	37.36241	36.55073	30.92273	26.31088

#1	.0001263	.0001215	.000244	.0003993	.0002937	.0016566	.0154455
#2	.0000292	.0001163	-.004723	.0006268	.0001350	.0022556	.0139528
#3	.0000368	-.000030	.002506	.0003044	.0002243	.0030944	.0090098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006398	.0353434	.0003171	-.000120	-.424324	-.000585	.0018384
Stddev	.0003251	.0084134	.0000991	.000202	.240846	.000730	.0005499
%RSD	50.81937	23.80471	31.25212	167.7425	56.75990	124.6878	29.91236

#1	.0007631	.0416232	.0002705	-.000145	-.482539	-.001406	.0015651
#2	.0008853	.0257841	.0002498	.000093	-.630727	-.000338	.0014787
#3	.0002710	.0386229	.0004309	-.000308	-.159707	-.000011	.0024714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2311659	-.001619	-.001192	.0004610	-.001898	-.003006	-.002174
Stddev	.0353291	.001712	.000677	.0005269	.004131	.000793	.002847
%RSD	15.28300	105.7411	56.77818	114.2888	217.6183	26.38399	130.9197

#1	.2412283	-.001135	-.001377	.0005775	-.001257	-.002338	-.004103
#2	.2603722	-.000201	-.000442	.0009198	-.006312	-.003883	.001095
#3	.1918972	-.003520	-.001757	-.000114	.001874	-.002797	-.003515

Sample Name: PB138090BL Acquired: 08/13/2021 15:40:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006398	-.001375	-.000034
Stddev	.0002027	.002680	.000045
%RSD	31.67971	194.9594	131.5263

#1	.0008089	-.003998	.000017
#2	.0004151	-.001484	-.000051
#3	.0006954	.001358	-.000068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1615.821	31875.54	8826.109	922.3345	2071.238
Stddev	2.369	91.21	15.675	3.2394	2.336
%RSD	.1465899	.2861469	.1775976	.3512204	.1128046

#1	1613.204	31920.47	8835.540	923.6959	2068.540
#2	1617.816	31770.58	8808.015	918.6365	2072.600
#3	1616.445	31935.56	8834.773	924.6710	2072.574

Sample Name: PB138090BS Acquired: 08/13/2021 15:45:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259534	.0492527	.0218476	.0788771	.1266257	.4030962
Stddev	.0026050	.0041100	.0010015	.0033882	.0008091	.0084517
%RSD	10.03723	8.344660	4.583836	4.295486	.6389650	2.096692

#1	.0263220	.0497777	.0228883	.0812463	.1275556	.4067180
#2	.0283544	.0449055	.0217636	.0803888	.1262387	.3934372
#3	.0231837	.0530750	.0208907	.0749963	.1260828	.4091335

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4125210	.0112520	.0108166	10.37085	.0208113	.1021238
Stddev	.0009671	.0000435	.0000759	.02309	.0004934	.0004505
%RSD	.2344305	.3869043	.7012321	.2226299	2.370737	.4411186

#1	.4114704	.0112152	.0107324	10.34460	.0205346	.1026437
#2	.4127184	.0112408	.0108378	10.37996	.0205183	.1018502
#3	.4133741	.0113001	.0108796	10.38800	.0213809	.1018774

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562560	.2221517	.0321954	10.01727	.0836778	.0197702
Stddev	.0008467	.0013981	.0007813	.13999	.0005650	.0002899
%RSD	1.505059	.6293264	2.426664	1.397524	.6751450	1.466533

#1	.0559865	.2207906	.0313006	10.01620	.0832853	.0194550
#2	.0572047	.2220805	.0327421	9.87782	.0834229	.0198301
#3	.0555769	.2235840	.0325435	10.15780	.0843253	.0200256

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.330571	.1087090	.1267461	10.06064	.0242362	F .2083466
Stddev	.248851	.0023953	.0014870	.13540	.0037380	.0015564
%RSD	2.667045	2.203385	1.173237	1.345849	15.42325	.7470363

#1	9.616691	.1114528	.1277870	9.90717	.0253056	.2088249
#2	9.164535	.1070356	.1250430	10.11156	.0200801	.2066072
#3	9.210486	.1076386	.1274083	10.16320	.0273230	.2096078

Sample Name: PB138090BS Acquired: 08/13/2021 15:45:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212298	.1877238	.1924034	.0130705	.2190641	.0274339
Stddev	.0004695	.0084849	.0016817	.0019595	.0016410	.0002864
%RSD	2.211284	4.519899	.8740374	14.99148	.7491119	1.043830

#1	.0206879	.1783471	.1913586	.0108970	.2183588	.0273509
#2	.0215128	.1948723	.1915083	.0136125	.2178937	.0271982
#3	.0214887	.1899520	.1943433	.0147018	.2209399	.0277526

Elem	Sr4077
Units	ppm
Avg	.2224792
Stddev	.0005802
%RSD	.2607824

#1	.2220434
#2	.2222565
#3	.2231377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.295	31901.27	8840.044	913.9481	2086.704
Stddev	2.258	77.74	58.461	4.7450	4.188
%RSD	.1398984	.2436751	.6613155	.5191807	.2006851

#1	1613.321	31811.61	8844.137	908.4836	2081.872
#2	1616.876	31949.78	8896.351	917.0265	2089.275
#3	1612.686	31942.43	8779.645	916.3342	2088.965

Sample Name: PB138090TB Acquired: 08/13/2021 15:49:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0007531	-.000398	-.007846	.0018995	.0092413
Stddev	.002964	.0025980	.001210	.005153	.0013048	.0060850
%RSD	2923.449	344.9917	304.2556	65.66998	68.69395	65.84622

#1	-.001310	.0014205	.000998	-.002378	.0019076	.0162677
#2	-.002269	-.002114	-.001157	-.008551	.0032003	.0057304
#3	.003276	.002952	-.001034	-.012610	.0005906	.0057257

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003116	.0000822	.0001677	.0081823	.0016124	.0007237
Stddev	.000894	.0000546	.0001214	.0021799	.0004334	.0006071
%RSD	28.69728	66.34985	72.40724	26.64132	26.88140	83.89343

#1	-.004095	.0001362	.0000495	.0102109	.0013260	.0012909
#2	-.002911	.0000834	.0001614	.0084587	.0014001	.0000833
#3	-.002342	.0000271	.0002922	.0058775	.0021110	.0007967

