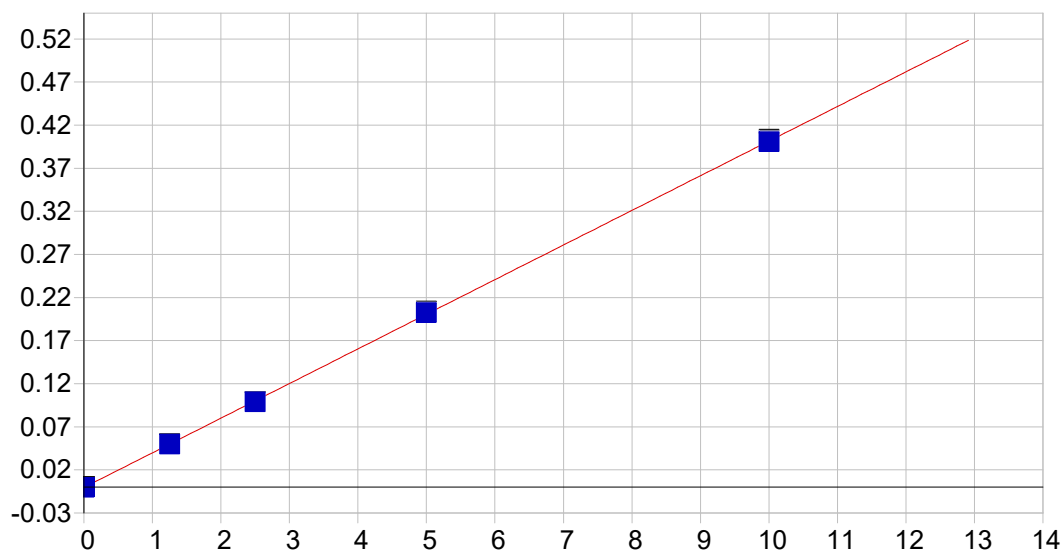


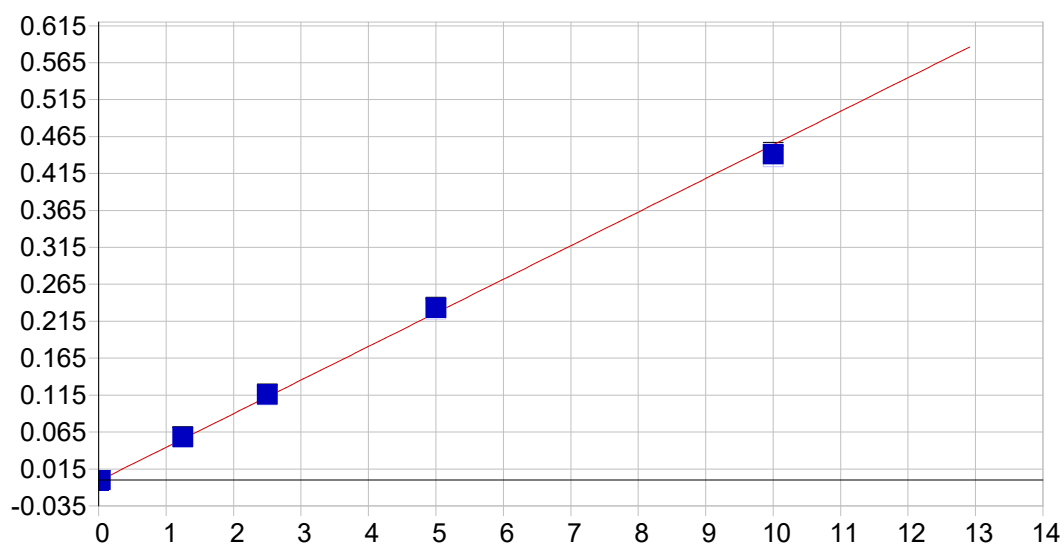


As 189.042 {479}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000357 Re-Slope: 1.000000
 A1 (Gain): 0.040185 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.004823
 Predicted MQL: 0.016077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.01000	.01251	.003	25.1	.00015	.000	1
S2	1.2500	1.2489	-.001	-.084	.04996	.000	1
S3	2.5000	2.4658	-.034	-1.37	.09899	.000	1
S4	5.0000	5.0478	.048	.956	.20301	.001	1
S5	10.000	9.9850	-.015	-.150	.40194	.002	1

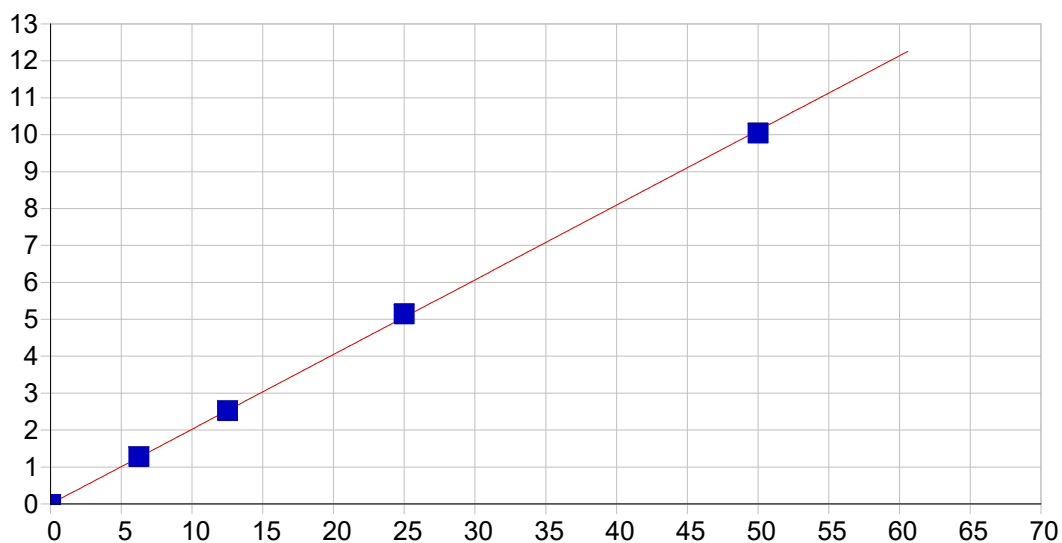


TI 190.856 {477}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001151 Re-Slope: 1.000000
 A1 (Gain): 0.045488 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.004235
 Predicted MQL: 0.014116

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00115	.000	1
S1	.02500	.02641	.001	5.65	-.00000	.000	1
S2	1.2500	1.3048	.055	4.39	.05769	.001	1
S3	2.5000	2.5708	.071	2.83	.11476	.001	1
S4	5.0000	5.1481	.148	2.96	.23096	.001	1
S5	10.000	9.7248	-.275	-2.75	.43707	.003	1

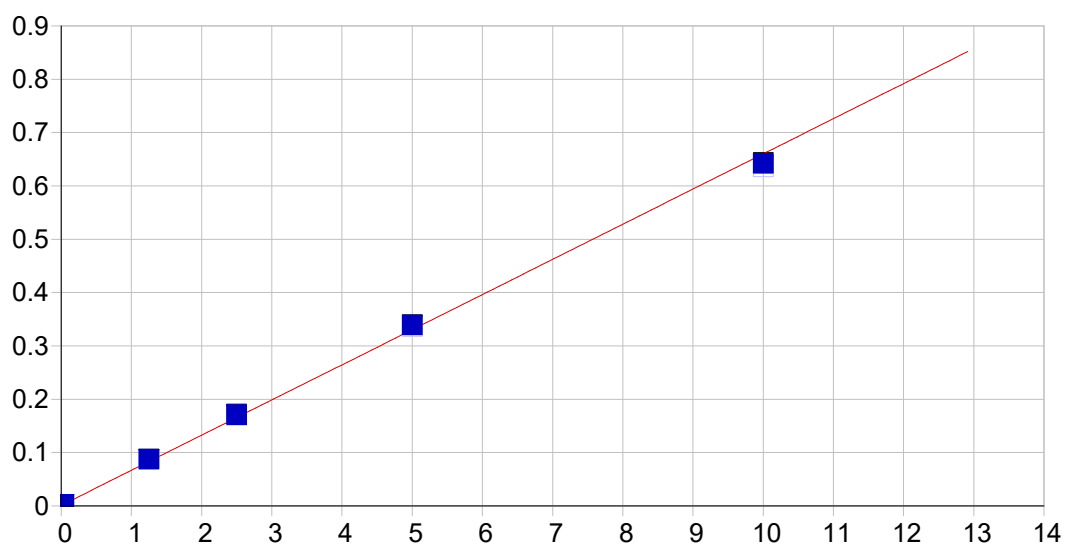


Pb 220.353 {453}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000273 Re-Slope: 1.000000
 A1 (Gain): 0.202290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.002232
 Predicted MQL: 0.007439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.01000	.00981	-.000	-1.89	.00226	.000	1
S2	6.2500	6.2879	.038	.606	1.2728	.001	1
S3	12.500	12.449	-.051	-.404	2.5198	.003	1
S4	25.000	25.403	.403	1.61	5.1414	.004	1
S5	50.000	49.610	-.390	-.781	10.040	.005	1

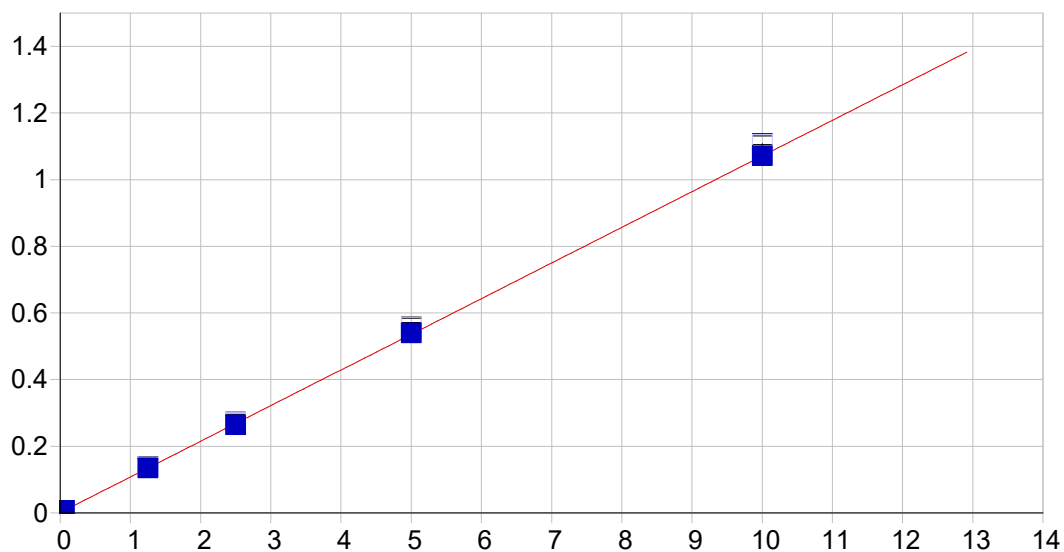


Se 196.090 {472}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000831	Re-Slope:	1.000000
A1 (Gain):	0.065917	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999538	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.003723		
Predicted MQL:	0.012411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00083	.000	1
S1	.03500	.03788	.003	8.22	.00333	.000	1
S2	1.2500	1.3127	.063	5.02	.08659	.000	1
S3	2.5000	2.5806	.081	3.23	.16940	.001	1
S4	5.0000	5.1305	.130	2.61	.33593	.001	1
S5	10.000	9.7233	-.277	-2.77	.63560	.002	1

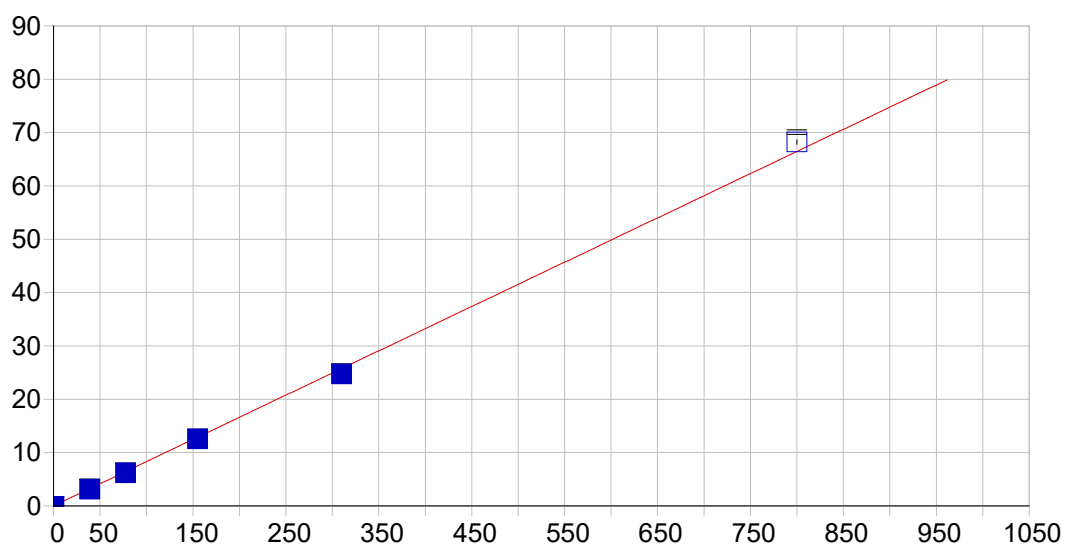


Sb 206.833 {463}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000883 Re-Slope: 1.000000
 A1 (Gain): 0.107013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002551
 Predicted MQL: 0.008502

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00088	.000	1
S1	.06000	.05991	-.000	-.156	.00729	.000	1
S2	1.2500	1.2468	-.003	-.253	.13839	.000	1
S3	2.5000	2.4574	-.043	-1.70	.27202	.001	1
S4	5.0000	5.0350	.035	.700	.55602	.001	1
S5	10.000	10.011	.011	.109	1.1048	.004	1

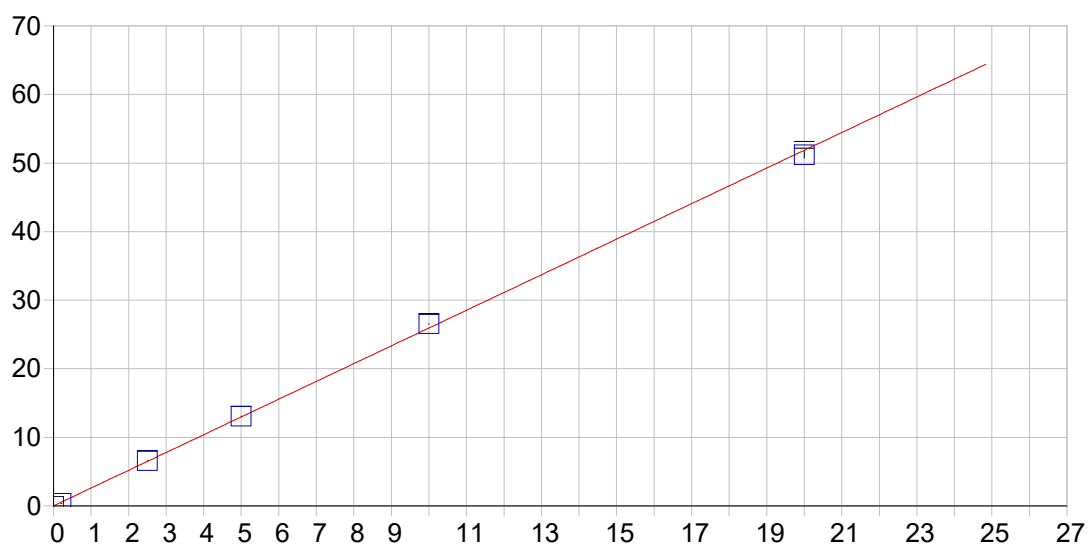


AI 396.152 { 85}

Date of Fit: 05/21/2021 13:13:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004123 Re-Slope: 1.000000
A1 (Gain): 0.083071 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999515 Status: OK.
Std Error of Est: 0.001609
Predicted MDL: 0.011178
Predicted MQL: 0.037262

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00413	.001	1
S1	.20000	.19844	-.002	-.782	.02063	.000	1
S2	38.750	37.402	-1.35	-3.48	3.1145	.010	1
S3	77.500	74.191	-3.31	-4.27	6.1740	.028	1
S4	155.00	151.20	-3.80	-2.45	12.578	.013	1
S5	310.00	297.45	-12.5	-4.05	24.741	.040	1
S6	800.00	821.02	21.0	2.63	68.208	.404	1

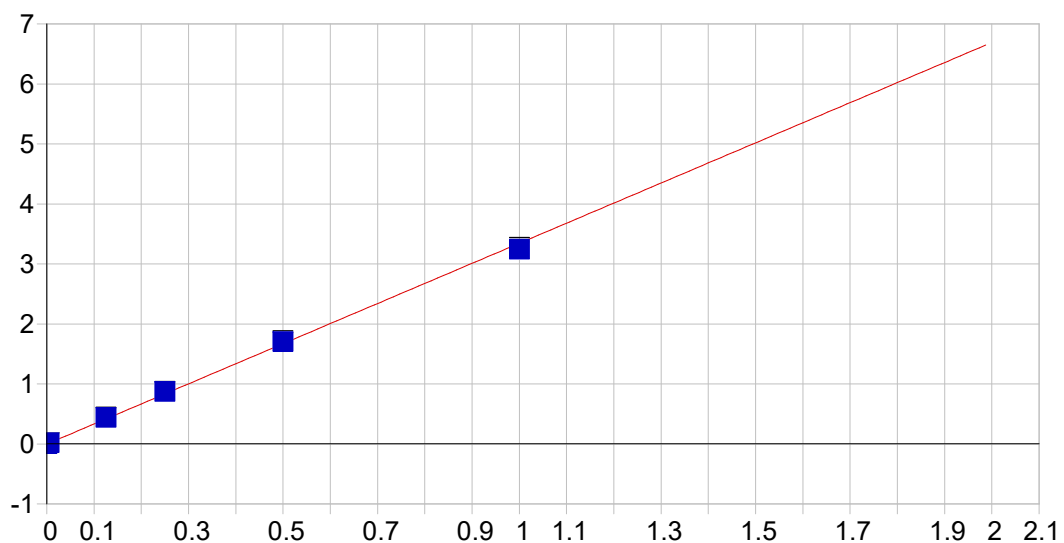


Ba 493.409 { 68}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012230 Re-Slope: 1.000000
 A1 (Gain): 2.592516 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999647 Status: OK.
 Std Error of Est: 0.007328
 Predicted MDL: 0.000965
 Predicted MQL: 0.003215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.01237	.001	1
S1	.20000	.14144	-.059	-29.3	.37890	.001	1
S2	2.5000	2.5318	.032	1.27	6.5760	.004	1
S3	5.0000	5.0385	.038	.770	13.075	.013	1
S4	10.000	10.238	.238	2.38	26.555	.043	1
S5	20.000	19.750	-.250	-1.25	51.215	.487	1

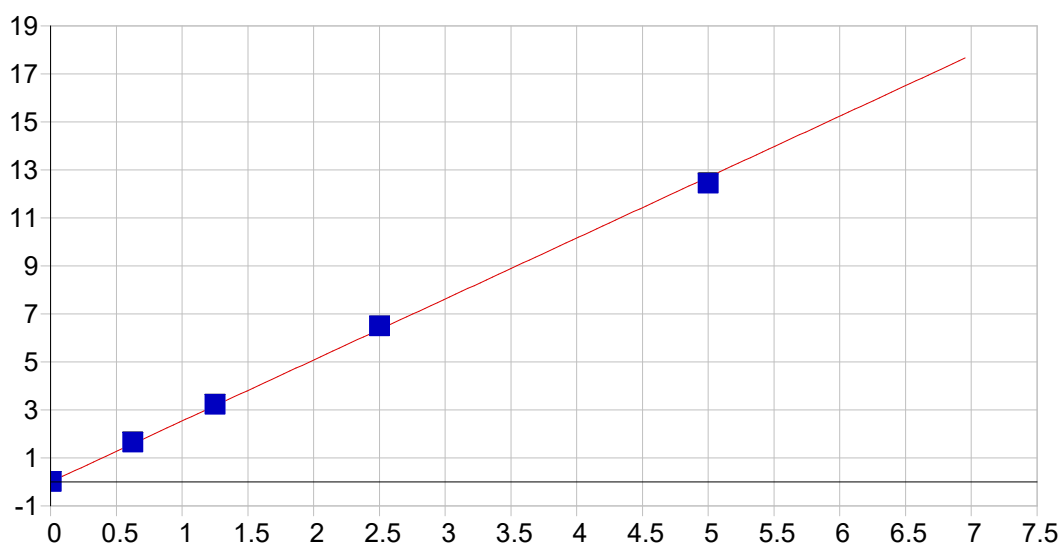


Be 234.861 {144}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002744 Re-Slope: 1.000000
 A1 (Gain): 3.346826 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999416 Status: OK.
 Std Error of Est: 0.000428
 Predicted MDL: 0.000104
 Predicted MQL: 0.000346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00275	.000	1
S1	.00500	.00576	.001	15.3	.01654	.000	1
S2	.12500	.13228	.007	5.82	.43888	.004	1
S3	.25000	.26139	.011	4.56	.86993	.003	1
S4	.50000	.51061	.011	2.12	1.7019	.015	1
S5	1.0000	.96996	-.030	-3.00	3.2349	.036	1

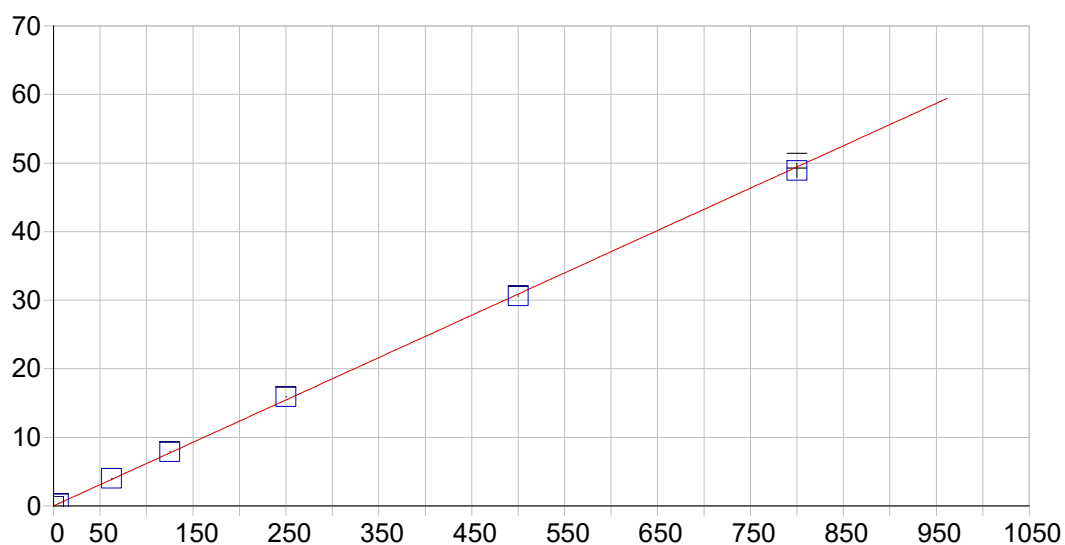


Cd 214.438 {457}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000
 A1 (Gain): 2.540043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999735 Status: OK.
 Std Error of Est: 0.000491
 Predicted MDL: 0.000122
 Predicted MQL: 0.000406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.00500	.00561	.001	12.3	.01418	.001	1
S2	.62500	.65086	.026	4.14	1.6563	.002	1
S3	1.2500	1.2712	.021	1.70	3.2351	.002	1
S4	2.5000	2.5570	.057	2.28	6.5073	.004	1
S5	5.0000	4.8954	-.105	-2.09	12.459	.019	1

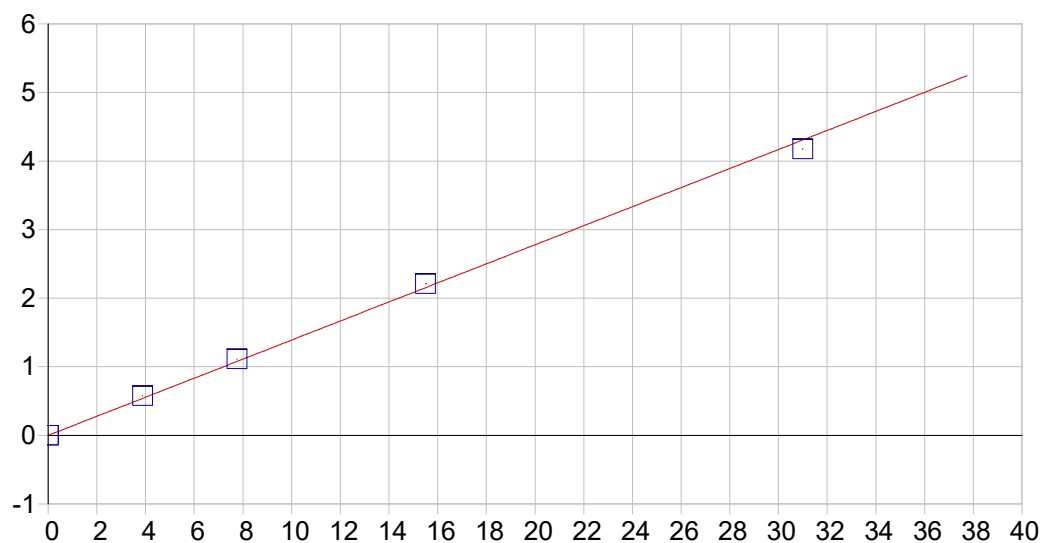


Ca 373.690 { 90}

Date of Fit: 05/21/2021 13:13:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002272 Re-Slope: 1.000000
 A1 (Gain): 0.061787 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.003902
 Predicted MDL: 0.013729
 Predicted MQL: 0.045762

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00089	-.001	.000	.00222	.001	1
S1	5.0000	5.5417	.542	10.8	.34467	.001	1
S2	62.500	64.729	2.23	3.57	4.0017	.002	1
S3	125.00	127.86	2.86	2.29	7.9025	.003	1
S4	250.00	257.60	7.60	3.04	15.919	.016	1
S5	500.00	495.37	-4.63	-.927	30.609	.048	1
S6	800.00	791.40	-8.60	-1.07	48.900	1.09	1

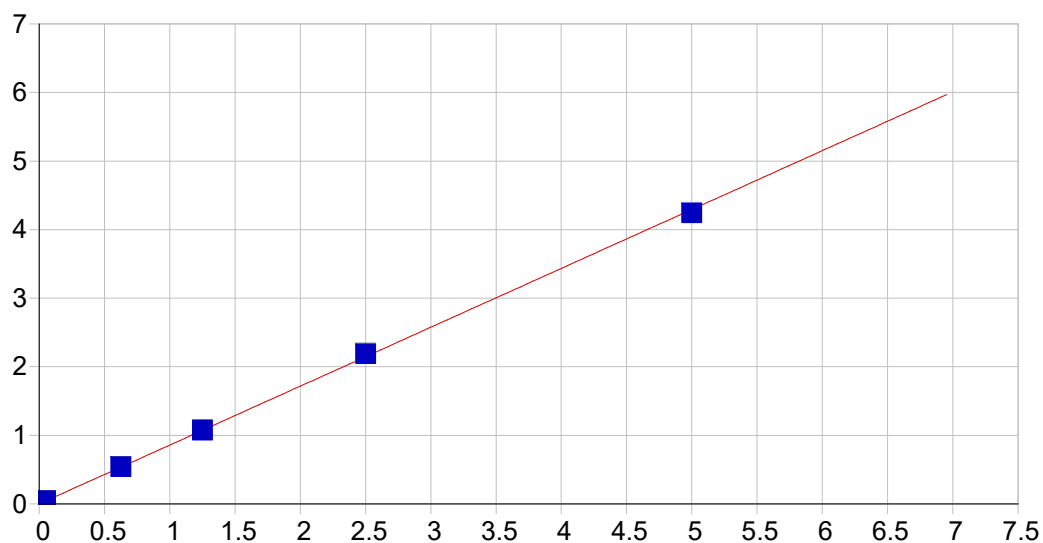


Cr 267.716 {126}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.138959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999423 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.000761
 Predicted MQL: 0.002535

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.01000	.01130	.001	13.0	.00149	.000	1
S2	3.8750	4.1482	.273	7.05	.57636	.001	1
S3	7.7500	8.0055	.255	3.30	1.1124	.001	1
S4	15.500	15.910	.410	2.64	2.2107	.001	1
S5	31.000	30.060	-.940	-3.03	4.1771	.005	1

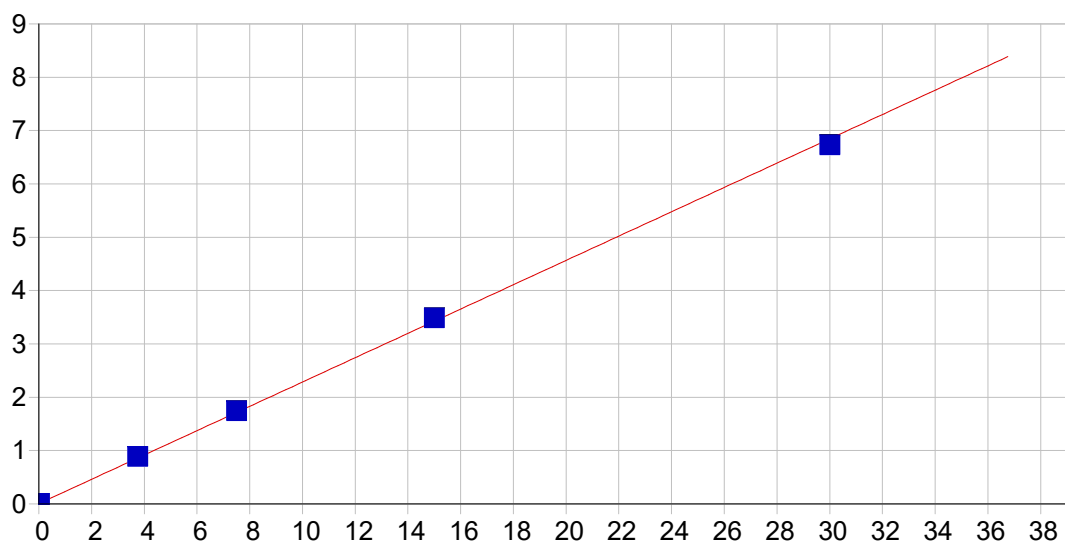


Co 228.616 {448}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000044	Re-Slope:	1.000000
A1 (Gain):	0.858635	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.000323		
Predicted MDL:	0.000362		
Predicted MQL:	0.001208		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.05000	.05190	.002	3.80	.04475	.000	1
S2	.62500	.63136	.006	1.02	.54296	.001	1
S3	1.2500	1.2490	-.001	-.083	1.0741	.002	1
S4	2.5000	2.5514	.051	2.06	2.1940	.002	1
S5	5.0000	4.9414	-.059	-1.17	4.2493	.001	1

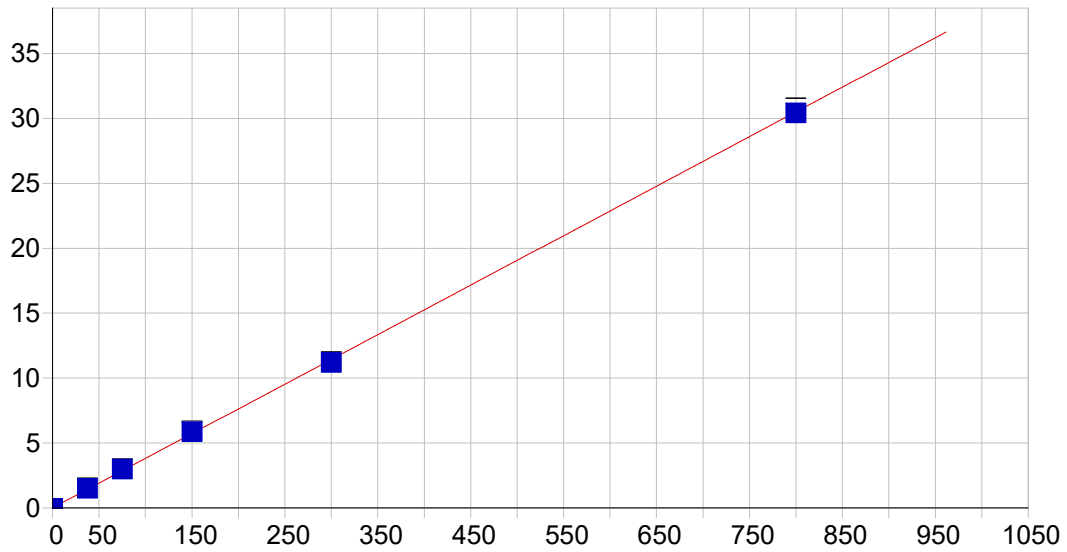


Cu 324.754 {104}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005128	Re-Slope:	1.000000
A1 (Gain):	0.228019	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999830	Status:	OK.
Std Error of Est:	0.000193		
Predicted MDL:	0.002609		
Predicted MQL:	0.008697		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00513	.000	1
S1	.02500	.02168	-.003	-13.3	.01006	.000	1
S2	3.7500	3.8597	.110	2.92	.88405	.002	1
S3	7.5000	7.6227	.123	1.64	1.7409	.005	1
S4	15.000	15.274	.274	1.83	3.4833	.006	1
S5	30.000	29.497	-.503	-1.68	6.7217	.002	1

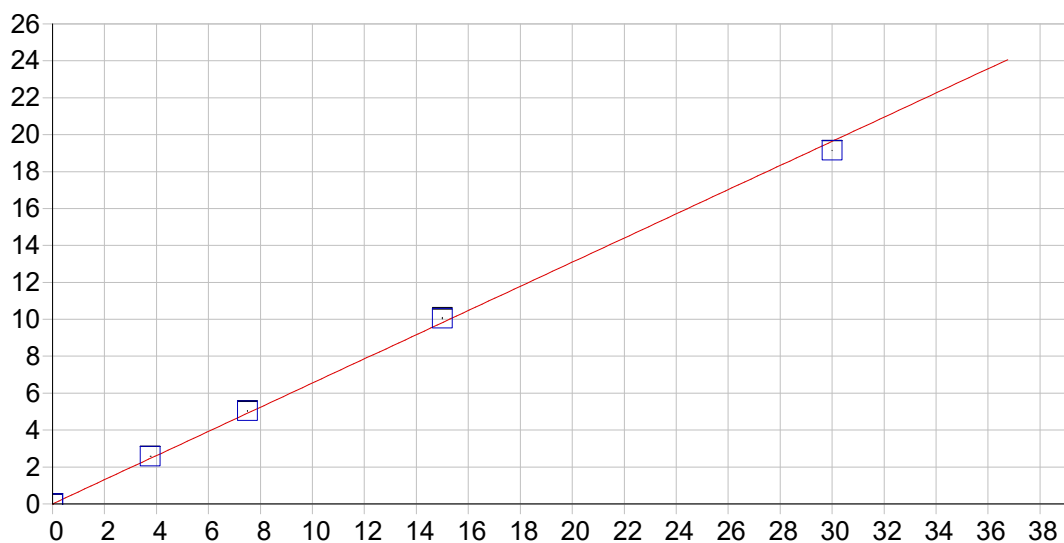


Fe 259.837 {130}

Date of Fit: 05/21/2021 13:13:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000843 Re-Slope: 1.000000
 A1 (Gain): 0.038122 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000301
 Predicted MDL: 0.007959
 Predicted MQL: 0.026530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00084	.000	1
S1	.10000	.10975	.010	9.75	.00504	.000	1
S2	37.500	39.372	1.87	4.99	1.5035	.015	1
S3	75.000	77.888	2.89	3.85	2.9735	.028	1
S4	150.00	153.94	3.94	2.63	5.8762	.040	1
S5	300.00	293.76	-6.24	-2.08	11.213	.049	1
S6	800.00	797.52	-2.48	-.309	30.425	.388	1

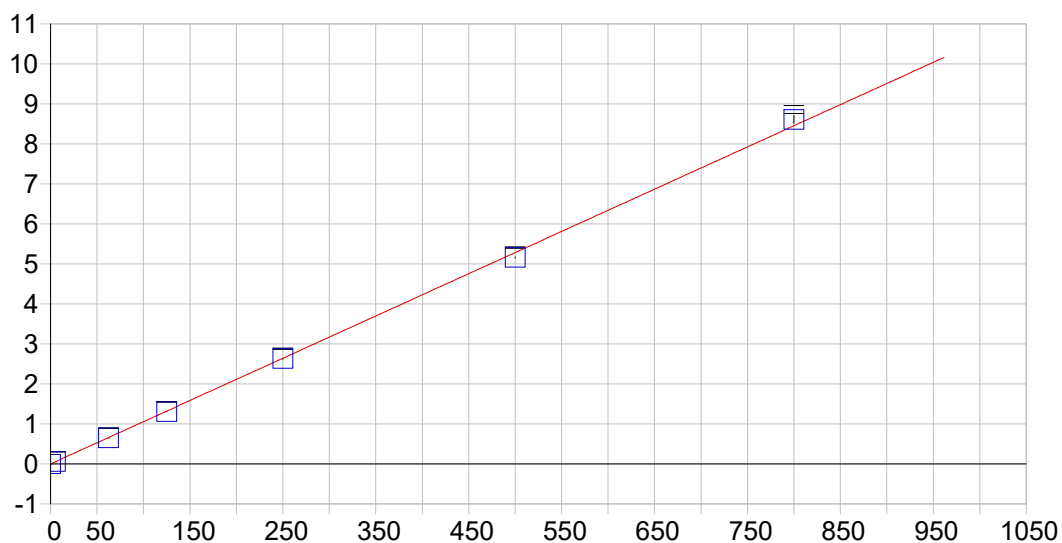


Mn 257.610 {131}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000647 Re-Slope: 1.000000
 A1 (Gain): 0.654621 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999617 Status: OK.
 Std Error of Est: 0.000644
 Predicted MDL: 0.000467
 Predicted MQL: 0.001557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.01500	.01707	.002	13.8	.01182	.000	1
S2	3.7500	3.9424	.192	5.13	2.5814	.003	1
S3	7.5000	7.6969	.197	2.63	5.0392	.030	1
S4	15.000	15.363	.363	2.42	10.058	.042	1
S5	30.000	29.246	-.754	-2.51	19.146	.016	1

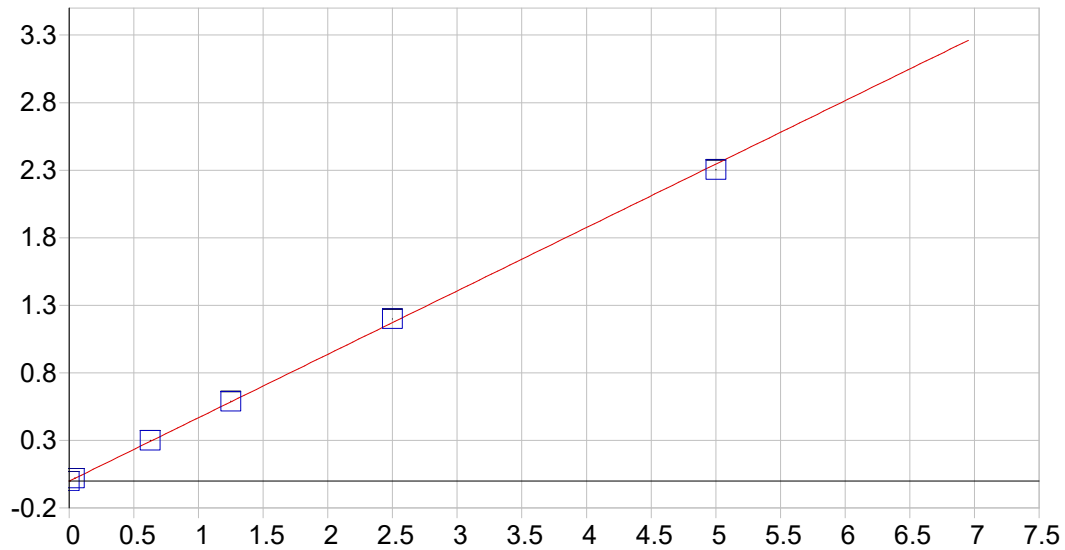


Mg 279.079 {121}

Date of Fit: 05/21/2021 13:13:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000341 Re-Slope: 1.000000
 A1 (Gain): 0.010568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000696
 Predicted MDL: 0.030176
 Predicted MQL: 0.100587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	-.00034	.000	1
S1	5.0000	5.4129	.413	8.26	.05686	.001	1
S2	62.500	61.326	-1.17	-1.88	.64776	.004	1
S3	125.00	123.53	-1.47	-1.18	1.3051	.009	1
S4	250.00	249.28	-.720	-.288	2.6341	.015	1
S5	500.00	488.27	-11.7	-2.35	5.1598	.013	1
S6	800.00	814.68	14.7	1.84	8.6093	.100	1