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021530	.0131035	.0000382	.0175495	-.000291	.0002761
Stddev	.0004038	.0041517	.0002433	.0130064	.000312	.0003732
%RSD	18.75710	31.68407	636.3363	74.11291	107.2402	135.1714

#1	.0024441	.0139385	-.000102	.0298105	-.000329	.0006058
#2	.0016920	.0167742	.000319	.0039077	.000038	-.000129
#3	.0023230	.0085977	-.000102	.0189303	-.000582	.000352

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1068.966	.0016471	.0040923	.3129479	.0026797	-.000942
Stddev	1.515	.0040296	.0007479	.0261733	.0016042	.000287
%RSD	.1417704	244.6457	18.27499	8.363458	59.86637	30.50860

#1	1068.919	.0019712	.0032448	.2884027	.0020990	-.001254
#2	1070.505	.0055049	.0046596	.3404910	.0044934	-.000689
#3	1067.475	-.002535	.0043724	.3099498	.0014467	-.000884

Sample Name: PB138090TB Acquired: 08/13/2021 15:49:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000544	.0033106	-.003680	-.002012	.0003089	.0084202
Stddev	.000272	.0064050	.000297	.001441	.0001631	.0019514
%RSD	49.97898	193.4703	8.061870	71.60795	52.79126	23.17484

#1	-.000858	-.000521	-.003425	-.000595	.0002191	.0076501
#2	-.000389	.010705	-.003611	-.001965	.0004972	.0069714
#3	-.000385	-.000252	-.004006	-.003476	.0002105	.0106391

Elem	Sr4077
Units	ppm
Avg	-.000044
Stddev	.000087
%RSD	196.4881

#1	.000049
#2	-.000058
#3	-.000123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.878	30543.45	8641.113	889.0893	1848.154
Stddev	6.119	76.01	24.133	1.1091	3.745
%RSD	.3938029	.2488430	.2792853	.1247442	.2026605

#1	1548.910	30630.70	8614.420	890.3644	1844.074
#2	1552.012	30508.04	8647.529	888.3486	1851.437
#3	1560.713	30491.61	8661.390	888.5548	1848.949

Sample Name: M3232-05 Acquired: 08/13/2021 15:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102633	.0070137	.1061412	-.000057	.0027998	1.286067
Stddev	.0036689	.0043559	.0006927	.003122	.0011603	.196947
%RSD	35.74806	62.10661	.6525898	5438.289	41.44055	15.31390

#1	.0068826	.0116558	.1065099	-.002254	.0021270	1.487943
#2	.0141647	.0030157	.1053422	-.001435	.0021329	1.275810
#3	.0097425	.0063695	.1065715	.003517	.0041396	1.094450

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.246683	.0003131	.0025304	5.649893	.0050305	.0004259
Stddev	.001877	.0000446	.0000804	.014794	.0005580	.0001313
%RSD	.0835341	14.24791	3.176080	.2618495	11.09180	30.84051

#1	2.245133	.0003568	.0024887	5.643933	.0049122	.0002806
#2	2.246145	.0002677	.0024795	5.639009	.0056381	.0004610
#3	2.248769	.0003147	.0026231	5.666738	.0045412	.0005361

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949507	.5153747	.2021945	.7061587	.0023891	.0008196
Stddev	.0021769	.0048447	.0017303	.0212189	.0011888	.0002708
%RSD	1.116640	.9400266	.8557761	3.004839	49.75819	33.04195

#1	.1928656	.5138025	.2041922	.6925254	.0024002	.0005174
#2	.1947774	.5208103	.2012283	.7306061	.0035723	.0009009
#3	.1972091	.5115115	.2011631	.6953446	.0011948	.0010404

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1517.305	.0022240	1.920072	2.181303	.5171509	.5177458
Stddev	3.216	.0037830	.209964	.033029	.0035669	.0016723
%RSD	.2119469	170.1012	10.93519	1.514166	.6897205	.3229902

#1	1514.904	-.002110	2.143037	2.147030	.5212566	.5194032
#2	1516.052	.004864	1.891050	2.183951	.5153810	.5177751
#3	1520.959	.003917	1.726129	2.212928	.5148151	.5160591

Sample Name: M3232-05 Acquired: 08/13/2021 15:53:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001499	5.617730	.4370823	.0050788	.0166780	-.006140
Stddev	.0010100	.021412	.0016792	.0011147	.0014300	.001788
%RSD	673.9531	.3811468	.3841846	21.94876	8.574241	29.11320

#1	.0012579	5.642333	.4389065	.0046720	.0154155	-.007392
#2	-.000719	5.607550	.4356011	.0042245	.0163876	-.004093
#3	-.000089	5.603309	.4367393	.0063397	.0182310	-.006936

Elem	Sr4077
Units	ppm
Avg	.0575075
Stddev	.0001475
%RSD	.2564727

#1	.0573378
#2	.0575804
#3	.0576044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.136	31447.49	8977.171	911.1320	1866.121
Stddev	4.326	152.75	10.591	2.0289	4.464
%RSD	.2747951	.4857365	.1179726	.2226807	.2391875

#1	1578.802	31577.74	8984.174	909.4157	1868.171
#2	1573.348	31485.38	8982.352	913.3711	1869.192
#3	1570.259	31279.36	8964.988	910.6091	1861.001

Sample Name: M3232-06 Acquired: 08/13/2021 15:57:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175778	.0041969	.0294954	.0065103	.0006819	.1421468
Stddev	.0063902	.0019918	.0010750	.0045937	.0013129	.0090395
%RSD	36.35375	47.45877	3.644482	70.55991	192.5290	6.359248

#1	.0102504	.0050353	.0307309	.0080859	.0019452	.1351176
#2	.0219943	.0019230	.0289805	.0101088	.0007763	.1389790
#3	.0204886	.0056324	.0287747	.0013362	-.000676	.1523439

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.510089	.0003737	.0019547	403.0977	.0029446	.0224479
Stddev	.005757	.0000386	.0001388	.7581	.0005072	.0004130
%RSD	.2293478	10.33609	7.101916	.1880788	17.22314	1.839901

#1	2.508219	.0003853	.0021069	403.2949	.0035174	.0224954
#2	2.505500	.0004053	.0019222	402.2604	.0025529	.0220131
#3	2.516548	.0003306	.0018350	403.7377	.0027634	.0228351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057402	2.801011	3.766692	16.94633	.0476610	-.000054
Stddev	.0014363	.037518	.009636	.06882	.0014674	.000343
%RSD	25.02140	1.339445	.2558124	.4060952	3.078853	635.0515

#1	.0051083	2.793037	3.768777	16.87703	.0479730	-.000043
#2	.0073841	2.768121	3.756184	16.94731	.0489473	-.000403
#3	.0047282	2.841875	3.775114	17.01466	.0460627	.000284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1549.314	.0009423	2.551592	2.329229	.0365885	.1984774
Stddev	4.197	.0022295	.006761	.059687	.0012681	.0022805
%RSD	.2708966	236.6079	.2649774	2.562542	3.465752	1.148990

#1	1544.894	.0034965	2.543798	2.295342	.0376905	.1982638
#2	1549.804	-.000613	2.555882	2.294198	.0368725	.1963111
#3	1553.245	-.000057	2.555095	2.398147	.0352025	.2008571

Sample Name: M3232-06 Acquired: 08/13/2021 15:57:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002777	2.810975	.8546163	.0074146	-.008015	.0024054
Stddev	.0007443	.027777	.0031763	.0020674	.000057	.0000447
%RSD	268.0184	.9881558	.3716657	27.88327	.7152207	1.857781

#1	-.000553	2.783176	.8512838	.0052346	-.007955	.0024566
#2	.000884	2.811019	.8549561	.0076621	-.008069	.0023742
#3	.000502	2.838729	.8576091	.0093471	-.008023	.0023854

Elem	Sr4077
Units	ppm
Avg	1.535533
Stddev	.003311
%RSD	.2155930

#1	1.534759
#2	1.532677
#3	1.539161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.237	30773.43	8841.525	871.4231	1752.935
Stddev	4.151	40.41	26.202	1.8190	2.519
%RSD	.2754335	.1313307	.2963532	.2087427	.1437196

#1	1509.156	30767.71	8856.210	872.0671	1754.801
#2	1510.081	30736.18	8857.091	872.8325	1753.936
#3	1502.473	30816.40	8811.274	869.3697	1750.069

Sample Name: M3232-07 Acquired: 08/13/2021 16:01:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246117	.0034742	.0282342	.0150846	.0003055	.1469194
Stddev	.0017912	.0015845	.0015284	.0024246	.0018643	.0019598
%RSD	7.277889	45.60581	5.413338	16.07318	610.3323	1.333910

#1	.0250208	.0043271	.0299989	.0122987	.0023878	.1466720
#2	.0226513	.0016460	.0273348	.0167174	-.001208	.1450951
#3	.0261630	.0044495	.0273688	.0162378	-.000263	.1489912

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.518126	.0003951	.0020839	404.5440	.0031283	.0221856
Stddev	.002438	.0001302	.0000750	.2315	.0003955	.0006223
%RSD	.0968350	32.96043	3.600184	.0572203	12.64212	2.805033

#1	2.516209	.0005105	.0020024	404.7775	.0026989	.0223504
#2	2.517300	.0002539	.0021500	404.5401	.0034775	.0227089
#3	2.520871	.0004208	.0020994	404.3146	.0032084	.0214974

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060564	2.804013	3.778716	16.97402	.0478490	-.000524
Stddev	.0009356	.006771	.008201	.06890	.0003091	.000702
%RSD	15.44775	.2414806	.2170284	.4058890	.6460020	133.8107

#1	.0054703	2.796958	3.788186	16.93452	.0479629	-.000862
#2	.0055636	2.810459	3.773898	16.93397	.0474991	.000282
#3	.0071354	2.804622	3.774065	17.05358	.0480850	-.000993

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1554.420	.0016156	2.566393	2.405572	.0352306	.2001446
Stddev	4.679	.0027279	.012918	.020827	.0126941	.0011080
%RSD	.3010431	168.8470	.5033605	.8657735	36.03151	.5536105

#1	1549.077	.0016775	2.551647	2.389624	.0481345	.2001305
#2	1556.397	.0043121	2.575715	2.429135	.0347999	.2012596
#3	1557.786	-.001143	2.571816	2.397958	.0227573	.1990437

Sample Name: M3232-07 Acquired: 08/13/2021 16:01:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003046	2.851185	.8559855	.0070309	-.007525	.0020156
Stddev	.0007245	.015195	.0099378	.0026219	.000612	.0008023
%RSD	237.8900	.5329429	1.160984	37.29129	8.133739	39.80523

#1	.0011097	2.842799	.8537878	.0088819	-.007053	.0029418
#2	-.000295	2.842030	.8668382	.0081801	-.008216	.0015708
#3	.000099	2.868725	.8473304	.0040306	-.007304	.0015343

Elem	Sr4077
Units	ppm
Avg	1.539522
Stddev	.000382
%RSD	.0248410

#1	1.539266
#2	1.539338
#3	1.539961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.896	30851.25	8861.103	874.1791	1747.934
Stddev	4.283	25.53	39.542	1.8637	4.517
%RSD	.2848084	.0827442	.4462375	.2131969	.2584068

#1	1508.780	30880.35	8865.454	876.1632	1752.609
#2	1502.128	30832.65	8819.566	873.9088	1747.598
#3	1500.780	30840.74	8898.289	872.4652	1743.594

Sample Name: M3232-06LX5 Acquired: 08/13/2021 16:09:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118544	-.003156	.0044925	.0037785	-.000083	.0249660	.4525880
Stddev	.0031213	.001758	.0018034	.0021778	.003239	.0031869	.0022705
%RSD	26.33052	55.70553	40.14162	57.63671	3922.543	12.76488	.5016757

#1	.0121418	-.002208	.0063158	.0019939	.003457	.0256329	.4517234
#2	.0085992	-.005184	.0044522	.0031365	-.000806	.0214984	.4551638
#3	.0148220	-.002075	.0027097	.0062052	-.002898	.0277666	.4508769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002121	.0003796	72.31292	.0008772	.0024835	.0029519	.5308771
Stddev	.0001197	.0000489	.25091	.0001169	.0001737	.0003556	.0043439
%RSD	56.41894	12.88432	.3469797	13.32203	6.995152	12.04631	.8182426

#1	.0002190	.0003390	72.19402	.0008701	.0026768	.0025545	.5290293
#2	.0003281	.0003659	72.60117	.0007641	.0023404	.0030614	.5358394
#3	.0000891	.0004339	72.14356	.0009975	.0024334	.0032399	.5277627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7052164	3.132703	.0087669	.0001086	279.3362	.0012635	.4524114
Stddev	.0030333	.056924	.0006795	.0002880	.9901	.0018387	.0065927
%RSD	.4301193	1.817098	7.751224	265.0631	.3544564	145.5265	1.457245