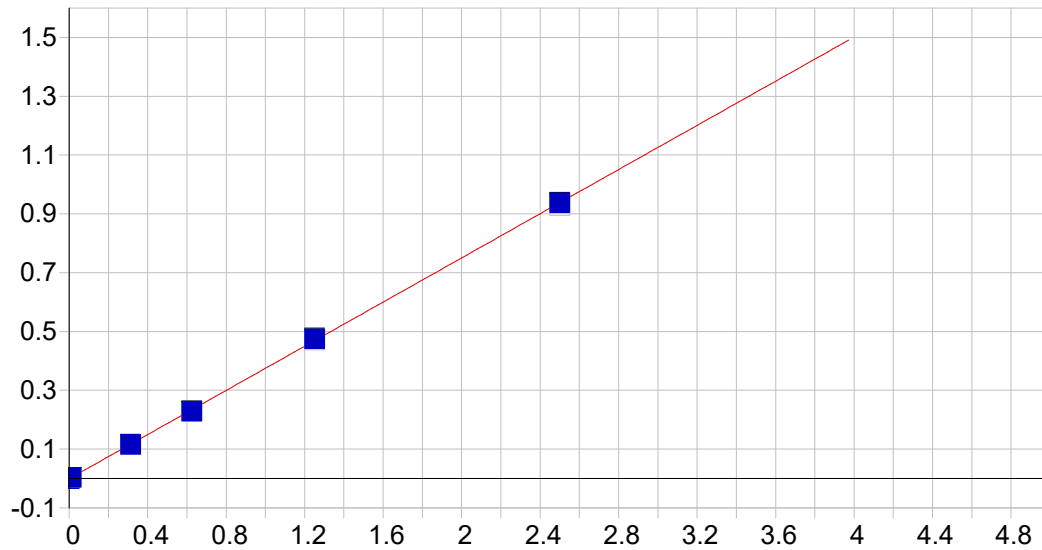


Ni 231.604 {446}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001739	Re-Slope:	1.000000
A1 (Gain):	0.469364	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999789	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.000676		
Predicted MQL:	0.002254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00174	.000	1
S1	.04000	.04506	.005	12.6	.01941	.000	1
S2	.62500	.64129	.016	2.61	.29926	.000	1
S3	1.2500	1.2582	.008	.657	.58882	.002	1
S4	2.5000	2.5578	.058	2.31	1.1988	.001	1
S5	5.0000	4.9127	-.087	-1.75	2.3041	.002	1

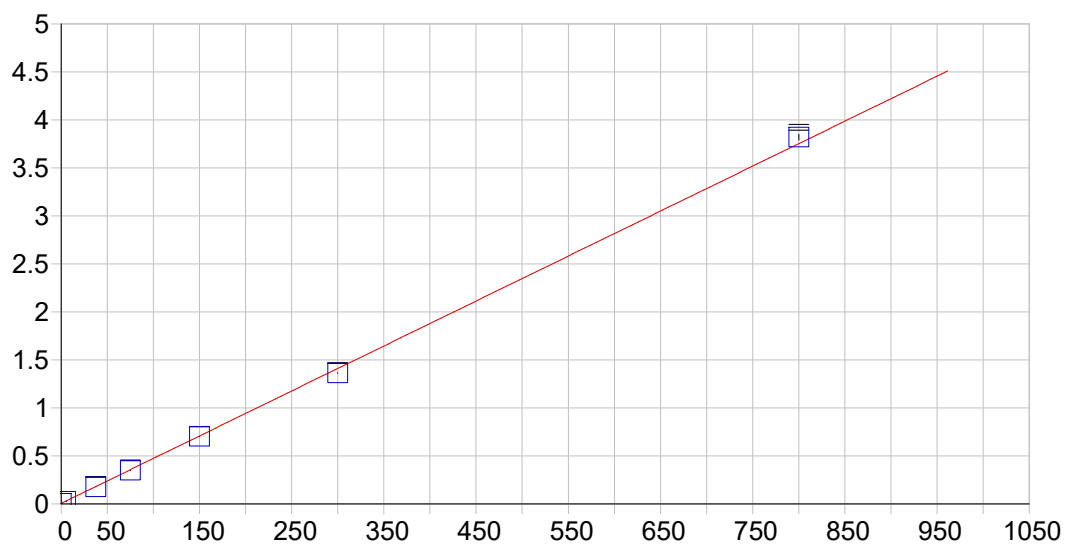


Ag 328.068 {103}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000776 Re-Slope: 1.000000
 A1 (Gain): 0.375544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.000524
 Predicted MQL: 0.001748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.01000	.01014	.000	1.44	.00301	.000	1
S2	.31250	.30981	-.003	-.859	.11432	.001	1
S3	.62500	.61202	-.013	-2.08	.22656	.001	1
S4	1.2500	1.2669	.017	1.35	.47000	.002	1
S5	2.5000	2.4986	-.001	-.055	.92758	.002	1

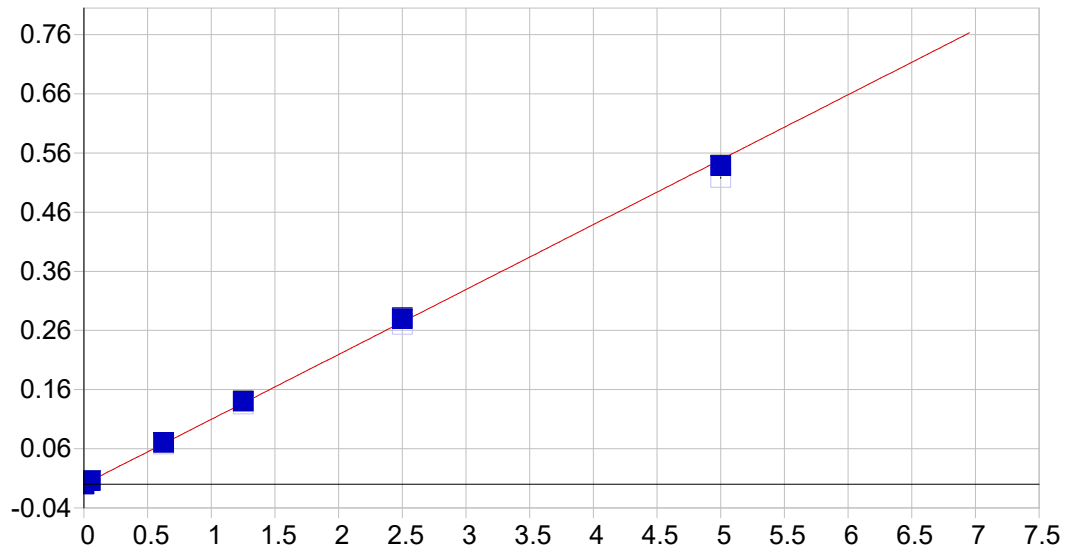


Na 818.326 { 41}

Date of Fit: 05/21/2021 13:13:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005803	Re-Slope:	1.000000
A1 (Gain):	0.004684	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999742	Status:	OK.
Std Error of Est:	0.000329		
Predicted MDL:	0.329780		
Predicted MQL:	1.099265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00078	.001	.000	.00581	.001	1
S1	5.0000	4.5584	-.442	-8.83	.02715	.001	1
S2	37.500	36.619	-.881	-2.35	.17732	.002	1
S3	75.000	73.591	-1.41	-1.88	.35048	.003	1
S4	150.00	148.77	-1.23	-.820	.70260	.002	1
S5	300.00	289.70	-10.3	-3.43	1.3627	.003	1
S6	800.00	814.26	14.3	1.78	3.8196	.029	1

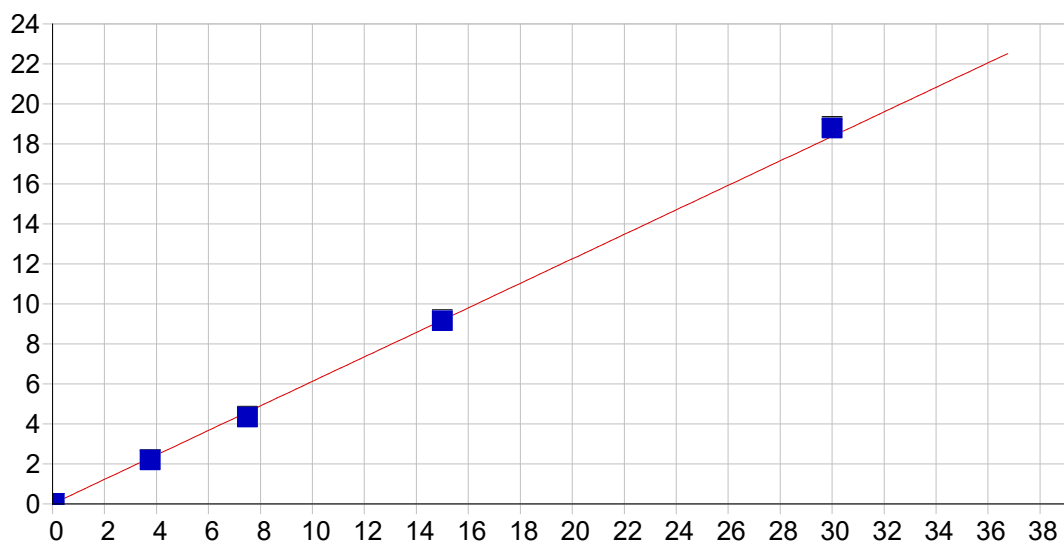


V 292.402 {115}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000084 Re-Slope: 1.000000
 A1 (Gain): 0.109759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.003508
 Predicted MQL: 0.011693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.05000	.05339	.003	6.78	.00576	.001	1
S2	.62500	.63957	.015	2.33	.06759	.000	1
S3	1.2500	1.2770	.027	2.16	.13503	.001	1
S4	2.5000	2.5501	.050	2.00	.26971	.002	1
S5	5.0000	4.9048	-.095	-1.90	.51807	.001	1

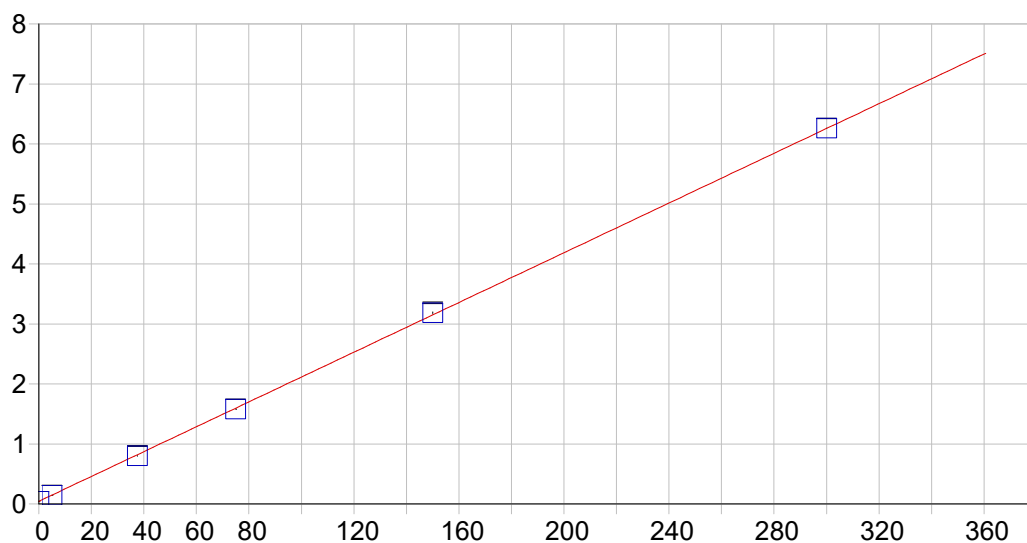


Zn 213.856 {158}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000952 Re-Slope: 1.000000
 A1 (Gain): 0.612542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999583 Status: OK.
 Std Error of Est: 0.001260
 Predicted MDL: 0.001606
 Predicted MQL: 0.005353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00096	.001	1
S1	.06000	.05780	-.002	-3.66	.03647	.001	1
S2	3.7500	3.5668	-.183	-4.88	2.1876	.023	1
S3	7.5000	7.0796	-.420	-5.61	4.3411	.035	1
S4	15.000	14.950	-.050	-.331	9.1659	.042	1
S5	30.000	30.655	.655	2.18	18.793	.070	1

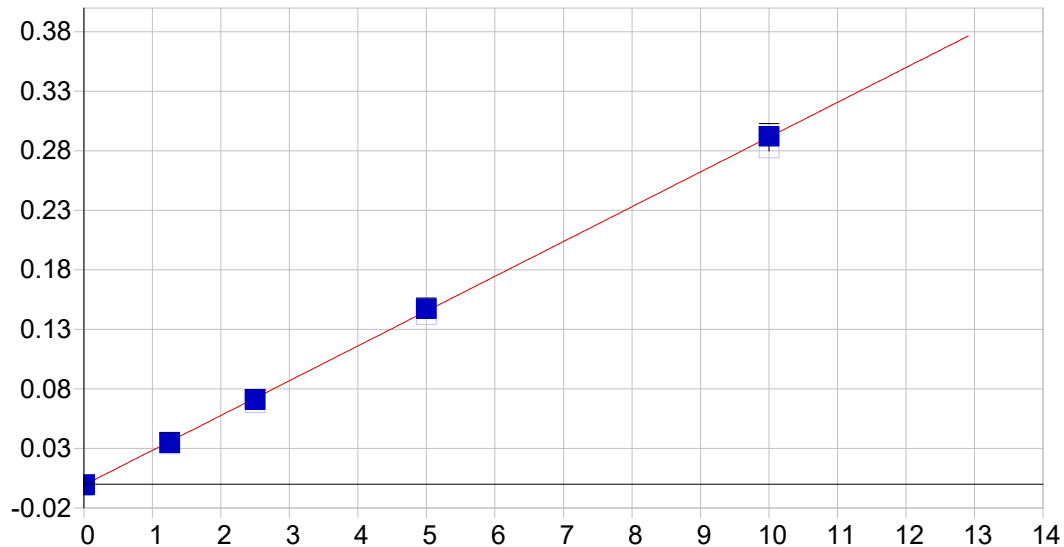


K 769.896 { 44 }

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.043291	Re-Slope:	1.000000
A1 (Gain):	0.020713	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000415		
Predicted MDL:	0.076075		
Predicted MQL:	0.253583		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00025	.000	.000	.04330	.000	1
S1	5.0000	4.8656	-.134	-2.69	.14407	.001	1
S2	37.500	36.627	-.873	-2.33	.80193	.005	1
S3	75.000	74.148	-.852	-1.14	1.5791	.002	1
S4	150.00	151.72	1.72	1.15	3.1859	.013	1
S5	300.00	300.14	.137	.046	6.2599	.002	1

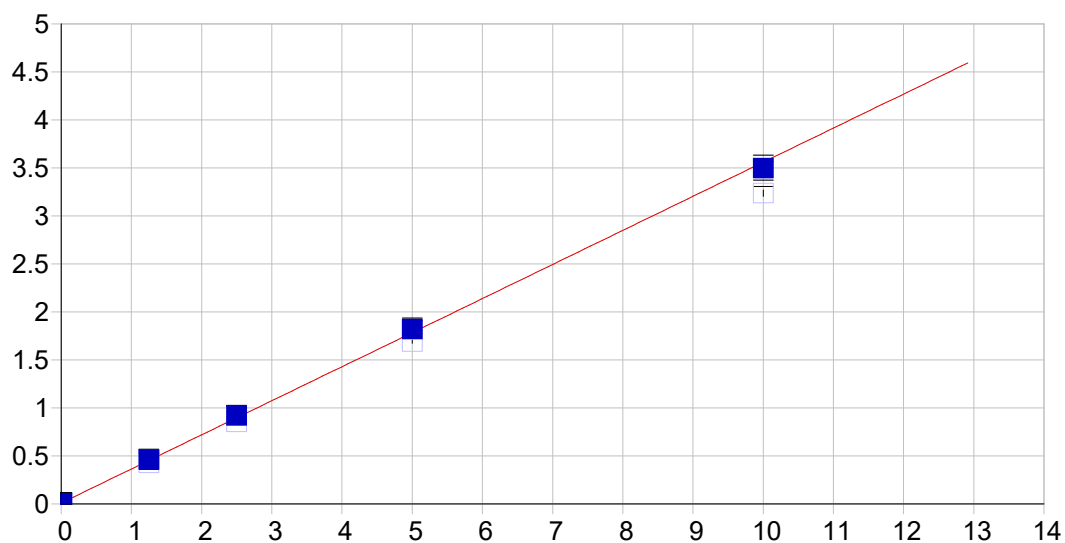


P 177.495 {490}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000810 Re-Slope: 1.000000
 A1 (Gain): 0.029234 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.004460
 Predicted MQL: 0.014865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.01000	.00737	-.003	-26.3	-.00060	.000	1
S2	1.2500	1.2150	-.035	-2.80	.03346	.000	1
S3	2.5000	2.4491	-.051	-2.04	.06828	.000	1
S4	5.0000	5.0655	.065	1.31	.14226	.001	1
S5	10.000	10.023	.023	.231	.28218	.002	1

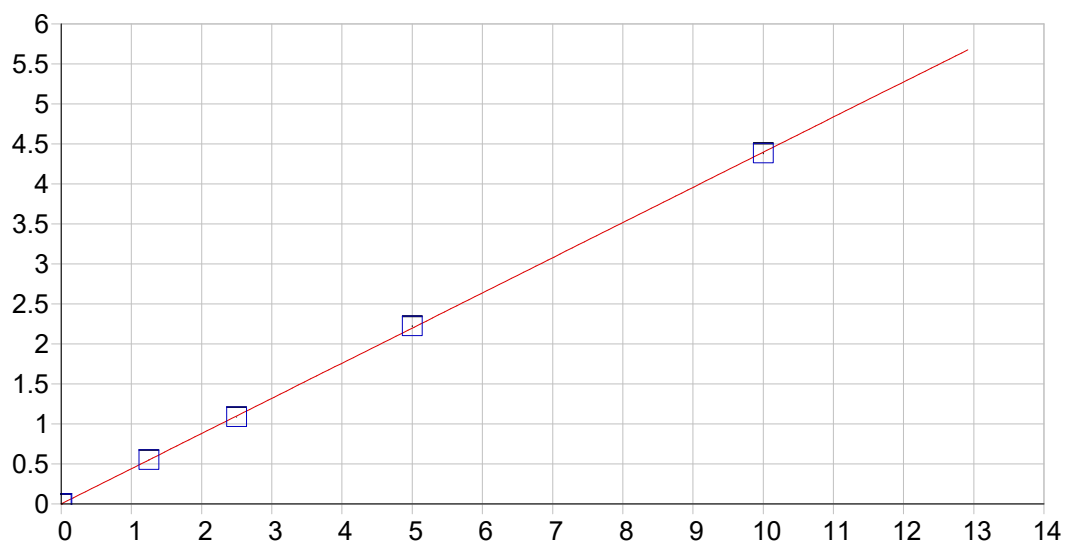


B 249.678 {135}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009056 Re-Slope: 1.000000
 A1 (Gain): 0.355004 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.001212
 Predicted MQL: 0.004040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00906	.000	1
S1	.01000	.00680	-.003	-32.0	.01142	.000	1
S2	1.2500	1.2711	.021	1.69	.42784	.006	1
S3	2.5000	2.5643	.064	2.57	.85446	.003	1
S4	5.0000	5.0974	.097	1.95	1.6888	.015	1
S5	10.000	9.8207	-.179	-1.79	3.2357	.033	1

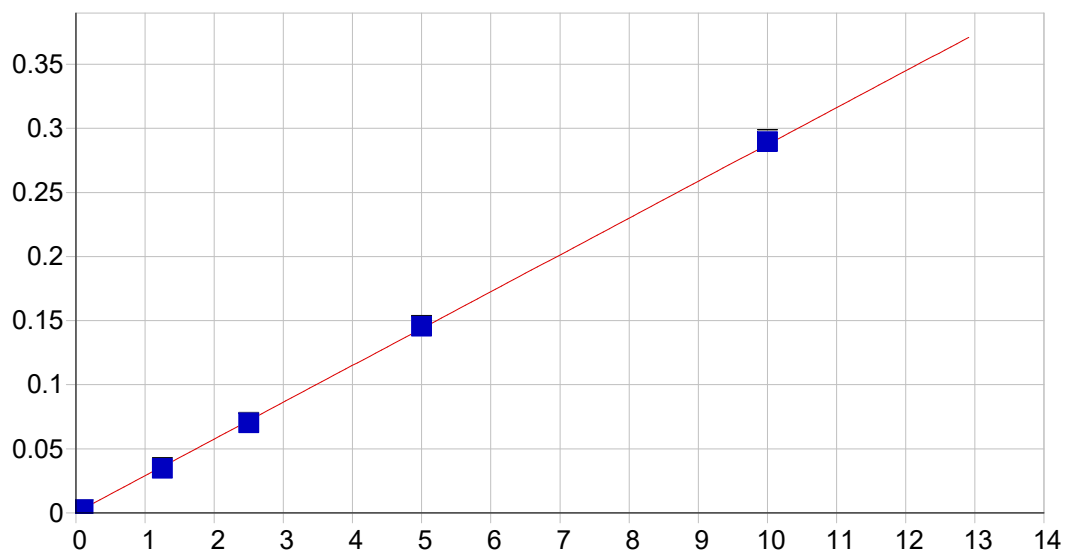


Mo 202.030 {467}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000540 Re-Slope: 1.000000
 A1 (Gain): 0.439506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.000549
 Predicted MQL: 0.001829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00054	.000	1
S1	.01000	.01087	.001	8.67	.00532	.000	1
S2	1.2500	1.2516	.002	.127	.55062	.002	1
S3	2.5000	2.4706	-.029	-1.18	1.0864	.002	1
S4	5.0000	5.0562	.056	1.12	2.2228	.005	1
S5	10.000	9.9707	-.029	-.293	4.3827	.008	1