#1	.7056807	3.194885	.0086050	-.000174	279.0534	-.000456	.4600143
#2	.7079907	3.120063	.0095128	.000098	280.4369	.003202	.4489438
#3	.7019777	3.083161	.0081829	.000402	278.5181	.001045	.4482761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.518762	.0100330	.0335480	-.000674	.4513019	.1516610	.0005409
Stddev	.039272	.0017005	.0015212	.000224	.0093786	.0022445	.0007639
%RSD	2.585820	16.94875	4.534375	33.25187	2.078117	1.479956	141.2247

#1	1.561391	.0086283	.0324732	-.000442	.4559107	.1517506	.0009597
#2	1.510841	.0119235	.0352886	-.000692	.4405106	.1538593	-.000341
#3	1.484053	.0095473	.0328822	-.000889	.4574843	.1493730	.001004

Sample Name: M3232-06LX5 Acquired: 08/13/2021 16:09:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BG2X2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001227	.0286177	.2821484
Stddev	.000401	.0007352	.0007739
%RSD	32.71305	2.569127	.2743028

#1	-.001675	.0293410	.2829757
#2	-.001106	.0286409	.2820274
#3	-.000900	.0278711	.2814421

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1584.654	31858.58	8917.032	904.9471	2005.382
Stddev	5.657	89.94	48.624	2.8483	4.480
%RSD	.3570110	.2823117	.5452885	.3147429	.2234107

#1	1578.532	31921.85	8897.917	901.6625	2000.384
#2	1585.741	31898.26	8880.871	906.4436	2006.724
#3	1589.689	31755.62	8972.309	906.7351	2009.037

Sample Name: PB138149BL Acquired: 08/13/2021 16:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS149 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003272	-.002675	-.000270	.0024401	-.000168	-.000080	-.004168
Stddev	.006703	.008375	.001392	.0026297	.002382	.009002	.000361
%RSD	204.8413	313.1114	514.7511	107.7679	1421.794	11202.93	8.666334

#1	-.010196	-.012025	-.001297	-.000534	-.002837	-.010354	-.004343
#2	-.002806	.004136	-.000828	.003396	.001742	.006424	-.004408
#3	.003186	-.000135	.001314	.004458	.000592	.003688	-.003752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001137	.0000646	.0111421	.0006717	.0003095	.0014770	-.002867
Stddev	.0001043	.0001154	.0095236	.0008542	.0002406	.0006733	.005418
%RSD	91.75256	178.6817	85.47339	127.1657	77.73918	45.58749	188.9814

#1	.0000026	.0000508	.0041760	.0002931	.0003945	.0008815	-.005839
#2	.0002096	-.000043	.0219943	.0000723	.0004960	.0022077	-.006149
#3	.0001288	.000186	.0072561	.0016498	.0000379	.0013419	.003387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000187	.0237001	.0000451	.0000408	-.210206	-.000413	.0010587
Stddev	.000346	.0095777	.0006050	.0001971	.212040	.002204	.0019079
%RSD	185.2474	40.41230	1342.430	483.1944	100.8728	533.5154	180.2085

#1	-.000515	.0298407	.0005498	-.000169	-.455040	-.000119	.0017014
#2	.000174	.0126640	.0002110	.000222	-.089603	-.002750	.0025624
#3	-.000220	.0285955	-.000626	.000069	-.085974	.001629	-.001088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6482578	-.000001	-.002520	-.000161	.0033169	-.005727	-.001475
Stddev	.0298563	.005484	.000424	.000730	.0039700	.000953	.001985
%RSD	4.605621	452917.8	16.81509	454.8614	119.6910	16.64499	134.5686

#1	.6670565	-.001928	-.002814	.000146	.0012115	-.005428	-.002305
#2	.6638856	-.004262	-.002034	.000366	.0008430	-.004959	-.002911
#3	.6138314	.006187	-.002711	-.000994	.0078961	-.006794	.000790

Sample Name: PB138149BL Acquired: 08/13/2021 16:13:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS149 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008247	.0141117	-.000052
Stddev	.0006222	.0005664	.000030
%RSD	75.45110	4.013456	58.78264

#1	.0001077	.0147288	-.000052
#2	.0011426	.0139906	-.000021
#3	.0012237	.0136157	-.000082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.094	32183.50	8886.717	926.6117	2092.423
Stddev	2.915	103.44	61.823	4.0480	1.981
%RSD	.1795052	.3214129	.6956817	.4368630	.0946511

#1	1622.482	32073.68	8848.625	923.5604	2090.900
#2	1627.459	32197.75	8958.050	925.0708	2091.708
#3	1622.340	32279.08	8853.477	931.2039	2094.662

Sample Name: PB138149BS Acquired: 08/13/2021 16:17:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS149 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237003	.0526926	.0208472	.0769749	.1266287	.4082673
Stddev	.0068026	.0039035	.0008719	.0049369	.0015245	.0046203
%RSD	28.70262	7.408094	4.182355	6.413689	1.203913	1.131681

#1	.0315532	.0513284	.0208311	.0756933	.1250762	.4036855
#2	.0196178	.0570952	.0199834	.0824263	.1266863	.4129251
#3	.0199299	.0496543	.0217270	.0728052	.1281235	.4081912

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4123215	.0113591	.0106944	10.33260	.0211908	.1002974
Stddev	.0005676	.0001779	.0001034	.01176	.0005649	.0002119
%RSD	.1376622	1.566401	.9668386	.1137878	2.665643	.2112512

#1	.4118555	.0115599	.0105769	10.34550	.0216279	.1005419
#2	.4129536	.0112211	.0107713	10.32981	.0205530	.1001820
#3	.4121553	.0112962	.0107350	10.32248	.0213914	.1001682

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562512	.2186440	.0322514	10.21455	.0816958	.0196937
Stddev	.0002201	.0069577	.0002165	.00931	.0003409	.0004590
%RSD	.3913126	3.182201	.6712414	.0911411	.4173209	2.330777

#1	.0562033	.2238768	.0323042	10.20404	.0815325	.0201824
#2	.0560589	.2107481	.0324367	10.22175	.0820877	.0196269
#3	.0564913	.2213070	.0320135	10.21786	.0814673	.0192717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07662	.1112218	.1289734	10.39241	.0232663	F .2077904
Stddev	.17807	.0032035	.0009514	.05984	.0008168	.0018653
%RSD	1.767126	2.880286	.7376373	.5758281	3.510594	.8977045