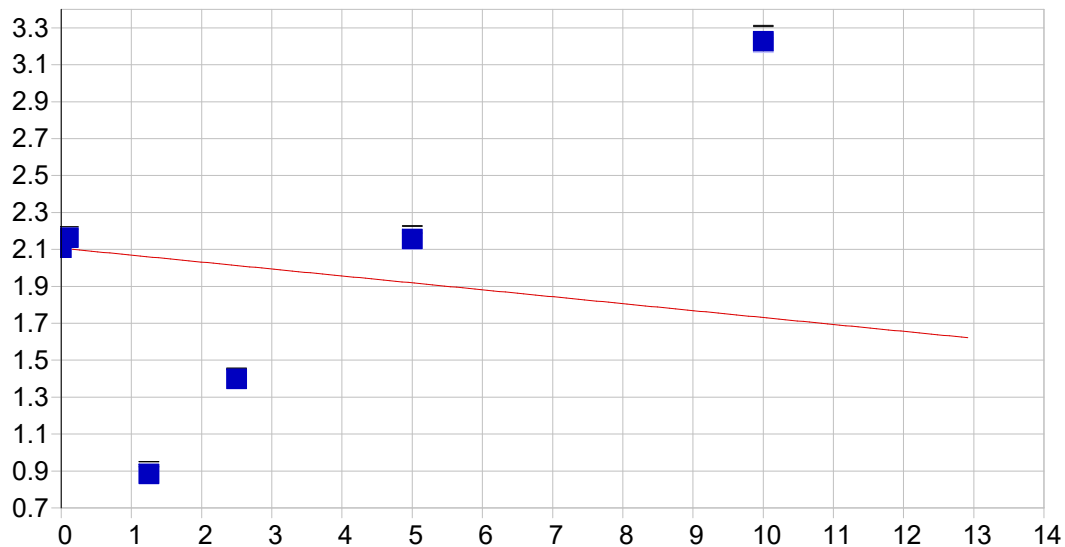


S 182.034 {485}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000229	Re-Slope:	1.000000
A1 (Gain):	0.028721	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999747	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.005784		
Predicted MQL:	0.019281		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00023	.000	1
S1	.10000	.07839	-.022	-21.6	.00248	.000	1
S2	1.2500	1.2001	-.050	-3.99	.03469	.001	1
S3	2.5000	2.4370	-.063	-2.52	.07021	.000	1
S4	5.0000	5.0606	.061	1.21	.14555	.001	1
S5	10.000	10.074	.074	.739	.28953	.002	1

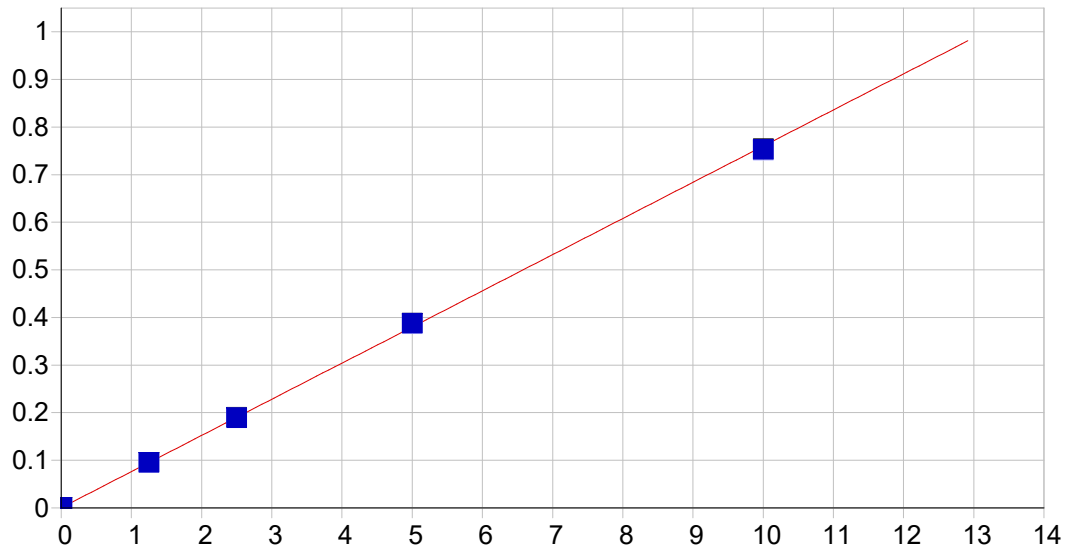


Si 251.611 {134}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.106438 Re-Slope: 1.000000
 A1 (Gain): -0.037533 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.133209 Status: Warning Negative Gain
 Std Error of Est: 0.015128
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00106	-.001	.000	2.1065	.013	1
S1	.10000	-1.4764	-1.58	-1580.	2.1618	.007	1
S2	1.2500	32.583	31.3	2510.	.88260	.014	1
S3	2.5000	18.884	16.4	655.	1.3958	.005	1
S4	5.0000	-1.3194	-6.32	-126.	2.1523	.019	1
S5	10.000	-29.834	-39.8	-398.	3.2189	.034	1

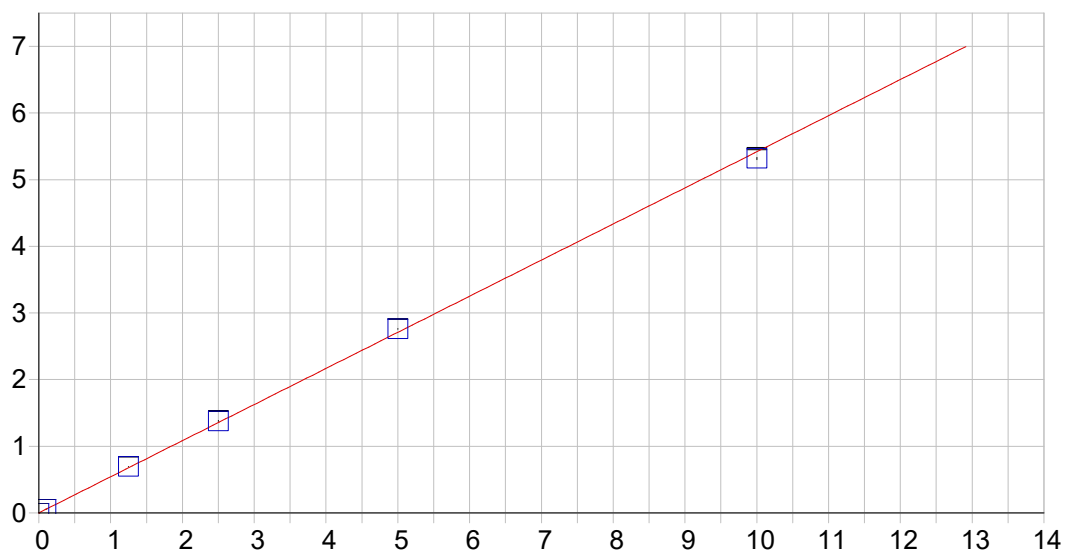


Sn 189.989 {478}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000280 Re-Slope: 1.000000
 A1 (Gain): 0.075961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001914
 Predicted MQL: 0.006381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.00700	.00571	-.001	-18.4	.00070	.000	1
S2	1.2500	1.2516	.002	.126	.09509	.000	1
S3	2.5000	2.4918	-.008	-.327	.18905	.001	1
S4	5.0000	5.0981	.098	1.96	.38650	.000	1
S5	10.000	9.9098	-.090	-.902	.75098	.001	1

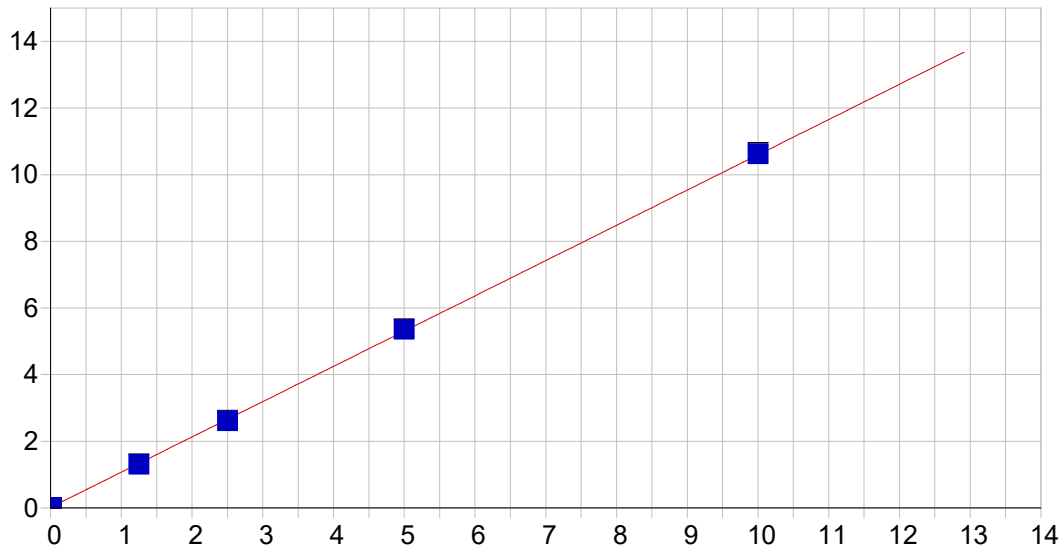


Ti 336.121 {100}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000623	Re-Slope:	1.000000
A1 (Gain):	0.541833	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999800	Status:	OK.
Std Error of Est:	0.000576		
Predicted MDL:	0.001229		
Predicted MQL:	0.004098		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00062	.000	1
S1	.10000	.10806	.008	8.06	.05917	.000	1
S2	1.2500	1.2819	.032	2.55	.69522	.003	1
S3	2.5000	2.5454	.045	1.82	1.3798	.007	1
S4	5.0000	5.0976	.098	1.95	2.7627	.005	1
S5	10.000	9.8170	-.183	-1.83	5.3198	.017	1

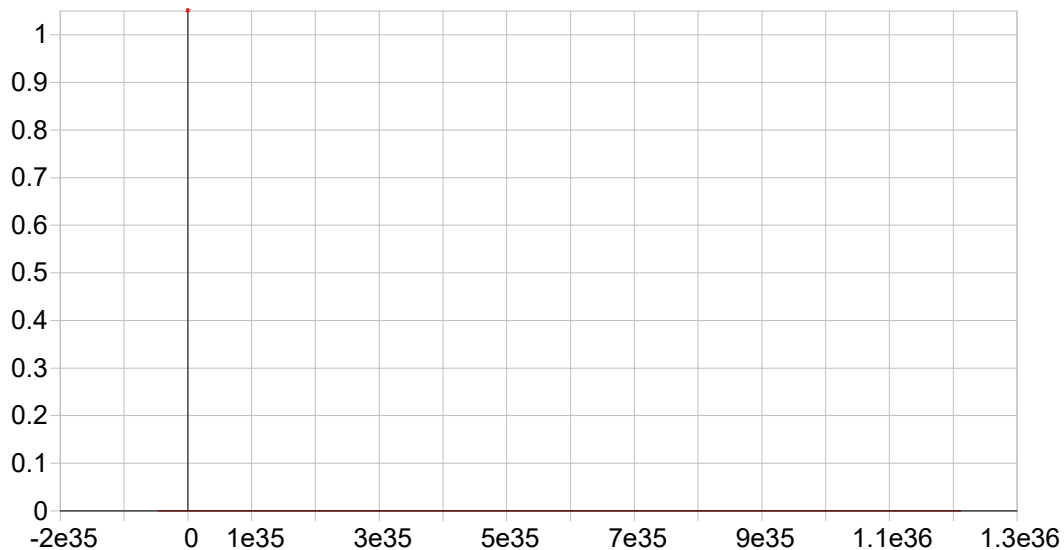


Li 670.784 { 50}

Date of Fit: 05/21/2021 13:08:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014735 Re-Slope: 1.000000
 A1 (Gain): 1.058164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.001747
 Predicted MQL: 0.005825

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01474	.001	1
S5	10.000	10.029	.029	.287	10.615	.044	1
S4	5.0000	5.0499	.050	.998	5.3526	.014	1
S3	2.5000	2.4527	-.047	-1.89	2.6072	.017	1
S2	1.2500	1.2221	-.028	-2.23	1.3065	.005	1
S1	.01500	.01156	-.003	-23.0	.02688	.002	1



Y 224.306 {450}*

Date of Fit:	<not fit>
--------------	-----------

Type of Fit: Linear

Weighting: 1/Conc

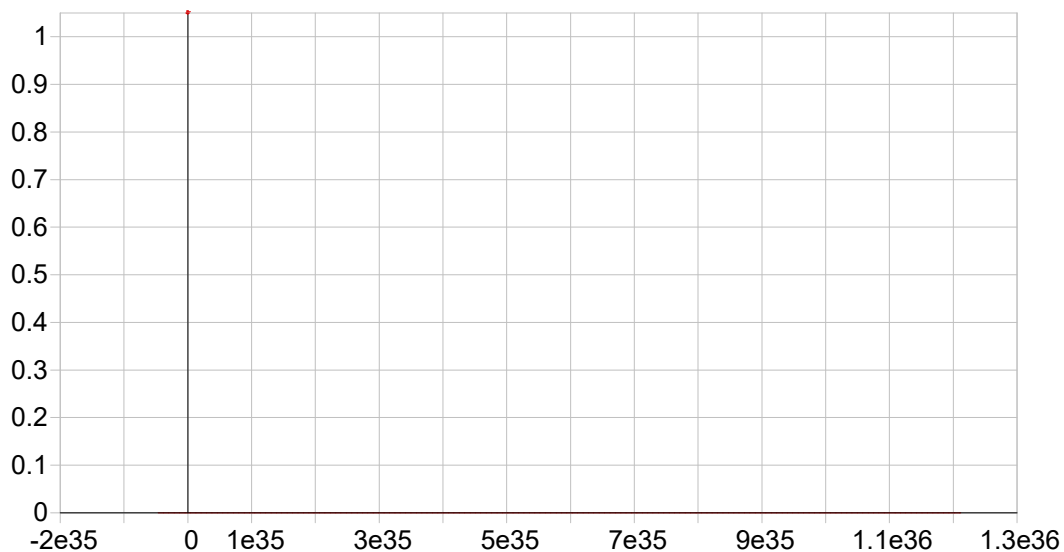
A0 (Offset):	0.000000
A1 (Gain):	0.000000
A2 (Curvature):	0.000000
n (Exponent):	1.000000
Correlation:	0.000000
Std Error of Est:	0.000000
Predicted MDL:	n/a
Predicted MQL:	n/a

Re-Slope: 1.000000

Y-int: 0.000000

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



Y 360.073 { 94}*

Date of Fit: <not fit>

Type of Fit: Linear

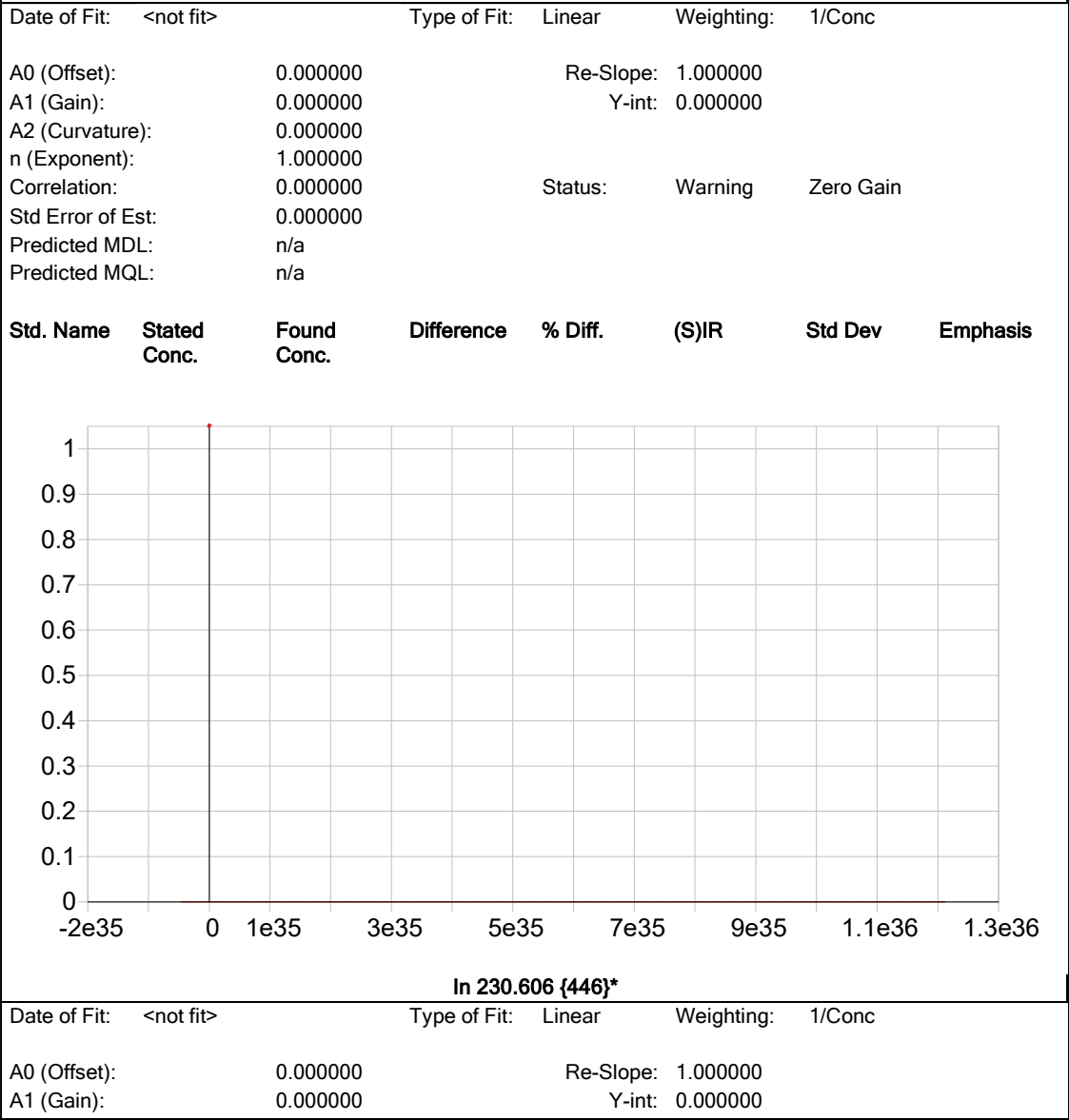
Weighting: 1/Conc

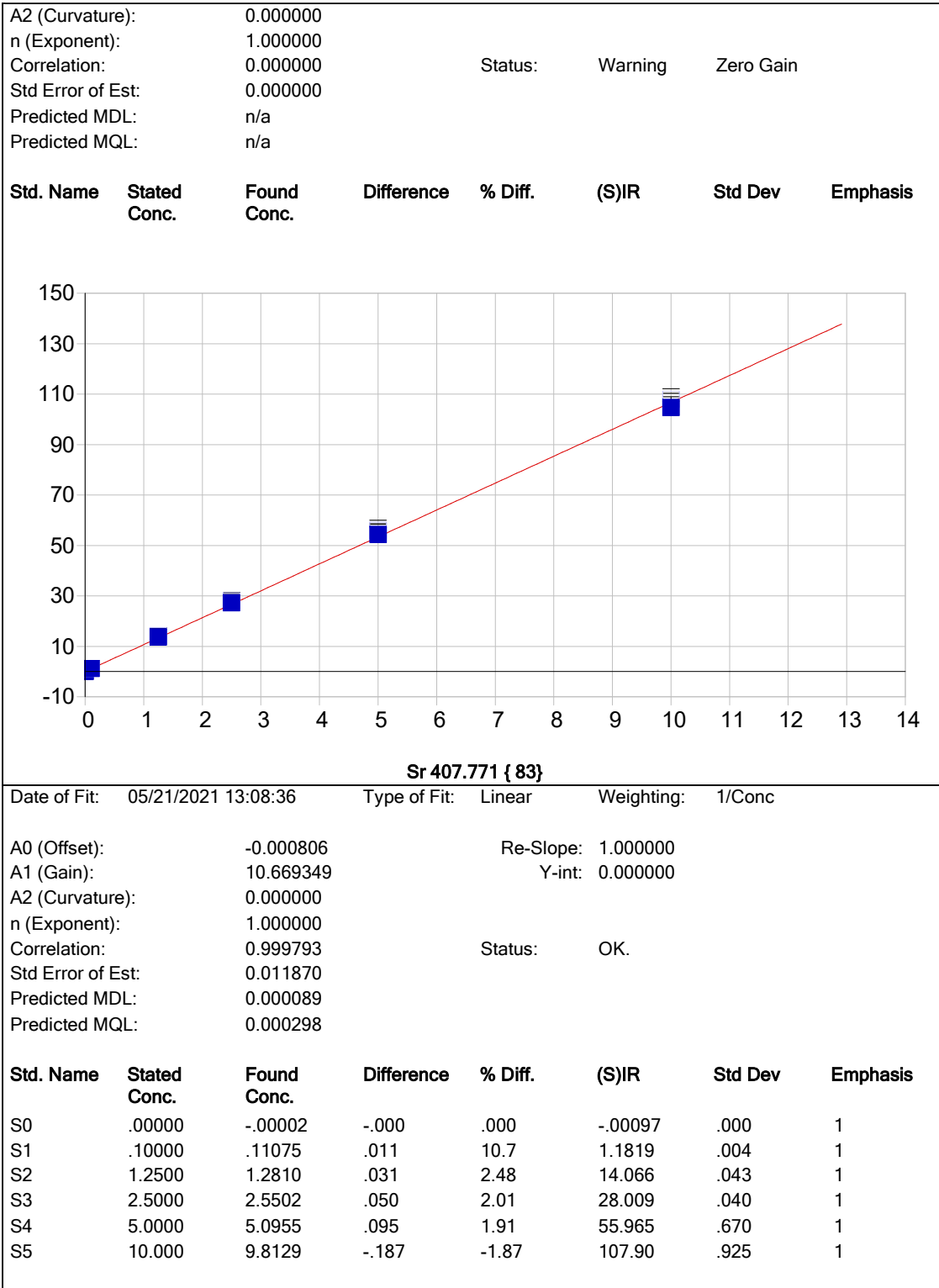
A0 (Offset):	0.000000
A1 (Gain):	0.000000