#1	10.16429	.1100852	.1280146	10.45867	.0233539	.2072683
#2	9.87171	.1148387	.1299172	10.37625	.0224093	.2098612
#3	10.19384	.1087416	.1289883	10.34231	.0240358	.2062418

Sample Name: PB138149BS Acquired: 08/13/2021 16:17:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS149 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218832	.1946393	.1938255	.0117478	.2217223	.0365951
Stddev	.0005839	.0063783	.0030670	.0029184	.0013414	.0014758
%RSD	2.668058	3.276967	1.582367	24.84179	.6049912	4.032805

#1	.0221589	.1991556	.1917447	.0103983	.2217869	.0366953
#2	.0222781	.1873428	.1973477	.0097485	.2230303	.0380182
#3	.0212125	.1974194	.1923841	.0150967	.2203498	.0350717

Elem	Sr4077
Units	ppm
Avg	.2238950
Stddev	.0003050
%RSD	.1362379

#1	.2237238
#2	.2242472
#3	.2237140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1617.781	32133.30	8877.568	925.7589	2107.775
Stddev	1.807	17.26	51.037	2.0032	.956
%RSD	.1116776	.0536986	.5748973	.2163855	.0453412

#1	1616.409	32140.75	8908.800	928.0697	2108.712
#2	1617.107	32113.57	8818.672	924.5145	2106.802
#3	1619.828	32145.57	8905.233	924.6925	2107.810

Sample Name: M3233-01 Acquired: 08/13/2021 16:24:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544151	-.008081	2.520580	.0583581	.0058948	135.5903
Stddev	.0044466	.004184	.013066	.0055030	.0019401	.5935
%RSD	8.171592	51.77594	.5183602	9.429691	32.91255	.4377022

#1	.0586687	-.010059	2.508340	.0646776	.0078180	134.9339
#2	.0497979	-.010910	2.519060	.0557736	.0039382	135.7482
#3	.0547787	-.003275	2.534339	.0546231	.0059281	136.0889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.805013	.0072770	.0074481	7.980207	.5825290	.0533617
Stddev	.001345	.0000680	.0001200	.007260	.0033194	.0002368
%RSD	.0479353	.9347260	1.611137	.0909725	.5698344	.4436932

#1	2.803506	.0072544	.0073557	7.983801	.5841069	.0535338
#2	2.805444	.0073534	.0075837	7.971851	.5847651	.0530917
#3	2.806089	.0072232	.0074048	7.984969	.5787149	.0534597

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.228057	213.1463	6.229748	10.56742	.1522173	.0620015
Stddev	.005411	1.6376	.011770	.05944	.0012192	.0003802
%RSD	.1676190	.7683077	.1889252	.5624735	.8009410	.6132210

#1	3.223650	211.3354	6.243274	10.51921	.1515104	.0617332
#2	3.234096	213.5802	6.224127	10.54921	.1536251	.0624366
#3	3.226425	214.5233	6.221843	10.63383	.1515164	.0618347

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.096232	.3094740	1.636746	2.219504	F 31.17477	.0133635
Stddev	.180083	.0048688	.010441	.026417	.08089	.0056991
%RSD	16.42746	1.573264	.6379047	1.190216	.2594858	42.64699

#1	1.234763	.3039521	1.628778	2.249690	31.16710	.0070890
#2	.892665	.3113196	1.632893	2.200614	31.09799	.0147823
#3	1.161267	.3131501	1.648565	2.208206	31.25923	.0182191

Sample Name: M3233-01 Acquired: 08/13/2021 16:24:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287076	9.122870	11.00501	1.061524	7.855931	.0509677
Stddev	.0001025	.018901	.14699	.007324	.063016	.0002481
%RSD	.3572013	.2071865	1.335672	.6899584	.8021435	.4868713

#1	.0287405	9.101467	10.91617	1.061012	7.830447	.0512143
#2	.0285926	9.129873	11.17468	1.054468	7.809647	.0507180
#3	.0287897	9.137271	10.92418	1.069090	7.927697	.0509707

Elem	Sr4077
Units	ppm
Avg	-.129175
Stddev	.001939
%RSD	1.500894

#1	-.126938
#2	-.130218
#3	-.130369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.069	35203.04	9845.629	1009.398	2117.709
Stddev	2.729	67.32	15.699	1.148	5.181
%RSD	.1545463	.1912449	.1594564	.1137552	.2446298

#1	1766.262	35244.88	9863.684	1009.447	2117.547
#2	1768.698	35238.86	9835.192	1010.521	2122.969
#3	1763.249	35125.38	9838.010	1008.226	2112.612

Sample Name: M3233-02 Acquired: 08/13/2021 16:28:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055972	-.001367	.2507547	.0568044	.0035311	112.8698	.8191202
Stddev	.0037201	.004842	.0018076	.0037036	.0005123	.3290	.0008649
%RSD	66.46437	354.1624	.7208556	6.519921	14.50887	.2914794	.1055845

#1	.0058828	-.000377	.2502900	.0527456	.0030836	112.4987	.8181245
#2	.0017425	-.006628	.2527492	.0576668	.0034199	112.9849	.8196849
#3	.0091663	.002903	.2492248	.0600007	.0040899	113.1258	.8195512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089442	.0017547	140.4731	.0575280	.0513367	.3501602	279.8024
Stddev	.0001154	.0001033	.0718	.0008018	.0002607	.0013078	1.6132
%RSD	1.290206	5.887984	.0511266	1.393778	.5077878	.3734713	.5765504

#1	.0090753	.0018739	140.4134	.0579395	.0515530	.3490465	278.1056
#2	.0088581	.0016909	140.4531	.0580405	.0510473	.3516002	279.9853
#3	.0088991	.0016993	140.5528	.0566040	.0514098	.3498337	281.3164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.650785	63.88014	.0521624	.0137287	1.600479	.1326599	1.310061
Stddev	.007342	.48054	.0003797	.0002132	.068764	.0015960	.013109
%RSD	.2011201	.7522577	.7279365	1.553219	4.296494	1.203115	1.000675

#1	3.649585	63.39275	.0525429	.0138846	1.614892	.1309040	1.294983
#2	3.658654	63.89414	.0517835	.0134857	1.525651	.1340226	1.318753
#3	3.644117	64.35353	.0521609	.0138158	1.660895	.1330532	1.316450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.759486	8.081963	-.009568	.0031521	3.246865	8.620708	.0610598
Stddev	.045029	.032047	.003349	.0014513	.020538	.084480	.0047791
%RSD	1.631779	.3965199	35.00227	46.04150	.6325487	.9799706	7.826880

#1	2.714405	8.066997	-.012649	.0031479	3.224978	8.660212	.0585759
#2	2.759591	8.060137	-.010051	.0017029	3.265717	8.523713	.0580341
#3	2.804462	8.118755	-.006004	.0046055	3.249899	8.678199	.0665693

Sample Name: M3233-02 Acquired: 08/13/2021 16:28:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BG2X2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.076823	.0589660	.0834034
Stddev	.025525	.0010392	.0012099
%RSD	.6261007	1.762314	1.450627

#1	4.051505	.0577662	.0847932
#2	4.076415	.0595835	.0828311
#3	4.102550	.0595483	.0825857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.172	37526.77	10414.30	1065.398	2014.560
Stddev	3.714	142.77	51.44	7.403	2.162
%RSD	.2014937	.3804412	.4939097	.6948245	.1073378

#1	1845.182	37654.42	10456.07	1073.945	2012.401
#2	1838.887	37553.30	10429.98	1061.026	2014.554
#3	1845.449	37372.60	10356.85	1061.223	2016.726

Sample Name: M3233-03 Acquired: 08/13/2021 16:32:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025373	-.004598	.2528447	.0516902	.0014882	112.2327	.8137429
Stddev	.0023975	.005566	.0041929	.0023927	.0046672	.2422	.0003758
%RSD	94.48987	121.0507	1.658289	4.628824	313.6152	.2158105	.0461769

#1	.0040207	-.004456	.2498053	.0543168	-.001394	112.3924	.8138060
#2	.0038200	.000895	.2511007	.0496350	-.001015	112.3517	.8133396
#3	-.000229	-.010234	.2576281	.0511189	.006873	111.9540	.8140831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088592	.0018961	139.3834	.0567277	.0512815	.3527000	277.6652
Stddev	.0001703	.0000961	.0331	.0009865	.0005260	.0032215	.6788
%RSD	1.922309	5.066207	.0237584	1.738933	1.025662	.9133911	.2444605

#1	.0087873	.0019695	139.4217	.0569044	.0508254	.3528474	278.1318
#2	.0090537	.0017874	139.3644	.0576139	.0511621	.3558453	277.9773
#3	.0087367	.0019314	139.3643	.0556649	.0518569	.3494073	276.8865

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.639109	64.67211	.0511615	.0140744	1.514300	.1350105	1.385825
Stddev	.007481	.12237	.0000714	.0001315	.086454	.0011514	.013420
%RSD	.2055809	.1892168	.1394998	.9345538	5.709180	.8528337	.9683458

#1	3.631790	64.78876	.0510999	.0141820	1.417282	.1341116	1.375200
#2	3.646743	64.68284	.0511449	.0141135	1.583178	.1363083	1.400905
#3	3.638794	64.54473	.0512397	.0139278	1.542441	.1346116	1.381369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.713764	8.072273	-.008304	.0038293	3.278095	8.651653	.0576471
Stddev	.017407	.045876	.004616	.0003766	.013885	.049454	.0055432
%RSD	.6414187	.5683128	55.58576	9.834482	.4235552	.5716149	9.615770

#1	2.726143	8.046045	-.011571	.0039023	3.281055	8.705838	.0524536
#2	2.721288	8.045528	-.010319	.0034216	3.262969	8.608949	.0570038
#3	2.693861	8.125244	-.003023	.0041641	3.290261	8.640172	.0634839

Sample Name: M3233-03 Acquired: 08/13/2021 16:32:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BG2X2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.053481	.0583062	.0847930
Stddev	.010323	.0010049	.0004753
%RSD	.2546597	1.723553	.5605623

#1	4.050336	.0587164	.0849540
#2	4.065010	.0590413	.0842581
#3	4.045096	.0571611	.0851670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.754	37439.65	10404.39	1063.385	2010.336
Stddev	1.502	75.17	22.46	5.721	1.867
%RSD	.0812366	.2007746	.2158289	.5379668	.0928616

#1	1849.899	37526.29	10381.22	1069.989	2011.929
#2	1847.054	37391.74	10405.88	1060.208	2008.282
#3	1849.311	37400.94	10426.06	1059.959	2010.796

Sample Name: M3233-02LX5 Acquired: 08/13/2021 16:40:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033890	-.000322	.0496856	.0130918	-.001194	24.43149	.1757093
Stddev	.0067020	.005525	.0022961	.0018557	.002651	.05580	.0013529
%RSD	197.7542	1714.406	4.621190	14.17439	221.9782	.2284003	.7699412

#1	-.002495	-.005220	.0497628	.0151245	-.004248	24.36781	.1763523
#2	.010684	.005668	.0519421	.0114884	.000153	24.47185	.1741549
#3	.001978	-.001415	.0473519	.0126625	.000512	24.45480	.1766208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020052	.0000568	30.79845	.0137818	.0086620	.0809532	62.67512
Stddev	.0000607	.0001762	.05023	.0001568	.0003019	.0005503	.29866
%RSD	3.027480	310.0690	.1630904	1.137484	3.485479	.6798084	.4765244

#1	.0020206	.0002121	30.80703	.0139628	.0087286	.0808865	62.41596
#2	.0019382	-.000135	30.74448	.0136934	.0083324	.0815339	63.00174
#3	.0020567	.000093	30.84384	.0136893	.0089251	.0804393	62.60765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8245524	14.07247	.0098023	.0032276	-.075755	.0293050	.2966443
Stddev	.0021704	.07419	.0003633	.0002946	.151033	.0008941	.0017825
%RSD	.2632171	.5272059	3.705736	9.126272	199.3697	3.051156	.6008828

#1	.8251836	13.99116	.0097615	.0030757	-.240360	.0296914	.2982274
#2	.8221364	14.08976	.0101842	.0035671	-.043352	.0282827	.2947136
#3	.8263371	14.13648	.0094611	.0030401	.056446	.0299410	.2969919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7325971	1.532409	.0045248	.0005359	.5884458	1.818425	.0103912
Stddev	.0482271	.004801	.0009727	.0006626	.0049206	.043973	.0012989
%RSD	6.583031	.3132663	21.49745	123.6488	.8362018	2.418171	12.49981

#1	.7532196	1.531600	.0042406	.0005401	.5842396	1.813102	.0117635
#2	.7670840	1.528064	.0037259	-.000129	.5938569	1.864817	.0102292
#3	.6774875	1.537563	.0056080	.001196	.5872410	1.777356	.0091809