Re-Slope: 1.000000

Y-int: 0.000000







Sample Name: S0 Acquired: 05/21/2021 12:44:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	-.00036	-.00115	.00027	.00083	.00088	.00413	.01237	-.00275
Stddev	.00005	.00022	.00011	.00028	.00036	.00064	.00072	.00022
%RSD	13.071	19.518	41.767	33.270	40.368	15.486	5.8234	7.9998
#1	-.00030	-.00135	.00040	.00112	.00110	.00443	.01192	-.00266
#2	-.00038	-.00091	.00022	.00081	.00108	.00339	.01198	-.00300
#3	-.00039	-.00119	.00019	.00057	.00047	.00456	.01320	-.00259
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	-.00009	.00222	-.00008	.00004	.00513	.00084	.00064	-.00034
Stddev	.00013	.00074	.00006	.00002	.00048	.00037	.00008	.00011
%RSD	142.81	33.529	75.790	42.318	9.3252	43.328	11.818	32.985
#1	-.00003	.00284	-.00003	.00003	.00568	.00103	.00070	-.00043
#2	-.00001	.00139	-.00006	.00006	.00486	.00108	.00056	-.00021
#3	-.00024	.00242	-.00015	.00003	.00484	.00042	.00068	-.00039
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	-.00078	.00581	-.00008	.00096	.04330	-.00081	.00906
Stddev	.00013	.00016	.00090	.00008	.00072	.00041	.00011	.00048
%RSD	7.2251	20.054	15.575	88.413	74.909	.93926	13.637	5.3392
#1	-.00189	-.00060	.00659	-.00011	.00035	.04321	-.00093	.00861
#2	-.00166	-.00090	.00482	-.00014	.00077	.04294	-.00071	.00899
#3	-.00168	-.00083	.00601	-.00000	.00175	.04374	-.00078	.00957
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	.00054	.00023	2.1065	.00028	.00062	.01474	-.00097	
Stddev	.00020	.00006	.0127	.00008	.00035	.00118	.00026	
%RSD	37.767	24.620	.60197	29.546	56.559	8.0138	26.901	
#1	.00031	.00026	2.1139	.00030	.00042	.01389	-.00097	
#2	.00062	.00016	2.0918	.00019	.00041	.01609	-.00123	
#3	.00069	.00027	2.1137	.00035	.00102	.01424	-.00071	

Sample Name: S0 Acquired: 05/21/2021 12:44:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	2075.0	31365.	6607.4	1142.6	2528.6
Stddev	6.5	33.	41.8	3.6	9.6
%RSD	.31283	.10620	.63198	.31411	.37906
#1	2068.6	31399.	6593.1	1144.3	2517.9
#2	2081.5	31365.	6654.4	1138.5	2531.5
#3	2074.9	31332.	6574.7	1145.0	2536.4

Sample Name: S1 Acquired: 05/21/2021 12:48:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	.00015	-.00000	.00226	.00333	.00729	.02063	.37890	.01654
Stddev	.00012	.00007	.00021	.00020	.00014	.00041	.00126	.00024
%RSD	80.454	5562.0	9.3208	6.0367	1.9262	1.9753	.33328	1.4390
#1	.00017	.00005	.00249	.00350	.00743	.02102	.37954	.01639
#2	.00002	.00003	.00221	.00337	.00715	.02067	.37972	.01640
#3	.00025	-.00008	.00208	.00310	.00729	.02021	.37745	.01681
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	.01418	.34467	.00149	.04475	.01006	.00504	.01182	.05686
Stddev	.00055	.00128	.00011	.00043	.00048	.00005	.00026	.00054
%RSD	3.8652	.37050	7.7026	.95968	4.7689	.92461	2.2283	.95469
#1	.01468	.34322	.00139	.04525	.01061	.00509	.01187	.05651
#2	.01360	.34521	.00161	.04451	.00980	.00499	.01154	.05749
#3	.01426	.34560	.00147	.04450	.00977	.00504	.01206	.05659
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	.01941	.00301	.02715	.00576	.03647	.14407	-.00060	.01142
Stddev	.00029	.00008	.00090	.00051	.00063	.00077	.00001	.00033
%RSD	1.5140	2.6073	3.2986	8.8996	1.7332	.53572	2.1695	2.8988
#1	.01975	.00292	.02805	.00541	.03694	.14391	-.00061	.01119
#2	.01925	.00303	.02716	.00552	.03673	.14491	-.00059	.01180
#3	.01923	.00307	.02625	.00635	.03575	.14339	-.00060	.01127
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	.00532	.00248	2.1618	.00070	.05917	.02688	1.1819	
Stddev	.00003	.00021	.0065	.00002	.00022	.00246	.0039	
%RSD	.59009	8.6138	.30078	2.6204	.36632	9.1417	.32816	
#1	.00534	.00263	2.1689	.00070	.05941	.02444	1.1774	
#2	.00528	.00223	2.1562	.00067	.05912	.02935	1.1843	
#3	.00533	.00257	2.1603	.00071	.05899	.02684	1.1839	

Sample Name: S1 Acquired: 05/21/2021 12:48:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	2068.3	31609.	6623.7	1155.5	2532.8
Stddev	4.9	192.	58.4	11.6	2.7
%RSD	.23522	.60657	.88100	1.0072	.10525
#1	2066.9	31615.	6584.1	1161.7	2531.0
#2	2073.7	31414.	6596.3	1142.1	2535.8
#3	2064.2	31797.	6690.7	1162.8	2531.5

Sample Name: S2 Acquired: 05/21/2021 12:52:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	.04996	.05769	1.2728	.08659	.13839	3.1145	6.5760	.43888
Stddev	.00016	.00055	.0012	.00036	.00048	.0104	.0036	.00389
%RSD	.32585	.95572	.09153	.41377	.34863	.33560	.05401	.88545

#1	.05014	.05749	1.2715	.08690	.13817	3.1030	6.5772	.43563
#2	.04993	.05831	1.2737	.08667	.13895	3.1172	6.5788	.43783
#3	.04982	.05726	1.2732	.08620	.13806	3.1234	6.5720	.44318

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	1.6563	4.0017	.57636	.54296	.88405	1.5035	2.5814	.64776
Stddev	.0015	.0018	.00137	.00072	.00160	.0149	.0033	.00356
%RSD	.09206	.04539	.23768	.13276	.18076	.99346	.12686	.54892

#1	1.6551	4.0001	.57500	.54226	.88396	1.4863	2.5803	.64366
#2	1.6557	4.0013	.57633	.54292	.88250	1.5138	2.5788	.64996
#3	1.6580	4.0037	.57774	.54370	.88569	1.5103	2.5851	.64966

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	.29926	.11432	.17732	.06759	2.1876	.80193	.03346	.42784
Stddev	.00032	.00051	.00193	.00036	.0234	.00523	.00044	.00567
%RSD	.10785	.44685	1.0912	.52798	1.0678	.65212	1.3232	1.3263

#1	.29920	.11487	.17510	.06720	2.1921	.79936	.03358	.42306
#2	.29961	.11423	.17816	.06789	2.2084	.79848	.03383	.42634
#3	.29897	.11387	.17869	.06768	2.1623	.80795	.03297	.43411

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	.55062	.03469	.88260	.09509	.69522	1.3065	14.066
Stddev	.00164	.00055	.01370	.00023	.00250	.0048	.043
%RSD	.29864	1.5987	1.5528	.24381	.36008	.36639	.30896

#1	.54959	.03414	.87110	.09531	.69251	1.3010	14.023
#2	.55252	.03525	.87893	.09485	.69569	1.3099	14.110
#3	.54976	.03469	.89777	.09513	.69745	1.3086	14.067

Sample Name: S2 Acquired: 05/21/2021 12:52:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	1990.9	31243.	6631.3	1119.3	2422.5
Stddev	4.1	136.	26.1	8.6	4.3
%RSD	.20597	.43414	.39417	.76661	.17728
#1	1986.3	31150.	6641.5	1111.5	2418.5
#2	1994.2	31181.	6650.9	1117.9	2427.1
#3	1992.1	31399.	6601.6	1128.5	2421.9

Sample Name: S3 Acquired: 05/21/2021 12:56:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	.09899	.11476	2.5198	.16940	.27202	6.1740	13.075	.86993
Stddev	.00009	.00083	.0027	.00122	.00079	.0278	.013	.00327
%RSD	.09222	.72134	.10532	.71982	.28960	.45026	.09905	.37644

#1	.09899	.11421	2.5199	.16799	.27113	6.1602	13.090	.86769
#2	.09890	.11435	2.5224	.17011	.27263	6.1558	13.066	.86841
#3	.09909	.11571	2.5171	.17010	.27230	6.2060	13.068	.87369

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	3.2351	7.9025	1.1124	1.0741	1.7409	2.9735	5.0392	1.3051
Stddev	.0024	.0032	.0014	.0023	.0046	.0279	.0295	.0090
%RSD	.07399	.04054	.12210	.21202	.26673	.93968	.58569	.68980

#1	3.2342	7.9053	1.1117	1.0755	1.7461	2.9599	5.0655	1.3014
#2	3.2378	7.9032	1.1114	1.0752	1.7371	2.9548	5.0449	1.2985
#3	3.2332	7.8990	1.1139	1.0714	1.7396	3.0056	5.0073	1.3154

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	.58882	.22656	.35048	.13503	4.3411	1.5791	.06828	.85446
Stddev	.00163	.00079	.00315	.00087	.0355	.0022	.00049	.00276
%RSD	.27637	.35080	.89737	.64308	.81770	.14226	.71693	.32278

#1	.58909	.22646	.35105	.13558	4.3395	1.5800	.06808	.85209
#2	.59030	.22741	.34709	.13403	4.3064	1.5807	.06792	.85380
#3	.58707	.22583	.35330	.13548	4.3773	1.5765	.06884	.85749

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	1.0864	.07021	1.3958	.18905	1.3798	2.6072	28.009	
Stddev	.0021	.00045	.0053	.00062	.0066	.0166	.040	
%RSD	.18932	.64143	.38016	.33024	.47521	.63833	.14320	

#1	1.0842	.07024	1.3918	.18845	1.3806	2.6008	28.030	
#2	1.0867	.06975	1.3939	.18900	1.3729	2.5947	27.963	
#3	1.0882	.07065	1.4018	.18969	1.3859	2.6261	28.034	

Sample Name: S3 Acquired: 05/21/2021 12:56:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	1946.5	31094.	6557.2	1094.0	2342.7
Stddev	3.6	122.	10.7	3.3	1.0
%RSD	.18610	.39291	.16257	.29848	.04129
#1	1950.5	30955.	6546.4	1090.2	2342.7
#2	1943.4	31140.	6567.7	1095.5	2341.8
#3	1945.5	31186.	6557.4	1096.2	2343.7

Sample Name: S4 Acquired: 05/21/2021 13:00:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	.20301	.23096	5.1414	.33593	.55602	12.578	26.555	1.7019
Stddev	.00143	.00089	.0044	.00059	.00148	.013	.043	.0148
%RSD	.70498	.38424	.08620	.17427	.26674	.10555	.16329	.86736

#1	.20276	.23140	5.1410	.33547	.55556	12.563	26.598	1.6849
#2	.20173	.23154	5.1371	.33574	.55483	12.585	26.512	1.7087
#3	.20456	.22994	5.1460	.33659	.55768	12.586	26.555	1.7120

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	6.5073	15.919	2.2107	2.1940	3.4833	5.8762	10.058	2.6341
Stddev	.0038	.016	.0013	.0019	.0063	.0396	.042	.0149
%RSD	.05838	.10052	.05641	.08681	.18146	.67466	.41555	.56605

#1	6.5068	15.937	2.2110	2.1954	3.4896	5.8388	10.067	2.6175
#2	6.5038	15.907	2.2118	2.1948	3.4833	5.8720	10.094	2.6382
#3	6.5113	15.912	2.2094	2.1918	3.4770	5.9178	10.012	2.6465

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	1.1988	.47000	.70260	.26971	9.1659	3.1859	.14226	1.6888
Stddev	.0007	.00249	.00218	.00150	.0416	.0128	.00088	.0150
%RSD	.05944	.53066	.31093	.55637	.45372	.40106	.61755	.88962

#1	1.1996	.47210	.70050	.26821	9.1861	3.1921	.14267	1.6740
#2	1.1982	.47067	.70486	.26972	9.1181	3.1943	.14287	1.6883
#3	1.1985	.46724	.70243	.27121	9.1935	3.1712	.14126	1.7040

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2228	.14555	2.1523	.38650	2.7627	5.3526	55.965
Stddev	.0054	.00064	.0193	.00030	.0053	.0140	.670
%RSD	.24222	.43634	.89773	.07676	.19194	.26101	1.1972

#1	2.2236	.14563	2.1305	.38617	2.7582	5.3567	55.703
#2	2.2170	.14615	2.1591	.38659	2.7613	5.3371	55.466
#3	2.2277	.14489	2.1673	.38675	2.7685	5.3641	56.727

Sample Name: S4 Acquired: 05/21/2021 13:00:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	1810.1	29738.	6435.8	1006.4	2162.6
Stddev	4.7	41.	33.9	1.0	3.1
%RSD	.26061	.13923	.52725	.10404	.14220
#1	1805.7	29728.	6474.9	1005.2	2159.1
#2	1815.1	29784.	6415.8	1007.3	2164.9
#3	1809.4	29703.	6416.6	1006.7	2163.8

Sample Name: S5 Acquired: 05/21/2021 13:04:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	.40194	.43707	10.040	.63560	1.1048	24.741	51.215	3.2349
Stddev	.00163	.00266	.005	.00177	.0036	.040	.487	.0360
%RSD	.40462	.60940	.04770	.27804	.32799	.16213	.95118	1.1117

#1	.40053	.43953	10.043	.63363	1.1011	24.752	50.672	3.2100
#2	.40157	.43424	10.035	.63705	1.1084	24.696	51.357	3.2761
#3	.40372	.43745	10.043	.63612	1.1050	24.774	51.615	3.2186

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	12.459	30.609	4.1771	4.2493	6.7217	11.213	19.146	5.1598
Stddev	.019	.048	.0050	.0015	.0015	.049	.016	.0131
%RSD	.15460	.15710	.12094	.03491	.02244	.43731	.08520	.25394

#1	12.482	30.660	4.1799	4.2495	6.7200	11.171	19.147	5.1448
#2	12.447	30.564	4.1712	4.2477	6.7226	11.201	19.161	5.1693
#3	12.449	30.604	4.1800	4.2506	6.7226	11.267	19.128	5.1652

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3041	.92758	1.3627	.51807	18.793	6.2599	.28218	3.2357
Stddev	.0020	.00155	.0025	.00105	.070	.0021	.00227	.0333
%RSD	.08640	.16713	.18625	.20284	.37146	.03335	.80612	1.0287

#1	2.3054	.92929	1.3619	.51840	18.721	6.2588	.28306	3.2069
#2	2.3051	.92626	1.3606	.51689	18.798	6.2623	.27960	3.2722
#3	2.3018	.92719	1.3655	.51891	18.860	6.2586	.28389	3.2280

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3827	.28953	3.2189	.75098	5.3198	10.615	107.90
Stddev	.0083	.00170	.0341	.00110	.0168	.044	.93
%RSD	.18974	.58836	1.0595	.14594	.31572	.41133	.85773

#1	4.3731	.29109	3.1920	.75217	5.3292	10.634	107.96
#2	4.3876	.28771	3.2572	.75073	5.3004	10.565	108.79
#3	4.3875	.28977	3.2074	.75002	5.3298	10.647	106.94

Sample Name: S5 Acquired: 05/21/2021 13:04:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	1709.0	29380.	6457.3	935.01	2050.1
Stddev	5.4	115.	39.5	4.33	1.4
%RSD	.31669	.39142	.61153	.46332	.06982
#1	1714.7	29287.	6479.0	938.63	2049.5
#2	1704.0	29508.	6411.7	930.21	2049.0
#3	1708.4	29345.	6481.2	936.18	2051.7

Sample Name: S6 Acquired: 05/21/2021 13:08:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) 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	68.208	48.900	30.425	8.6093	3.8196
Stddev	.404	1.087	.388	.1000	.0294
%RSD	.59291	2.2235	1.2758	1.1621	.77048

#1	67.882	47.667	30.010	8.5086	3.7896
#2	68.080	49.719	30.484	8.6105	3.8206
#3	68.660	49.316	30.780	8.7087	3.8485

Int. Std.	Y_3710
Units	Cts/S
Avg	6287.9
Stddev	36.6
%RSD	.58279

#1	6320.4
#2	6295.3
#3	6248.2

Sample Name: ICV001 Acquired: 05/21/2021 13:13:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042341	1.066228	.9964560	1.092032	1.006290	2.447275
Stddev	.011922	.004315	.0034994	.003837	.005622	.007987
%RSD	1.143806	.4047161	.3511878	.3513279	.5587342	.3263523

#1	1.031450	1.065290	.9986526	1.087604	1.000019	2.438084
#2	1.055079	1.070935	.9982950	1.094149	1.010881	2.451220
#3	1.040494	1.062459	.9924205	1.094344	1.007972	2.452522

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5258497	.5495020	.5393591	10.27112	.5694901	.5223531
Stddev	.0011598	.0044710	.0015466	.01550	.0023689	.0008970
%RSD	.2205635	.8136399	.2867436	.1508939	.4159618	.1717210

#1	.5271871	.5445610	.5389960	10.27145	.5717709	.5226093
#2	.5251198	.5506764	.5380264	10.25546	.5670421	.5213559
#3	.5252423	.5532685	.5410550	10.28645	.5696573	.5230941

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5300112	10.80429	.5324981	5.683952	.5364227	.2414064
Stddev	.0007379	.03255	.0005156	.044122	.0008247	.0013761
%RSD	.1392191	.3012846	.0968240	.7762476	.1537488	.5700237

#1	.5303563	10.79551	.5319027	5.645452	.5367664	.2427944
#2	.5291640	10.77703	.5327959	5.732099	.5354817	.2413822
#3	.5305132	10.84033	.5327956	5.674306	.5370200	.2400425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.494025	.5425951	.9374748	9.424571	F .0041607	F .0048929
Stddev	.134390	.0049005	.0090823	.087055	.0040127	.0003063
%RSD	1.415527	.9031541	.9688092	.9237066	96.44424	6.261110

#1	9.532826	.5403063	.9467732	9.432243	.0070358	.0046641
#2	9.604747	.5392578	.9286252	9.507536	-.000424	.0047736
#3	9.344503	.5482212	.9370260	9.333933	.005870	.0052409