Sample Name: M3233-02LX5 Acquired: 08/13/2021 16:40:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9071074	.0128480	.0183233
Stddev	.0052739	.0012554	.0001245
%RSD	.5813979	9.771059	.6794187

#1	.9125079	.0142975	.0181930
#2	.9068444	.0121391	.0183360
#3	.9019699	.0121074	.0184410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.073	33428.09	9297.711	958.4431	2104.678
Stddev	3.145	26.19	10.480	4.6780	2.520
%RSD	.1876626	.0783377	.1127140	.4880807	.1197406

#1	1675.057	33402.30	9286.422	954.7196	2102.096
#2	1673.562	33454.66	9299.579	956.9159	2107.131
#3	1679.601	33427.31	9307.131	963.6938	2104.807

Sample Name: M3232-08 Acquired: 08/13/2021 16:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574550	.0470159	.0517641	.1224332	.1051013	2.177378
Stddev	.0086818	.0016138	.0040350	.0019686	.0007279	.010863
%RSD	15.11054	3.432491	7.795032	1.607879	.6925495	.4988912

#1	.0654936	.0486686	.0472382	.1242714	.1057486	2.168470
#2	.0482483	.0454440	.0530683	.1203561	.1043134	2.174185
#3	.0586231	.0469352	.0549856	.1226721	.1052420	2.189480

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.661541	.0556074	.0578990	399.2519	.2042758	.5678554
Stddev	.006606	.0004932	.0002414	.1296	.0009356	.0008504
%RSD	.1417028	.8870166	.4170256	.0324653	.4580077	.1497539

#1	4.669136	.0557507	.0577904	399.3300	.2045459	.5670061
#2	4.658350	.0560131	.0581757	399.1023	.2050467	.5678530
#3	4.657137	.0550583	.0577310	399.3234	.2032349	.5687069

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2837488	3.896024	4.237114	16.83514	.5923566	.0530043
Stddev	.0012551	.027664	.008088	.05873	.0014286	.0001296
%RSD	.4423359	.7100606	.1908857	.3488397	.2411691	.2445158

#1	.2828474	3.864249	4.245896	16.80093	.5908237	.0528865
#2	.2832166	3.914751	4.235474	16.90295	.5925954	.0529833
#3	.2851823	3.909073	4.229972	16.80154	.5936507	.0531432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1539.117	.5612840	3.068510	2.223062	.0333729	.1953610
Stddev	3.542	.0014517	.028644	.048431	.0075978	.0007364
%RSD	.2301045	.2586356	.9334687	2.178573	22.76642	.3769628

#1	1535.115	.5607732	3.043356	2.211871	.0249085	.1945485
#2	1540.392	.5601568	3.062488	2.181207	.0396032	.1959844
#3	1541.846	.5629221	3.099685	2.276110	.0356069	.1955502

Sample Name: M3232-08 Acquired: 08/13/2021 16:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000352	2.760034	.8590800	.0051584	-.006205	-.000415
Stddev	.000575	.019722	.0123717	.0028876	.001307	.000948
%RSD	163.1123	.7145710	1.440107	55.97897	21.06223	228.4481

#1	-.000531	2.737266	.8653077	.0018437	-.004750	-.001492
#2	-.000817	2.771848	.8671003	.0071286	-.007279	-.000045
#3	.000290	2.770987	.8448320	.0065029	-.006586	.000293

Elem	Sr4077
Units	ppm
Avg	1.519874
Stddev	.001124
%RSD	.0739806

#1	1.519158
#2	1.519294
#3	1.521170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.372	31173.22	8961.821	886.4616	1758.221
Stddev	5.087	83.18	24.428	4.8811	5.351
%RSD	.3357131	.2668218	.2725731	.5506328	.3043482

#1	1519.628	31265.44	8976.482	890.9704	1762.776
#2	1516.750	31150.37	8933.622	887.1360	1759.560
#3	1509.737	31103.86	8975.359	881.2783	1752.328

Sample Name: M3233-04 Acquired: 08/13/2021 17:14:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689273	.0902251	.2862073	.2639260	.1883269	114.2534	4.548049
Stddev	.0043878	.0090308	.0042187	.0030246	.0017226	.3234	.004300
%RSD	6.365806	10.00917	1.473998	1.146000	.9147028	.2830465	.0945441

#1	.0649179	.0819750	.2877637	.2621132	.1902688	114.5336	4.551053
#2	.0736146	.0998735	.2814316	.2622471	.1877290	113.8995	4.549970
#3	.0682495	.0888268	.2894268	.2674176	.1869828	114.3271	4.543123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1067116	.1074367	137.9188	.4055794	1.086054	.8151177	276.5128
Stddev	.0004105	.0001019	.1347	.0006564	.002469	.0056248	1.4204
%RSD	.3847029	.0948830	.0976772	.1618343	.2273776	.6900645	.5136935

#1	.1071031	.1074728	137.8977	.4052292	1.083356	.8215040	277.2545
#2	.1062844	.1075157	138.0628	.4063366	1.086603	.8108998	274.8751
#3	.1067473	.1073217	137.7959	.4051723	1.088203	.8129492	277.4089

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.472281	62.88226	1.096948	.0999649	1.565455	1.078506	2.198731
Stddev	.006301	.40650	.002954	.0004436	.059578	.006081	.017776
%RSD	.1408996	.6464522	.2692496	.4437675	3.805817	.5638213	.8084670

#1	4.469790	63.02672	1.094777	.0995223	1.496704	1.078954	2.179425
#2	4.467606	62.42325	1.095755	.0999628	1.597715	1.072214	2.202347
#3	4.479448	63.19680	1.100311	.1004095	1.601948	1.084351	2.214421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.614696	7.895718	-.000948	.0029161	3.147352	7.655971	.0566948
Stddev	.057448	.034349	.003814	.0002807	.011984	.029714	.0026338
%RSD	2.197135	.4350276	402.4853	9.625691	.3807712	.3881105	4.645580

#1	2.572869	7.872028	.003059	.0029439	3.151868	7.635039	.0541956
#2	2.591021	7.880016	-.004535	.0031819	3.133766	7.642894	.0564436
#3	2.680199	7.935112	-.001367	.0026226	3.156422	7.689980	.0594452

Sample Name: M3233-04 Acquired: 08/13/2021 17:14:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BG2X2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.975946	.0601425	.0834345
Stddev	.018287	.0011359	.0013023
%RSD	.4599532	1.888766	1.560851

#1	3.995257	.0609169	.0829028
#2	3.958891	.0588384	.0849185
#3	3.973691	.0606721	.0824821