Sample Name: ICV001 Acquired: 05/21/2021 13:13:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0003870	F .0027040	5.401376	F .0012621	F .0002719	F .0046237
Stddev	.0001415	.0064057	.335250	.0008689	.0004214	.0008077
%RSD	36.55091	236.8955	6.206753	68.84783	154.9711	17.46789

#1	.0005167	.0083813	5.770002	.0005806	.0005754	.0050567
#2	.0004082	.0039715	5.319429	.0009650	-.000209	.0036919
#3	.0002362	-.004241	5.114697	.0022405	.000450	.0051225

Elem	Sr4077
Units	ppm
Avg	F -.009268
Stddev	.000076
%RSD	.8186896

#1	-.009295
#2	-.009182
#3	-.009326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.903	31668.04	6703.593	1146.364	2521.790
Stddev	3.692	170.88	34.731	7.386	5.348
%RSD	.1812496	.5395931	.5180970	.6442801	.2120527

#1	2041.165	31505.46	6742.884	1138.289	2525.315
#2	2034.866	31846.16	6690.908	1152.778	2524.417
#3	2034.679	31652.49	6676.988	1148.025	2515.637

Sample Name: ICB001 Acquired: 05/21/2021 13:17:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033492	.0031678	.0000390	.0035922	.0006157	-.002368
Stddev	.0034199	.0042546	.0025754	.0005251	.0027363	.007428
%RSD	102.1113	134.3063	6602.303	14.61823	444.4166	313.6417

#1	.0063885	.0077140	-.002935	.0037509	.0007974	.006112
#2	-.000354	.0025072	.001519	.0040196	.0032566	-.005492
#3	.004013	-.000718	.001533	.0030060	-.002207	-.007725

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000942	-.000050	-.000006	.0051981	-.000077	.0001583
Stddev	.000864	.000106	.000137	.0090312	.000100	.0006619
%RSD	91.73767	212.8687	2244.496	173.7421	131.1271	418.1223

#1	-.001723	-.000101	-.000145	.0030967	-.000040	.0005277
#2	-.001089	.000072	.000128	-.002597	.000001	.0005531
#3	-.000014	-.000121	-.000001	.015095	-.000190	-.000606

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005058	.0005588	-.000250	.0133635	-.000451	.0008608
Stddev	.001273	.0064109	.000400	.0364109	.000887	.0003734
%RSD	25.17356	1147.225	160.1681	272.4651	196.5551	43.38288

#1	-.003782	.0079063	-.000699	.0037220	-.001268	.0011799
#2	-.005064	-.002334	.000070	.0536248	-.000578	.0004501
#3	-.006328	-.003896	-.000121	-.017256	.000492	.0009523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.148883	-.004695	-.001304	-.181632	-.001833	.0033836
Stddev	.088145	.000512	.001008	.056124	.004027	.0007751
%RSD	59.20430	10.89969	77.26288	30.90002	219.6740	22.90721

#1	-.249077	-.004161	-.001419	-.234604	.001168	.0028406
#2	-.114293	-.005182	-.000244	-.122813	-.006409	.0042712
#3	-.083279	-.004743	-.002249	-.187480	-.000258	.0030390

Sample Name: ICB001 Acquired: 05/21/2021 13:17:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002545	-.000015	F -.774057	.0015842	.0003740	-.000551
Stddev	.0002182	.001899	.293198	.0002624	.0012024	.001104
%RSD	85.73608	13043.89	37.87815	16.56243	321.4611	200.2504

#1	.0004540	-.001386	-.461173	.0013070	.0000771	.000463
#2	.0002879	-.000811	-.818501	.0016169	-.000652	-.000390
#3	.0000215	.002153	-1.04249	.0018288	.001697	-.001728

Elem	Sr4077
Units	ppm
Avg	-.000031
Stddev	.000047
%RSD	150.7193

#1	-.000086
#2	-.000003
#3	-.000005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.606	31532.30	6638.387	1148.584	2512.780
Stddev	1.719	97.94	19.908	5.768	4.199
%RSD	.0847679	.3106049	.2998852	.5021996	.1670866

#1	2025.729	31437.45	6661.168	1142.719	2508.431
#2	2029.102	31526.41	6629.662	1148.783	2516.810
#3	2027.990	31633.06	6624.332	1154.250	2513.098

Sample Name: ICSA001 Acquired: 05/21/2021 13:32:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045038	.0079005	-.000031	.0217906	.0046957	242.2872
Stddev	.0036182	.0015834	.001778	.0031426	.0048285	.3534
%RSD	80.33627	20.04207	5809.871	14.42198	102.8278	.1458446

#1	.0086508	.0095780	.001722	.0192663	-.000722	241.8860
#2	.0028703	.0064319	-.001833	.0253104	.008545	242.5523
#3	.0019904	.0076918	.000019	.0207950	.006264	242.4232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029698	.0011048	-.000802	246.1593	.0611319	-.000738
Stddev	.0012653	.0001227	.000140	.7945	.0003962	.000062
%RSD	42.60453	11.10602	17.52672	.3227437	.6480557	8.357950

#1	.0021722	.0012465	-.000692	246.6552	.0615865	-.000668
#2	.0023085	.0010358	-.000960	245.2430	.0609489	-.000762
#3	.0044287	.0010321	-.000752	246.5798	.0608604	-.000784

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005195	101.8423	.0108814	241.4216	.0003873	.0057187
Stddev	.0010203	.4101	.0002254	1.3644	.0004655	.0002149
%RSD	196.4090	.4026977	2.071020	.5651612	120.1857	3.758792

#1	-.000647	101.4439	.0111339	240.1491	.0007528	.0057485
#2	.001244	102.2632	.0107008	242.8623	.0005460	.0054904
#3	.000961	101.8199	.0108094	241.2532	-.000137	.0059172

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066225	.0001540	.0091198	-.483521	.0024367	F -.020777
Stddev	.498577	.0018128	.0016639	.060453	.0080029	.000381
%RSD	752.8540	1176.846	18.24464	12.50270	328.4370	1.835297

#1	-.330958	-.001929	.0081191	-.538470	.0065782	-.020433
#2	.508879	.001021	.0081998	-.493330	.0075200	-.021187
#3	-.376596	.001371	.0110405	-.418763	-.006788	-.020711

Sample Name: ICSA001 Acquired: 05/21/2021 13:32:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001383	-.002992	F 5.725107	.0054380	.0005623	.0014642
Stddev	.000366	.008614	.153124	.0030201	.0008297	.0016809
%RSD	26.46123	287.8901	2.674603	55.53659	147.5555	114.8018

#1	-.001569	.005742	5.721467	.0052088	.0013661	.0033540
#2	-.001619	-.011481	5.573836	.0085661	.0006117	.0001356
#3	-.000962	-.003238	5.880019	.0025390	-.000291	.0009030

Elem	Sr4077
Units	ppm
Avg	.0048446
Stddev	.0008129
%RSD	16.78040

#1	.0051969
#2	.0039149
#3	.0054220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1896.100	30111.74	6577.263	1068.935	2266.202
Stddev	1.606	47.23	6.595	4.062	2.978
%RSD	.0847176	.1568430	.1002657	.3800215	.1314165

#1	1895.017	30057.57	6571.126	1064.314	2263.274
#2	1895.338	30133.36	6584.236	1071.942	2266.103
#3	1897.946	30144.30	6576.426	1070.549	2269.228

Sample Name: ICSAB001 Acquired: 05/21/2021 13:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080159	.1015371	.0521753	.0766648	.6041456	248.4395
Stddev	.0076309	.0039847	.0055272	.0069379	.0048586	.9796
%RSD	7.064604	3.924333	10.59348	9.049655	.8042046	.3943045

#1	.1159156	.0970912	.0579543	.0836073	.6095859	247.5611
#2	.1006857	.1047860	.0516315	.0766555	.6002387	248.2614
#3	.1074466	.1027342	.0469401	.0697316	.6026122	249.4959

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5112874	.5257274	1.011852	250.8478	.5921712	.5029172
Stddev	.0011782	.0012411	.002699	.4572	.0003333	.0006215
%RSD	.2304306	.2360687	.2667643	.1822609	.0562872	.1235860

#1	.5099283	.5263721	1.014782	250.4738	.5924991	.5026717
#2	.5120187	.5265135	1.009467	251.3575	.5921817	.5024559
#3	.5119153	.5242967	1.011307	250.7121	.5918328	.5036240

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5031917	104.3984	.5063447	248.4721	1.015156	.2056973
Stddev	.0026202	.6170	.0014187	1.7074	.001389	.0013566
%RSD	.5207101	.5909969	.2801912	.6871572	.1368127	.6595232

#1	.5008843	104.1912	.5065145	247.2880	1.015441	.2046280
#2	.5060402	103.9116	.5076709	247.6991	1.016380	.2052406
#3	.5026506	105.0923	.5048487	250.4293	1.013647	.2072233

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.180968	.5177799	.9580477	-.658858	.0049708	F 1.063794
Stddev	.189860	.0087574	.0094912	.063883	.0027611	.005384
%RSD	104.9134	1.691329	.9906780	9.695960	55.54644	.5061230

#1	.024849	.5125952	.9487616	-.696252	.0066202	1.070011
#2	-.218484	.5128536	.9576501	-.585095	.0017832	1.060670
#3	-.349270	.5278910	.9677315	-.695227	.0065090	1.060702

Sample Name: ICSAB001 Acquired: 05/21/2021 13:36:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.053803	.0048721	F 1.105023	F 1.076123	F 1.088029	.0007703
Stddev	.000162	.0080777	.280222	.001362	.006873	.0010547
%RSD	.0154075	165.7938	25.35891	.1265537	.6317011	136.9129

#1	1.053736	-.001981	1.090204	1.076854	1.080843	.0019278
#2	1.053988	.002820	.832505	1.076963	1.088706	-.000136
#3	1.053685	.013778	1.392361	1.074552	1.094539	.000519

Elem	Sr4077
Units	ppm
Avg	.0045230
Stddev	.0003523
%RSD	7.788954

#1	.0045179
#2	.0048779
#3	.0041733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.393	29746.05	6467.621	1056.248	2222.894
Stddev	2.477	57.17	15.261	4.890	.330
%RSD	.1332234	.1921824	.2359557	.4629148	.0148275

#1	1858.961	29688.88	6450.280	1059.803	2222.702
#2	1862.058	29803.21	6473.579	1058.269	2223.274
#3	1857.161	29746.05	6479.003	1050.672	2222.704

Sample Name: CCV070 Acquired: 05/21/2021 13:40:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855151	4.848140	24.48339	4.924337	4.970934	397.3859
Stddev	.022834	.040455	.01714	.036126	.018027	.2969
%RSD	.4702969	.8344382	.0700048	.7336293	.3626428	.0747184

#1	4.829291	4.837366	24.50310	4.887828	4.961990	397.1585
#2	4.863625	4.814163	24.47511	4.925116	4.959129	397.2775
#3	4.872535	4.892891	24.47197	4.960068	4.991684	397.7218

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07345	.4967425	2.446011	393.6543	15.10338	2.472443
Stddev	.00580	.0003258	.005759	.8728	.01687	.006002
%RSD	.0575737	.0655951	.2354432	.2217217	.1116691	.2427371

#1	10.06828	.4964571	2.448147	392.6706	15.12240	2.478661
#2	10.07235	.4970975	2.439489	394.3361	15.09751	2.466684
#3	10.07972	.4966729	2.450397	393.9563	15.09024	2.471985

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91046	408.3002	14.58425	398.2287	2.467132	1.260419
Stddev	.00361	.5175	.02788	.6058	.005273	.004262
%RSD	.0242041	.1267363	.1911502	.1521284	.2137476	.3381035

#1	14.90659	408.7689	14.56994	398.9036	2.472669	1.265292
#2	14.91106	407.7449	14.61638	398.0503	2.462169	1.257391
#3	14.91373	408.3868	14.56643	397.7321	2.466558	1.258573

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.6865	2.504887	14.90347	151.2423	4.926838	4.958685
Stddev	.6252	.004710	.02368	.8753	.071157	.009440
%RSD	.1568076	.1880410	.1588921	.5787096	1.444274	.1903658

#1	398.9968	2.503407	14.93007	152.2395	4.934656	4.969537
#2	397.9669	2.501094	14.88469	150.8859	4.852095	4.952377
#3	399.0958	2.510159	14.89563	150.6014	4.993763	4.954141

Sample Name: CCV070 Acquired: 05/21/2021 13:40:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924610	5.012841	F 11.44884	4.952329	5.020286	5.131697
Stddev	.009721	.063442	.14537	.011460	.001809	.012323
%RSD	.1973918	1.265584	1.269736	.2314076	.0360289	.2401293
#1	4.913424	5.011827	11.40086	4.948221	5.018901	5.124033
#2	4.929395	4.949912	11.33353	4.943489	5.022332	5.125147
#3	4.931010	5.076784	11.61214	4.965276	5.019624	5.145912

Elem	Sr4077
Units	ppm
Avg	4.816609
Stddev	.041532
%RSD	.8622678
#1	4.842929
#2	4.838168
#3	4.768731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.974	29456.02	6428.090	982.2984	2070.446
Stddev	3.009	49.63	15.224	2.9612	4.721
%RSD	.1715427	.1684906	.2368404	.3014539	.2279976
#1	1757.327	29466.07	6410.934	979.0079	2065.068
#2	1751.508	29499.86	6433.347	984.7488	2073.904
#3	1753.089	29402.14	6439.989	983.1383	2072.366

Sample Name: CCB070 Acquired: 05/21/2021 13:44:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047359	.0012931	-.000833	.0021376	-.001535	-.007218
Stddev	.0027432	.0034461	.001939	.0025222	.003268	.005008
%RSD	57.92388	266.4909	232.8796	117.9904	212.9446	69.38378

#1	.0017340	-.000510	.000619	.0024589	-.000229	-.008952
#2	.0071125	.005267	-.000082	-.000530	-.005254	-.001573
#3	.0053611	-.000877	-.003035	.004484	.000878	-.011129

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002728	.0000032	.0000297	-.007140	.0001722	.0000168
Stddev	.000400	.0000221	.0000106	.012211	.0003342	.0000716
%RSD	14.67652	690.1912	35.60253	171.0276	194.0913	426.8620

#1	-.002391	.0000257	.0000346	.006947	.0003827	.0000994
#2	-.003170	-.000018	.0000369	-.014713	.0003471	-.000028
#3	-.002623	.000002	.0000176	-.013654	-.000213	-.000021

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005160	.0127822	.0001211	-.008331	-.000442	.0007101
Stddev	.001401	.0040448	.0002335	.004291	.000311	.0004673
%RSD	27.15364	31.64416	192.8337	51.50477	70.34620	65.81250

#1	-.003559	.0174493	.0000114	-.011707	-.000779	.0006596
#2	-.006161	.0106030	-.000037	-.003502	-.000381	.0012006
#3	-.005760	.0102942	.000389	-.009785	-.000166	.0002701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.367013	-.000443	-.000602	-.157602	-.004224	.0073728
Stddev	.153362	.003505	.001120	.075684	.002092	.0012427
%RSD	41.78653	791.6501	186.1355	48.02209	49.51656	16.85591

#1	-.212681	.001762	.000645	-.192606	-.006598	.0088068
#2	-.368973	.001394	-.001523	-.209448	-.002651	.0066097
#3	-.519386	-.004485	-.000927	-.070753	-.003423	.0067019

Sample Name: CCB070 Acquired: 05/21/2021 13:44:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012988	-.001646	F -.445819	.0017195	.0006075	-.001383
Stddev	.0007518	.003567	.278348	.0013674	.0010384	.001009
%RSD	57.88090	216.7432	62.43524	79.52010	170.9140	72.90293

#1	.0021473	-.005593	-.132387	.0006626	.0014459	-.000724
#2	.0010337	-.000694	-.540907	.0032638	-.000554	-.002544
#3	.0007155	.001349	-.664164	.0012321	.000931	-.000882

Elem	Sr4077
Units	ppm
Avg	.0000759
Stddev	.0000119
%RSD	15.65379

#1	.0000896
#2	.0000677
#3	.0000705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.896	31520.90	6676.124	1140.384	2511.368
Stddev	2.201	138.32	21.293	9.594	5.188
%RSD	.1094626	.4388204	.3189416	.8412565	.2065846

#1	2008.548	31503.14	6696.424	1145.268	2517.014
#2	2011.228	31392.32	6653.961	1129.332	2510.281
#3	2012.913	31667.24	6677.988	1146.554	2506.810

Sample Name: PB136390BL Acquired: 05/21/2021 13:48:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS390 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051474	.0007805	.0005664	.0024211	.0019850	-.009494
Stddev	.0021253	.0018193	.0008213	.0048347	.0003744	.012606
%RSD	41.28833	233.1007	144.9999	199.6856	18.86212	132.7778

#1	.0051829	.0027640	.0010309	-.001508	.0021194	-.008159
#2	.0030046	.0003880	-.000382	.007820	.0022737	.002391
#3	.0072547	-.000811	.001050	.000951	.0015620	-.022715

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002518	.0001223	-.000014	-.005336	.0000858	-.000038
Stddev	.000465	.0000237	.000075	.012810	.0005957	.000307
%RSD	18.46844	19.37314	550.0471	240.0616	694.0935	815.6255

#1	-.002823	.0001141	-.000098	-.000114	-.000221	.000306
#2	-.001983	.0001039	.000010	.004038	-.000294	-.000288
#3	-.002747	.0001491	.000047	-.019933	.000772	-.000131

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006416	.0033803	.0000765	-.001064	-.000510	.0002935
Stddev	.002717	.0048602	.0000989	.007169	.000574	.0001758
%RSD	42.34790	143.7824	129.2286	673.9723	112.4205	59.88895

#1	-.004704	.0054465	.0001140	.006705	-.000837	.0004959
#2	-.009549	.0068659	-.000036	-.007424	-.000846	.0002055
#3	-.004995	-.002172	.000151	-.002472	.000152	.0001791

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.791491	-.004744	-.001018	-.175830	-.003235	-.001227
Stddev	.155800	.000960	.000790	.032406	.002139	.000455
%RSD	19.68436	20.22935	77.60688	18.43013	66.10538	37.12317

#1	-.967614	-.003898	-.001927	-.203617	-.001966	-.001604
#2	-.671662	-.004547	-.000508	-.183638	-.005704	-.001355
#3	-.735198	-.005787	-.000617	-.140233	-.002035	-.000721

Sample Name: PB136390BL Acquired: 05/21/2021 13:48:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS390 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000269	-.003634	F -.637499	-.000087	.0005242	-.002742
Stddev	.000498	.002378	.523155	.000601	.0005884	.000574
%RSD	185.2184	65.43172	82.06370	691.4439	112.2525	20.92896

#1	-.000840	-.000941	-.112581	.000424	.0009344	-.002095
#2	.000072	-.005444	-1.15887	-.000749	.0007882	-.002941
#3	-.000038	-.004517	-.64104	.000063	-.000150	-.003190

Elem	Sr4077
Units	ppm
Avg	-.000079
Stddev	.000053
%RSD	67.22227

#1	-.000039
#2	-.000140
#3	-.000059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.202	31456.17	6687.737	1133.863	2492.909
Stddev	4.207	93.80	19.792	8.983	1.714
%RSD	.2105537	.2981791	.2959454	.7922176	.0687746

#1	2001.357	31517.76	6710.429	1125.823	2494.159
#2	1993.425	31502.53	6674.041	1143.558	2490.954
#3	1999.823	31348.22	6678.741	1132.207	2493.613

Sample Name: PB136390BS Acquired: 05/21/2021 13:52:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS390 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251145	.0531247	.0185906	.0781574	.1232876	.3886229
Stddev	.0074042	.0018036	.0006029	.0031937	.0014642	.0072837
%RSD	29.48162	3.394966	3.242897	4.086232	1.187595	1.874230

#1	.0324504	.0548058	.0179759	.0760313	.1249166	.3893904
#2	.0252491	.0533488	.0186150	.0818299	.1220814	.3954925
#3	.0176440	.0512196	.0191808	.0766109	.1228647	.3809859

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2894514	.0110843	.0105955	10.49856	.0216109	.0996123
Stddev	.0014069	.0000996	.0000572	.05439	.0005173	.0003077
%RSD	.4860606	.8986257	.5396570	.5180611	2.393557	.3089132

#1	.2879226	.0111704	.0105483	10.44964	.0212375	.0994719
#2	.2906916	.0111073	.0105790	10.55713	.0213939	.0993998
#3	.2897400	.0109752	.0106591	10.48892	.0222014	.0999652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431186	.2180634	.0328505	10.63192	.0872041	.0197162
Stddev	.0007690	.0115968	.0000913	.01577	.0007012	.0002434
%RSD	1.783363	5.318094	.2778179	.1483505	.8040479	1.234637

#1	.0439227	.2314074	.0328287	10.61381	.0869086	.0198544
#2	.0423904	.2104227	.0327721	10.63936	.0880047	.0194352
#3	.0430427	.2123600	.0329507	10.64260	.0866991	.0198591