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.030	37155.03	10337.00	1046.543	2003.335
Stddev	1.595	94.67	34.17	4.077	3.016
%RSD	.0871742	.2548044	.3305702	.3896069	.1505653

#1	1828.199	37070.97	10314.20	1050.018	2000.093
#2	1831.121	37136.54	10376.29	1047.557	2003.852
#3	1830.769	37257.59	10320.52	1042.055	2006.059

Sample Name: CCV060 Acquired: 08/13/2021 17:19:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821922	4.718097	24.09303	4.767228	4.857599	414.3909	9.760556
Stddev	.005927	.003699	.08709	.008086	.009348	2.0565	.144099
%RSD	.1229269	.0784014	.3614763	.1696256	.1924411	.4962629	1.476343

#1	4.817559	4.717849	24.14172	4.763550	4.851105	416.1643	9.916778
#2	4.819537	4.714528	23.99248	4.776500	4.868313	414.8718	9.732050
#3	4.828671	4.721914	24.14488	4.761636	4.853379	412.1366	9.632840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4955022	2.413236	393.9028	14.31160	2.422065	14.77675	435.3352
Stddev	.0017116	.003774	.7831	.04126	.002915	.01612	1.1922
%RSD	.3454255	.1564044	.1988055	.2882646	.1203655	.1090588	.2738496

#1	.4972181	2.416282	393.2903	14.26443	2.420901	14.77256	436.7055
#2	.4954935	2.409013	394.7851	14.34098	2.419911	14.79455	434.7639
#3	.4937949	2.414413	393.6330	14.32938	2.425382	14.76314	434.5362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08703	414.4248	2.399127	1.211728	422.3970	2.494390	14.99248
Stddev	.05128	.8765	.002175	.003160	.2571	.003273	.04069
%RSD	.3640420	.2114958	.0906587	.2608087	.0608636	.1311946	.2713789

#1	14.02988	415.4098	2.400759	1.208198	422.6052	2.491687	14.95480
#2	14.12903	414.1334	2.396658	1.214295	422.4762	2.498028	14.98700
#3	14.10218	413.7310	2.399963	1.212690	422.1096	2.493454	15.03562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.5351	5.090349	4.936701	4.849417	4.956692	4.889662	4.864368
Stddev	.0885	.031237	.017223	.014265	.015519	.029420	.018661
%RSD	.0583710	.6136459	.3488673	.2941506	.3131014	.6016791	.3836303

#1	151.4670	5.115069	4.948724	4.833499	4.959061	4.902161	4.885778
#2	151.6351	5.100737	4.944408	4.861043	4.970890	4.910769	4.851553
#3	151.5032	5.055242	4.916971	4.853708	4.940124	4.856056	4.855773

Sample Name: CCV060 Acquired: 08/13/2021 17:19:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.998126	5.025080	4.692131
Stddev	.007020	.015099	.055384
%RSD	.1404557	.3004670	1.180362

#1	5.000992	5.042032	4.749568
#2	5.003260	5.020129	4.687765
#3	4.990127	5.013078	4.639058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.693	29482.01	8460.460	783.7261	1676.718
Stddev	1.949	97.10	20.115	1.2862	3.314
%RSD	.1409904	.3293538	.2377584	.1641193	.1976236

#1	1384.387	29551.11	8437.245	784.5287	1673.137
#2	1380.562	29523.94	8471.403	784.4072	1679.675
#3	1383.130	29371.00	8472.731	782.2426	1677.343

Sample Name: CCB060 Acquired: 08/13/2021 17:23:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018653	.0006040	.0009043	.0015978	.0025542	.0039084	-.004825
Stddev	.0032989	.0010087	.0003669	.0033023	.0035703	.0045084	.000584
%RSD	176.8524	166.9938	40.57174	206.6747	139.7836	115.3533	12.11474

#1	-.001388	.0013987	.0010382	-.001856	.0020900	.0088515	-.004206
#2	.005208	.0009441	.0011853	.001926	.0063339	.0028513	-.004901
#3	.001775	-.000531	.0004892	.004724	-.000761	.0000224	-.005368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	.0000871	.0138655	.0003752	.0004067	.0019252	.0183246
Stddev	.000086	.0001144	.0098005	.0003374	.0002871	.0016641	.0011225
%RSD	134.3862	131.3204	70.68259	89.92591	70.59338	86.43443	6.125697

#1	-.000164	.0002087	.0238410	.0007643	.0007151	.0016141	.0172869
#2	-.000017	-.000018	.0135055	.0001644	.0003578	.0004387	.0181708
#3	-.000012	.000071	.0042499	.0001968	.0001472	.0037229	.0195160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005765	.0192310	.0001363	.0002770	-.394792	.0014711	.0017141
Stddev	.0001686	.0127224	.0001925	.0004416	.285472	.0019834	.0013121
%RSD	29.24066	66.15551	141.3081	159.3966	72.30956	134.8238	76.54753

#1	.0007683	.0234671	.0001047	.0006055	-.248572	.0037613	.0003881
#2	.0004517	.0049310	.0003426	-.000225	-.723751	.0003343	.0017425
#3	.0005096	.0292949	-.000039	.000451	-.212051	.0003177	.0030119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3716648	.0011403	.0095459	.0011661	-.001211	-.001836	.0010298
Stddev	.0310992	.0035635	.0010031	.0001224	.003674	.002031	.0040405
%RSD	8.367535	312.4989	10.50848	10.50112	303.3535	110.6286	392.3651

#1	.3899645	-.001999	.0086714	.0010699	-.000308	-.000257	.0025173
#2	.3892731	.005014	.0106410	.0011244	-.005252	-.004127	.0041155
#3	.3357567	.000406	.0093254	.0013039	.001927	-.001123	-.003544

Sample Name: CCB060 Acquired: 08/13/2021 17:23:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1545) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB060 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008414	.0041100	.0000956
Stddev	.0011608	.0019370	.0000515
%RSD	137.9499	47.12897	53.83560

#1	.0021563	.0061407	.0001542
#2	-.000041	.0039067	.0000750
#3	.000409	.0022827	.0000577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.393	32199.67	8903.527	926.8771	2095.856
Stddev	3.153	68.72	4.971	1.7778	5.498
%RSD	.1938346	.2134295	.0558372	.1918033	.2623217

#1	1622.781	32226.52	8905.249	926.4346	2089.557
#2	1628.591	32250.93	8897.924	928.8344	2099.692
#3	1627.807	32121.58	8907.409	925.3624	2098.319