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.421749	.1068851	.1171461	9.348465	.0174142	.0177598
Stddev	.041930	.0014637	.0033890	.069644	.0014342	.0006349
%RSD	.4450303	1.369382	2.892965	.7449824	8.235634	3.574737

#1	9.468016	.1052728	.1206183	9.413569	.0184851	.0176861
#2	9.386261	.1081302	.1169730	9.356798	.0179728	.0171650
#3	9.410971	.1072522	.1138470	9.275029	.0157848	.0184283

Sample Name: PB136390BS Acquired: 05/21/2021 13:52:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS390 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214558	.1625818	F -1.22208	.0128273	.2130328	.0249016
Stddev	.0003877	.0041356	.04622	.0016567	.0005037	.0007974
%RSD	1.807155	2.543676	3.781953	12.91522	.2364238	3.202138

#1	.0210208	.1641435	-1.21333	.0113156	.2124527	.0245593
#2	.0215817	.1657092	-1.18087	.0145984	.2133588	.0258130
#3	.0217649	.1578929	-1.27205	.0125679	.2132869	.0243325

Elem	Sr4077
Units	ppm
Avg	.2178961
Stddev	.0009566
%RSD	.4390328

#1	.2173293
#2	.2190006
#3	.2173584

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.929	31496.16	6780.484	1133.802	2496.142
Stddev	3.274	132.78	19.269	5.007	.824
%RSD	.1642600	.4215691	.2841776	.4416103	.0330148

#1	1989.149	31524.26	6800.815	1133.089	2495.247
#2	1994.839	31351.58	6762.492	1129.190	2496.870
#3	1994.799	31612.64	6778.145	1139.127	2496.310

Sample Name: M2342-01 Acquired: 05/21/2021 13:56:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482702	-.004397	.0750791	.0240545	.0004621	44.95492
Stddev	.0020929	.002084	.0011862	.0026535	.0007861	.21217
%RSD	1.411550	47.39969	1.579903	11.03113	170.0999	.4719511

#1	.1499269	-.006704	.0764367	.0210217	-.000054	45.19988
#2	.1489656	-.002649	.0745571	.0259488	.000074	44.83576
#3	.1459181	-.003839	.0742434	.0251929	.001367	44.82913

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.662244	.0033515	.0007232	17.69271	.1223088	.0342857
Stddev	.005621	.0001140	.0000703	.07867	.0006064	.0004435
%RSD	.3381672	3.401886	9.717576	.4446232	.4958234	1.293414

#1	1.668417	.0034285	.0007462	17.77945	.1225752	.0343907
#2	1.657421	.0034054	.0007790	17.62598	.1227365	.0346674
#3	1.660894	.0032205	.0006443	17.67270	.1216148	.0337993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1238845	82.90417	3.472747	22.46827	.0678407	.0050280
Stddev	.0029048	.44443	.011210	.09809	.0008828	.0002229
%RSD	2.344780	.5360739	.3228128	.4365635	1.301230	4.432900

#1	.1271280	83.41734	3.485688	22.58154	.0674782	.0052269
#2	.1215227	82.64509	3.466546	22.41158	.0671968	.0050700
#3	.1230029	82.65008	3.466006	22.41171	.0688470	.0047871

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6082039	.1732512	.3071630	18.33545	3.228312	.2068974
Stddev	.1378051	.0016660	.0060224	.03167	.018640	.0013172
%RSD	22.65771	.9616279	1.960656	.1727189	.5773871	.6366432

#1	.6165411	.1727167	.3002093	18.33914	3.209571	.2071832
#2	.7416512	.1719179	.3105720	18.30210	3.228515	.2054608
#3	.4664196	.1751188	.3107076	18.36511	3.246849	.2080483

Sample Name: M2342-01 Acquired: 05/21/2021 13:56:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016738	1.357753	F -247.781	-.005905	4.618777	.0380959
Stddev	.0006724	.003652	4.088	.002209	.025184	.0004000
%RSD	40.17167	.2689566	1.649682	37.40665	.5452457	1.050009

#1	.0016263	1.353951	-252.253	-.007521	4.647303	.0379234
#2	.0010263	1.361233	-246.851	-.006806	4.599625	.0378111
#3	.0023686	1.358075	-244.238	-.003388	4.609402	.0385532

Elem	Sr4077
Units	ppm
Avg	.2091963
Stddev	.0001963
%RSD	.0938201

#1	.2093178
#2	.2093012
#3	.2089699

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.152	33897.59	7198.894	1218.005	2540.651
Stddev	6.198	169.72	66.463	13.518	1.442
%RSD	.2916283	.5006924	.9232430	1.109884	.0567538

#1	2131.717	34052.47	7147.965	1233.338	2541.766
#2	2124.337	33716.16	7174.638	1207.805	2539.023
#3	2119.403	33924.13	7274.078	1212.872	2541.164

Sample Name: M2342-02 Acquired: 05/21/2021 14:00:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1531291	-.006759	.0733600	.0215172	-.002558	44.43657
Stddev	.0045010	.004903	.0040809	.0023487	.000462	.12923
%RSD	2.939346	72.53748	5.562816	10.91547	18.04711	.2908177

#1	.1492263	-.009043	.0756044	.0195359	-.002151	44.29654
#2	.1521082	-.001131	.0686496	.0241117	-.003059	44.55124
#3	.1580529	-.010104	.0758262	.0209041	-.002462	44.46193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.654604	.0033013	.0005234	17.50805	.1217804	.0339808
Stddev	.000752	.0000242	.0000255	.02810	.0008955	.0002729
%RSD	.0454729	.7334532	4.876565	.1605037	.7353247	.8030272

#1	1.654967	.0032945	.0005510	17.51338	.1209708	.0339666
#2	1.655106	.0033282	.0005007	17.53310	.1227423	.0337153
#3	1.653739	.0032812	.0005185	17.47766	.1216281	.0342605

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1236917	82.77769	3.450516	22.12365	.0675436	.0047596
Stddev	.0019114	.43135	.004626	.07409	.0004073	.0001592
%RSD	1.545252	.5210984	.1340794	.3348873	.6030226	3.343902

#1	.1243896	82.28517	3.455602	22.03939	.0675718	.0045789
#2	.1251559	82.95965	3.446557	22.15295	.0671230	.0048207
#3	.1215294	83.08825	3.449388	22.17861	.0679361	.0048791

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5520756	.1741745	.3028771	18.16215	3.272362	.2021947
Stddev	.3452135	.0048563	.0015107	.03636	.024845	.0037147
%RSD	62.53012	2.788151	.4987814	.2002117	.7592320	1.837188

#1	.4340306	.1736698	.3036430	18.12858	3.293470	.1979506
#2	.2813688	.1792633	.3011368	18.20078	3.278633	.2048547
#3	.9408274	.1695902	.3038514	18.15709	3.244982	.2037789

Sample Name: M2342-02 Acquired: 05/21/2021 14:00:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013848	1.391668	F -245.530	-.004573	4.593690	.0382589
Stddev	.0002135	.008051	2.625	.000116	.019717	.0032185
%RSD	15.41949	.5784867	1.069165	2.545922	.4292270	8.412528

#1	.0013166	1.383690	-244.331	-.004663	4.570966	.0405331
#2	.0012137	1.399789	-248.540	-.004614	4.606279	.0396674
#3	.0016241	1.391526	-243.718	-.004441	4.603825	.0345762

Elem	Sr4077
Units	ppm
Avg	.2060899
Stddev	.0003354
%RSD	.1627369

#1	.2062516
#2	.2057043
#3	.2063138

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.987	33806.03	7194.834	1214.102	2538.012
Stddev	.822	138.01	25.404	7.268	1.617
%RSD	.0387349	.4082281	.3530836	.5985947	.0637172

#1	2122.181	33652.80	7185.774	1207.513	2539.876
#2	2121.085	33920.53	7175.203	1221.897	2537.180
#3	2122.694	33844.76	7223.526	1212.895	2536.980

Sample Name: M2342-03 Acquired: 05/21/2021 14:05:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2328245	.0816937	.1219889	.2167185	.0892554	59.22737
Stddev	.0044930	.0038324	.0004365	.0018307	.0016785	.05094
%RSD	1.929789	4.691124	.3578483	.8447333	1.880532	.0860078

#1	.2376578	.0857703	.1219778	.2175473	.0882449	59.16958
#2	.2287748	.0781645	.1215580	.2146199	.0883285	59.26575
#3	.2320411	.0811463	.1224309	.2179882	.0911930	59.24677

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.080685	.1111384	.1110749	20.97071	.6052587	1.136053
Stddev	.023674	.0004818	.0003633	.06010	.0023888	.003427
%RSD	.3343460	.4334931	.3270766	.2865797	.3946719	.3016573

#1	7.059738	.1107075	.1107900	20.92960	.6065487	1.134132
#2	7.106369	.1116586	.1114840	21.03968	.6025022	1.140010
#3	7.075947	.1110493	.1109506	20.94285	.6067251	1.134017

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6612614	94.72111	7.161102	26.15700	1.200668	.1044197
Stddev	.0068585	.18288	.044319	.06542	.001815	.0000734
%RSD	1.037192	.1930682	.6188787	.2501200	.1511536	.0703388

#1	.6538394	94.83120	7.110302	26.11830	1.198632	.1044360
#2	.6673652	94.51001	7.181150	26.12016	1.202113	.1044836
#3	.6625795	94.82213	7.191853	26.23254	1.201261	.1043394

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.142259	1.273114	1.400783	22.24741	3.343178	.1846226
Stddev	.331323	.003793	.002297	.14667	.014371	.0034330
%RSD	29.00591	.2979055	.1639878	.6592858	.4298523	1.859491

#1	1.470101	1.277411	1.398210	22.17074	3.333640	.1878662
#2	.807562	1.270234	1.402628	22.41653	3.336188	.1849743
#3	1.149113	1.271697	1.401511	22.15497	3.359706	.1810272

Sample Name: M2342-03 Acquired: 05/21/2021 14:05:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034672	1.362006	F -249.206	-.002028	4.921433	.0453740
Stddev	.0007880	.003080	1.129	.001844	.002653	.0025795
%RSD	22.72758	.2261139	.4528980	90.96540	.0539056	5.685096

#1	.0027119	1.359580	-248.268	-.001477	4.921840	.0441143
#2	.0034053	1.360967	-250.459	-.000522	4.918600	.0436663
#3	.0042842	1.365471	-248.892	-.004085	4.923859	.0483414

Elem	Sr4077
Units	ppm
Avg	.4064500
Stddev	.0018652
%RSD	.4588958

#1	.4047077
#2	.4084176
#3	.4062248

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2078.454	33046.15	7091.455	1174.557	2473.198
Stddev	4.195	88.29	6.655	2.884	5.869
%RSD	.2018253	.2671768	.0938510	.2455489	.2373001

#1	2073.820	33119.53	7095.679	1174.406	2475.289
#2	2081.990	33070.77	7083.783	1171.752	2466.570
#3	2079.553	32948.17	7094.902	1177.514	2477.735

Sample Name: M2342-01LX5 Acquired: 05/21/2021 14:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0379272	-.002622	.0140493	.0074147	.0003561	8.960254
Stddev	.0019252	.004014	.0011342	.0039639	.0023276	.028349
%RSD	5.075947	153.1117	8.072953	53.45982	653.5916	.3163854

#1	.0365654	-.001337	.0134178	.0095307	-.002211	8.933866
#2	.0401297	.000593	.0133714	.0028418	.002328	8.956672
#3	.0370864	-.007121	.0153586	.0098716	.000951	8.990224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3301493	.0006827	.0000865	3.546223	.0244496	.0065966
Stddev	.0011618	.0001430	.0000588	.002997	.0003156	.0003046
%RSD	.3518894	20.94183	67.98804	.0845054	1.290853	4.617476

#1	.3298281	.0008474	.0001054	3.548963	.0244816	.0063357
#2	.3314378	.0006095	.0000206	3.546683	.0241192	.0065227
#3	.3291819	.0005911	.0001336	3.543022	.0247479	.0069313

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194414	16.73155	.7031329	4.434745	.0126331	.0014262
Stddev	.0018084	.02510	.0032136	.043968	.0001570	.0000859
%RSD	9.301716	.1500052	.4570377	.9914503	1.243054	6.020779

#1	.0207599	16.75769	.7017082	4.452890	.0126471	.0014834
#2	.0201845	16.70764	.7068126	4.384608	.0127828	.0013274
#3	.0173799	16.72933	.7008780	4.466737	.0124696	.0014677

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.488932	.0334861	.0593053	3.387434	.6414573	.0385043
Stddev	.141583	.0020979	.0013003	.080123	.0040669	.0010510
%RSD	28.95750	6.265131	2.192539	2.365299	.6340063	2.729613

#1	-.366530	.0353070	.0607841	3.297917	.6461166	.0389837
#2	-.643989	.0339593	.0587911	3.411948	.6396355	.0392301
#3	-.456278	.0311920	.0583408	3.452435	.6386198	.0372990

Sample Name: M2342-01LX5 Acquired: 05/21/2021 14:09:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY2L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000334	.2720719	F -49.5831	-.001658	.9290134	.0040655
Stddev	.000189	.0020847	.8101	.000927	.0022369	.0013426
%RSD	56.44824	.7662507	1.633918	55.88428	.2407808	33.02317

#1	-.000318	.2715948	-48.9781	-.002682	.9297680	.0043310
#2	-.000530	.2702670	-49.2677	-.001415	.9264967	.0052555
#3	-.000154	.2743538	-50.5035	-.000877	.9307753	.0026101

Elem	Sr4077
Units	ppm
Avg	.0423070
Stddev	.0002442
%RSD	.5771492

#1	.0420804
#2	.0425656
#3	.0422749

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.543	31639.78	6801.501	1139.708	2489.213
Stddev	6.170	38.55	39.410	1.177	3.308
%RSD	.3067543	.1218388	.5794376	.1032486	.1328793

#1	2006.219	31684.28	6814.854	1140.081	2485.637
#2	2010.103	31618.49	6832.500	1140.653	2489.839
#3	2018.306	31616.57	6757.149	1138.390	2492.162

Sample Name: M2342-04 Acquired: 05/21/2021 14:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9883295	.0046755	.4929453	.0629739	.0090309	72.33583
Stddev	.0037714	.0099130	.0031990	.0034160	.0025075	.23608
%RSD	.3815946	212.0184	.6489654	5.424441	27.76574	.3263719

#1	.9839857	.0011327	.4966300	.0606539	.0062186	72.12788
#2	.9902331	.0158731	.4913292	.0668966	.0110336	72.28715
#3	.9907698	-.002979	.4908767	.0613713	.0098406	72.59246

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.988453	.0017630	.0136718	56.04242	.0837572	.1660127
Stddev	.004164	.0001805	.0001601	.04994	.0007329	.0001451
%RSD	.1393224	10.23885	1.170786	.0891107	.8750051	.0874272

#1	2.991567	.0017940	.0135480	56.05709	.0833951	.1660790
#2	2.983724	.0019261	.0138525	56.08339	.0846007	.1661128
#3	2.990068	.0015690	.0136148	55.98679	.0832759	.1658462

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8410218	183.6815	F 57.85712	33.84970	.0885978	.0108423
Stddev	.0007665	1.1417	.62711	.16647	.0009403	.0002199
%RSD	.0911394	.6215756	1.083903	.4917917	1.061300	2.028251

#1	.8403100	182.6870	57.16059	33.69810	.0875307	.0105981
#2	.8418333	183.4293	58.37686	33.82315	.0889573	.0109041
#3	.8409222	184.9282	58.03392	34.02785	.0893052	.0110247

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9191221	.4414963	1.280436	24.31812	8.494801	.1992774
Stddev	.0339194	.0040440	.008587	.15299	.046830	.0034562
%RSD	3.690410	.9159782	.6706095	.6291115	.5512788	1.734364

#1	.9554988	.4374816	1.278588	24.26915	8.446229	.1972767
#2	.9135066	.4414382	1.272924	24.19561	8.539669	.1972871
#3	.8883609	.4455690	1.289796	24.48959	8.498505	.2032682

Sample Name: M2342-04 Acquired: 05/21/2021 14:13:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AY3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234319	4.320965	F -290.747	-.003932	6.601200	.0925098
Stddev	.0006368	.021317	1.046	.001578	.026319	.0005130
%RSD	2.717542	.4933328	.3598219	40.12671	.3987028	.5545465

#1	.0232523	4.313400	-289.545	-.002484	6.578773	.0925869
#2	.0241391	4.345033	-291.240	-.005614	6.594651	.0929799
#3	.0229042	4.304463	-291.455	-.003699	6.630175	.0919626

Elem	Sr4077
Units	ppm
Avg	.4690464
Stddev	.0010548
%RSD	.2248843

#1	.4693336
#2	.4678777
#3	.4699278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.711	33950.18	7360.110	1211.065	2456.013
Stddev	2.843	136.39	44.460	14.236	5.685
%RSD	.1341735	.4017504	.6040660	1.175505	.2314566

#1	2115.615	33944.28	7393.232	1211.332	2449.449
#2	2121.204	34089.43	7377.518	1225.165	2459.289
#3	2119.315	33816.83	7309.580	1196.697	2459.301

Sample Name: PB136309BL Acquired: 05/21/2021 14:17:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS309 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057710	.0012014	-.000814	.0008885	-.002413	-.011089
Stddev	.0018240	.0020750	.002460	.0048926	.001073	.008419
%RSD	31.60556	172.7234	302.2887	550.6382	44.48029	75.91570

#1	.0072254	.0033231	-.001777	.0018356	-.003340	-.004336
#2	.0063629	-.000824	-.002647	-.004408	-.002663	-.020522
#3	.0037246	.001105	.001982	.005238	-.001237	-.008410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004004	-.000052	.0000578	-.006384	-.000535	.0000798
Stddev	.000297	.000090	.0001161	.012616	.000297	.0001279
%RSD	7.409231	172.8032	200.8515	197.6244	55.51968	160.3753

#1	-.003687	.000000	.0001917	-.017103	-.000641	.0001349
#2	-.004051	-.000001	-.000005	-.009566	-.000200	-.000066
#3	-.004275	-.000156	-.000013	.007519	-.000765	.000171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005689	-.000456	.0006313	.0122550	-.000307	.0006442
Stddev	.002047	.004404	.0004833	.0107594	.000502	.0001507
%RSD	35.97832	965.9115	76.55110	87.79579	163.2748	23.39467

#1	-.007974	.001966	.0007321	.0073870	-.000825	.0005067
#2	-.004024	-.005539	.0001056	.0047900	.000176	.0008053
#3	-.005068	.002205	.0010563	.0245881	-.000273	.0006205

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.449020	-.002841	-.000747	-.301240	-.001794	-.005633
Stddev	.382294	.001796	.001227	.006704	.001687	.000768
%RSD	85.13976	63.21972	164.2481	2.225503	94.05493	13.62954

#1	-.697464	-.003238	-.002066	-.293819	-.002522	-.006158
#2	-.640797	-.004406	.000360	-.306859	-.002993	-.005990
#3	-.008798	-.000880	-.000534	-.303042	.000135	-.004752

Sample Name: PB136309BL Acquired: 05/21/2021 14:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS309 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000717	-.001618	F -.696956	.0000078	.0002969	-.005084
Stddev	.000573	.004057	.535767	.0002790	.0008873	.000875
%RSD	79.85950	250.7015	76.87247	3570.129	298.8006	17.20105

#1	-.000145	-.005781	-1.24395	.0002144	.0013141	-.004586
#2	-.001290	.002325	-.17317	.0001186	-.000318	-.004573
#3	-.000717	-.001399	-.67375	-.000310	-.000106	-.006094

Elem	Sr4077
Units	ppm
Avg	-.000034
Stddev	.000035
%RSD	105.6622

#1	-.000002
#2	-.000072
#3	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.163	30756.30	6615.635	1104.400	2449.438
Stddev	4.920	105.17	31.100	3.819	5.152
%RSD	.2519155	.3419597	.4701010	.3457838	.2103283

#1	1947.486	30854.27	6590.207	1107.248	2446.768
#2	1956.187	30645.16	6650.310	1100.061	2446.168
#3	1955.817	30769.47	6606.389	1105.892	2455.377

Sample Name: PB136309BS Acquired: 05/21/2021 14:21:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS309 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0279432	.0524724	.0201594	.0807613	.1233704	.3834928
Stddev	.0031288	.0064721	.0005452	.0026672	.0012160	.0075407
%RSD	11.19687	12.33432	2.704401	3.302579	.9856392	1.966328

#1	.0256420	.0453594	.0199249	.0808704	.1237433	.3779000
#2	.0315057	.0540435	.0207826	.0780413	.1220117	.3805096
#3	.0266818	.0580143	.0197707	.0833723	.1243563	.3920687

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3126190	.0110474	.0104709	10.44324	.0251756	.0996079
Stddev	.0047533	.0002152	.0001197	.01975	.0006049	.0003445
%RSD	1.520493	1.947981	1.142916	.1891005	2.402658	.3458300

#1	.3075468	.0110755	.0103975	10.45205	.0251546	.0992104
#2	.3133385	.0108195	.0106090	10.42063	.0245814	.0998204
#3	.3169715	.0112472	.0104062	10.45706	.0257906	.0997928

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418018	.2258147	.0327391	10.56604	.0875791	.0193071
Stddev	.0029267	.0048507	.0003396	.04871	.0011681	.0002147
%RSD	7.001393	2.148086	1.037296	.4609582	1.333755	1.111954

#1	.0446709	.2210286	.0323524	10.53160	.0863289	.0192991
#2	.0388207	.2256879	.0329886	10.54476	.0877657	.0195257
#3	.0419139	.2307275	.0328764	10.62177	.0886426	.0190966

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.364807	.1072653	.1109967	9.276573	.0167852	F .0136479
Stddev	.194146	.0015172	.0005487	.076713	.0017248	.0007826
%RSD	2.073141	1.414474	.4943640	.8269576	10.27559	5.734407

#1	9.190901	.1057249	.1105652	9.195442	.0164434	.0132908
#2	9.329245	.1087583	.1108107	9.286343	.0152570	.0145453
#3	9.574276	.1073128	.1116143	9.347933	.0186553	.0131075

Sample Name: PB136309BS Acquired: 05/21/2021 14:21:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS309 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216858	.1705702	F -1.35900	.0133798	.2106146	.0236940
Stddev	.0004452	.0052852	.18111	.0010875	.0011605	.0010886
%RSD	2.052713	3.098524	13.32691	8.127826	.5510099	4.594297

#1	.0213188	.1730187	-1.43509	.0136408	.2095368	.0226116
#2	.0215577	.1741871	-1.15226	.0143131	.2104639	.0236817
#3	.0221810	.1645049	-1.48966	.0121856	.2118431	.0247886

Elem	Sr4077
Units	ppm
Avg	.2182557
Stddev	.0002389
%RSD	.1094546

#1	.2182866
#2	.2180028
#3	.2184776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.894	31467.37	6740.305	1130.248	2484.954
Stddev	4.688	169.66	18.775	3.324	4.227
%RSD	.2365437	.5391529	.2785458	.2940710	.1701201

#1	1977.508	31375.02	6741.528	1126.425	2489.624
#2	1986.835	31363.93	6758.438	1132.457	2483.847
#3	1981.340	31663.17	6720.948	1131.861	2481.389

Sample Name: M2289-01 Acquired: 05/21/2021 14:25:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164544	-.009666	.1549778	.0198144	-.002148	44.02639
Stddev	.0007568	.002460	.0020160	.0033172	.001757	.05187
%RSD	.6498965	25.45218	1.300851	16.74133	81.77755	.1178268

#1	.1166968	-.012467	.1527065	.0163206	-.002112	43.98377
#2	.1156061	-.008675	.1565556	.0202015	-.003923	44.01124
#3	.1170604	-.007856	.1556712	.0229210	-.000410	44.08415

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.386450	.0035735	.0013769	22.37118	.0929728	.0314577
Stddev	.003754	.0001341	.0000723	.08624	.0002800	.0004986
%RSD	.2707789	3.752795	5.254198	.3855081	.3011865	1.584870

#1	1.385149	.0035782	.0014104	22.46149	.0932150	.0309405
#2	1.390681	.0034371	.0014263	22.36239	.0930370	.0314973
#3	1.383518	.0037051	.0012938	22.28968	.0926662	.0319353

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1496149	81.20140	4.339546	23.44338	.0565694	.0055216
Stddev	.0033026	.41832	.009690	.10041	.0000755	.0005127
%RSD	2.207425	.5151578	.2232976	.4282892	.1335065	9.285268

#1	.1503227	81.04940	4.348846	23.46885	.0565579	.0053375
#2	.1460157	80.88033	4.340284	23.33269	.0565003	.0051264
#3	.1525062	81.67446	4.329508	23.52860	.0566500	.0061009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.030254	.1864844	.4436543	18.09273	3.320518	.2109954
Stddev	.050379	.0013420	.0039876	.06514	.019545	.0015035
%RSD	4.889948	.7196104	.8988051	.3600355	.5886101	.7125745

#1	.973213	.1880247	.4410126	18.08032	3.299632	.2107997
#2	1.068663	.1855676	.4482412	18.03469	3.323556	.2125872
#3	1.048885	.1858609	.4417091	18.16319	3.338366	.2095993

Sample Name: M2289-01 Acquired: 05/21/2021 14:25:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021836	2.226854	F -103.965	-.004099	4.057442	.0394705
Stddev	.0003441	.007712	2.084	.000436	.007806	.0025262
%RSD	15.75739	.3463236	2.004927	10.64834	.1923913	6.400093

#1	.0025551	2.225073	-105.735	-.003603	4.057773	.0417156
#2	.0018759	2.220187	-101.667	-.004424	4.049476	.0367352
#3	.0021197	2.235300	-104.492	-.004269	4.065078	.0399606

Elem	Sr4077
Units	ppm
Avg	.3357773
Stddev	.0001797
%RSD	.0535237

#1	.3359519
#2	.3357873
#3	.3355929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.479	33727.68	7251.114	1215.886	2522.504
Stddev	1.267	211.62	39.545	6.101	2.193
%RSD	.0597429	.6274250	.5453607	.5017474	.0869283

#1	2119.389	33955.68	7237.928	1222.270	2525.015
#2	2120.179	33537.57	7295.567	1210.115	2521.525
#3	2121.869	33689.80	7219.847	1215.273	2520.970

Sample Name: M2289-02 Acquired: 05/21/2021 14:29:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1170306	-.004958	.1538063	.0222708	-.001308	44.25959
Stddev	.0016765	.006699	.0024082	.0013933	.002359	.13950
%RSD	1.432543	135.1250	1.565712	6.256332	180.3967	.3151895

#1	.1181271	.001980	.1516657	.0206974	-.003390	44.41838
#2	.1151007	-.011390	.1533395	.0233484	.001255	44.15675
#3	.1178640	-.005463	.1564137	.0227666	-.001788	44.20364

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.394725	.0036960	.0014899	22.39998	.0932576	.0314992
Stddev	.001548	.0001632	.0001524	.00227	.0010601	.0000494
%RSD	.1109770	4.415943	10.22600	.0101301	1.136724	.1567660

#1	1.393302	.0035278	.0013938	22.39885	.0943393	.0315562
#2	1.394499	.0038538	.0014104	22.39850	.0932131	.0314732
#3	1.396373	.0037065	.0016656	22.40259	.0922205	.0314683

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1481370	80.86820	4.275048	23.51513	.0578704	.0051761
Stddev	.0021047	.50989	.013874	.21323	.0014276	.0001547
%RSD	1.420755	.6305146	.3245448	.9067648	2.466891	2.988086

#1	.1469510	81.45039	4.259166	23.75101	.0594443	.0049975
#2	.1468929	80.50112	4.284814	23.45831	.0575081	.0052633
#3	.1505670	80.65309	4.281164	23.33607	.0566589	.0052674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.004238	.1865381	.4486163	18.27623	3.347660	.2088236
Stddev	.084383	.0018381	.0030451	.04329	.014542	.0021913
%RSD	8.402677	.9853810	.6787859	.2368860	.4343962	1.049333

#1	1.076011	.1859402	.4496016	18.28884	3.352635	.2113236
#2	1.025422	.1850734	.4452005	18.22803	3.359061	.2079111
#3	.911282	.1886008	.4510468	18.31182	3.331283	.2072360

Sample Name: M2289-02 Acquired: 05/21/2021 14:29:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023551	2.238295	F -104.545	-.004193	4.083654	.0402754
Stddev	.0001123	.015823	1.266	.000781	.011580	.0009506
%RSD	4.768953	.7069409	1.211239	18.62985	.2835639	2.360225

#1	.0024823	2.220035	-106.002	-.003292	4.096153	.0412080
#2	.0022696	2.246862	-103.927	-.004605	4.081518	.0403106
#3	.0023134	2.247988	-103.706	-.004682	4.073291	.0393078

Elem	Sr4077
Units	ppm
Avg	.3371963
Stddev	.0004963
%RSD	.1471818

#1	.3377564
#2	.3370213
#3	.3368113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.996	33414.22	7200.608	1197.348	2504.773
Stddev	4.420	174.01	32.827	3.679	2.562
%RSD	.2097604	.5207724	.4558875	.3072778	.1022681

#1	2111.584	33262.88	7163.499	1193.183	2501.864
#2	2106.638	33604.36	7225.853	1200.157	2506.691
#3	2102.766	33375.44	7212.473	1198.702	2505.763

Sample Name: M2289-01LX5 Acquired: 05/21/2021 14:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268348	-.002595	.0301540	.0040089	.0001466	8.700651
Stddev	.0025036	.003890	.0014455	.0025508	.0015003	.012016
%RSD	9.329584	149.8843	4.793783	63.62963	1023.543	.1381053

#1	.0282535	-.000657	.0315736	.0048614	-.001361	8.692813
#2	.0239441	-.000056	.0302046	.0011410	.000160	8.694655
#3	.0283067	-.007073	.0286839	.0060243	.001640	8.714486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2723060	.0007696	.0003562	4.471708	.0185558	.0059228
Stddev	.0004214	.0000674	.0000382	.018297	.0003648	.0002896
%RSD	.1547541	8.755216	10.73563	.4091765	1.965765	4.889721

#1	.2727312	.0007079	.0003158	4.481676	.0184827	.0058398
#2	.2722984	.0007592	.0003610	4.482858	.0189516	.0062449
#3	.2718885	.0008415	.0003918	4.450592	.0182331	.0056838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259147	16.33304	.8939067	4.646309	.0106177	.0013831
Stddev	.0011906	.06951	.0006606	.019918	.0004754	.0003393
%RSD	4.594212	.4255908	.0738992	.4286927	4.477196	24.52975

#1	.0245982	16.25292	.8943188	4.626868	.0102285	.0016504
#2	.0262302	16.37728	.8942566	4.666673	.0104771	.0014974
#3	.0269158	16.36891	.8931448	4.645386	.0111475	.0010014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.044347	.0363545	.0899419	3.275591	.6466787	.0376090
Stddev	.255585	.0048969	.0020135	.110075	.0048075	.0002485
%RSD	576.3366	13.46975	2.238655	3.360475	.7434173	.6606642

#1	-.055154	.0312081	.0876569	3.402695	.6498551	.0377481
#2	-.294357	.0368991	.0914562	3.212224	.6490333	.0377568
#3	.216471	.0409562	.0907126	3.211853	.6411478	.0373222

Sample Name: M2289-01LX5 Acquired: 05/21/2021 14:37:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000249	.4229835	F -20.1726	-.000709	.8034190	.0038075
Stddev	.000299	.0061826	.1489	.003466	.0024598	.0010339
%RSD	119.8750	1.461654	.7381928	488.9632	.3061661	27.15522

#1	-.000158	.4170600	-20.0524	.001963	.8015314	.0042095
#2	-.000584	.4224943	-20.3392	-.004625	.8025247	.0045800
#3	-.000007	.4293961	-20.1262	.000536	.8062008	.0026329

Elem	Sr4077
Units	ppm
Avg	.0672754
Stddev	.0001858
%RSD	.2761471

#1	.0670851
#2	.0672847
#3	.0674564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.743	31789.41	6848.020	1143.363	2493.063
Stddev	4.899	39.73	4.845	4.045	7.343
%RSD	.2439836	.1249743	.0707489	.3538098	.2945213

#1	2006.349	31755.11	6844.537	1139.110	2485.381
#2	2013.188	31832.94	6845.970	1147.163	2500.011
#3	2003.693	31780.19	6853.552	1143.814	2493.797

Sample Name: M2289-04 Acquired: 05/21/2021 14:41:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1175418	-.008477	.1327789	.0179535	-.000657	47.86249
Stddev	.0035743	.001972	.0009592	.0037594	.003128	.15358
%RSD	3.040909	23.26786	.7223945	20.93958	475.7755	.3208878

#1	.1216534	-.010748	.1338472	.0209755	-.000187	47.81717
#2	.1151740	-.007491	.1324979	.0191413	-.003993	48.03364
#3	.1157982	-.007192	.1319916	.0137437	.002208	47.73667

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.999573	.0037818	.0000487	16.92433	.1087073	.0256506
Stddev	.000950	.0000793	.0001030	.03878	.0006082	.0002536
%RSD	.0475151	2.096941	211.1593	.2291478	.5594458	.9888466

#1	1.999582	.0037566	.0001176	16.89936	.1089309	.0253786
#2	1.998619	.0038706	.0000983	16.90462	.1091721	.0258807
#3	2.000519	.0037181	-.000070	16.96901	.1080190	.0256923

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1876744	72.52146	1.257959	25.25441	.0546608	.0048812
Stddev	.0014931	.47996	.004045	.20049	.0005269	.0002695
%RSD	.7955929	.6618246	.3215541	.7938905	.9639436	5.521978

#1	.1862361	72.38843	1.256851	25.24023	.0552557	.0049284
#2	.1892169	73.05390	1.254584	25.46161	.0542527	.0045911
#3	.1875703	72.12204	1.262443	25.06138	.0544740	.0051240

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9432758	.2027435	.3073783	21.15315	3.500702	.2146358
Stddev	.2252752	.0013590	.0019004	.08434	.027298	.0006856
%RSD	23.88222	.6703049	.6182699	.3987178	.7797866	.3194252

#1	.7003269	.2042455	.3076694	21.12737	3.511430	.2153265
#2	1.145253	.2015989	.3091163	21.24737	3.521006	.2139554
#3	.984247	.2023862	.3053491	21.08470	3.469670	.2146255

Sample Name: M2289-04 Acquired: 05/21/2021 14:41:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000007	.8499976	F -121.648	-.006816	5.299221	.0231255
Stddev	.0000925	.0020389	.841	.003619	.012704	.0005826
%RSD	12602.20	.2398691	.6911617	53.09132	.2397400	2.519328

#1	-.000013	.8519924	-120.996	-.008022	5.293542	.0234479
#2	-.000084	.8479173	-121.351	-.009679	5.313774	.0234757
#3	.000099	.8500832	-122.597	-.002749	5.290347	.0224530

Elem	Sr4077
Units	ppm
Avg	.1229792
Stddev	.0002937
%RSD	.2388443

#1	.1226565
#2	.1230502
#3	.1232310

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.664	33236.27	7111.532	1196.067	2509.479
Stddev	4.899	143.63	15.446	5.787	3.663
%RSD	.2342348	.4321466	.2171943	.4838620	.1459689

#1	2095.525	33338.35	7120.397	1200.745	2506.728
#2	2093.316	33072.03	7093.697	1189.595	2513.637
#3	2086.153	33298.42	7120.503	1197.861	2508.071

Sample Name: M2289-05 Acquired: 05/21/2021 14:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362121	-.010109	.0954810	.0182511	-.002332	43.14743
Stddev	.0030338	.000999	.0006452	.0026856	.001406	.09525
%RSD	8.377921	9.886227	.6757487	14.71481	60.28552	.2207650

#1	.0396283	-.009098	.0952676	.0202788	-.002402	43.04005
#2	.0351757	-.010134	.0962059	.0192691	-.000893	43.22176
#3	.0338323	-.011096	.0949695	.0152053	-.003702	43.18048

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.895679	.0039362	.0013797	19.90365	.1052035	.0224324
Stddev	.001868	.0000305	.0001127	.02978	.0011689	.0002983
%RSD	.0985252	.7738895	8.167045	.1496261	1.111121	1.329889

#1	1.894463	.0039565	.0014672	19.87841	.1048965	.0227630
#2	1.894744	.0039011	.0012526	19.93649	.1064953	.0221834
#3	1.897830	.0039509	.0014194	19.89605	.1042187	.0223507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0846625	68.12009	.9006533	25.37506	.0508565	.0043528
Stddev	.0032218	.35696	.0011938	.16447	.0001575	.0000452
%RSD	3.805483	.5240217	.1325523	.6481400	.3097695	1.038155

#1	.0841588	67.72385	.9009785	25.22951	.0507553	.0043534
#2	.0881065	68.21987	.9016508	25.55348	.0507761	.0043073
#3	.0817222	68.41654	.8993305	25.34218	.0510380	.0043976

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.029995	.1629444	.3443172	23.16718	2.595140	.1684251
Stddev	.446261	.0034489	.0018275	.03485	.003374	.0011671
%RSD	43.32654	2.116610	.5307667	.1504360	.1300193	.6929313

#1	1.351118	.1654239	.3442646	23.14493	2.596943	.1696877
#2	.520422	.1590058	.3425166	23.14926	2.591248	.1673858
#3	1.218445	.1644035	.3461705	23.20734	2.597231	.1682020

Sample Name: M2289-05 Acquired: 05/21/2021 14:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013497	2.785729	F -82.4769	-.002517	4.566878	.0377271
Stddev	.0001532	.004213	1.0010	.003408	.017912	.0011007
%RSD	11.35058	.1512409	1.213708	135.3957	.3922121	2.917590

#1	.0014862	2.782578	-81.8502	-.006424	4.547028	.0371655
#2	.0011840	2.790514	-83.6313	-.000155	4.571773	.0370204
#3	.0013789	2.784094	-81.9491	-.000972	4.581834	.0389953

Elem	Sr4077
Units	ppm
Avg	.3479872
Stddev	.0005046
%RSD	.1450143

#1	.3475965
#2	.3478082
#3	.3485569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.353	33359.79	7182.160	1201.569	2495.217
Stddev	3.666	92.17	49.519	2.427	1.155
%RSD	.1753973	.2762814	.6894680	.2020220	.0463065

#1	2094.043	33414.64	7235.818	1201.110	2496.329
#2	2090.304	33411.35	7138.222	1204.193	2495.301
#3	2086.711	33253.38	7172.439	1199.404	2494.022

Sample Name: M2289-06 Acquired: 05/21/2021 14:49:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4885839	-.000661	1.539892	.0499827	.0051028	79.44647
Stddev	.0093899	.001957	.000911	.0031197	.0013466	.14397
%RSD	1.921869	295.9032	.0591568	6.241495	26.38876	.1812136

#1	.4778867	.001280	1.540494	.0535626	.0052918	79.28028
#2	.4954649	-.000630	1.540339	.0478456	.0063450	79.52613
#3	.4924001	-.002633	1.538844	.0485398	.0036718	79.53300

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.840706	.0051672	.0134042	64.15520	.1116449	.0538301
Stddev	.001872	.0001213	.0001207	.02650	.0011780	.0004143
%RSD	.1016952	2.348043	.9002647	.0413019	1.055118	.7696185

#1	1.838560	.0051295	.0135405	64.18308	.1125784	.0534314
#2	1.842003	.0053029	.0133611	64.13034	.1120350	.0538006
#3	1.841555	.0050692	.0133110	64.15218	.1103214	.0542584

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7321287	119.6774	F 37.72263	30.76951	.0956830	.0300217
Stddev	.0050536	.1495	.10217	.02977	.0003581	.0001163
%RSD	.6902594	.1249533	.2708383	.0967407	.3743015	.3874124

#1	.7304274	119.7048	37.80264	30.78789	.0957599	.0299904
#2	.7378134	119.8114	37.75772	30.73517	.0952926	.0301504
#3	.7281453	119.5161	37.60755	30.78548	.0959964	.0299242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.680093	.3001001	3.421333	24.10401	4.859330	.1778512
Stddev	.081527	.0066388	.047398	.18002	.012292	.0024693
%RSD	4.852501	2.212204	1.385375	.7468562	.2529592	1.388398

#1	1.746274	.3010093	3.372005	24.19356	4.863156	.1762913
#2	1.589023	.3062375	3.425463	24.22170	4.845580	.1765643
#3	1.704982	.2930535	3.466532	23.89678	4.869254	.1806982

Sample Name: M2289-06 Acquired: 05/21/2021 14:49:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242698	12.40844	F -222.241	-.000011	3.380847	.1089194
Stddev	.0007752	.01083	2.543	.000935	.009739	.0007500
%RSD	3.194082	.0873135	1.144043	8413.528	.2880721	.6886163

#1	.0246295	12.41526	-225.096	.000858	3.370097	.1087043
#2	.0233801	12.39595	-221.406	-.001000	3.383362	.1097535
#3	.0247997	12.41413	-220.221	.000108	3.389083	.1083004

Elem	Sr4077
Units	ppm
Avg	.5811498
Stddev	.0020456
%RSD	.3519974

#1	.5816398
#2	.5829059
#3	.5789036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.426	34721.78	7510.962	1233.488	2436.999
Stddev	5.485	72.09	34.741	10.671	4.344
%RSD	.2527171	.2076183	.4625361	.8651400	.1782664

#1	2174.561	34801.24	7471.393	1242.653	2438.863
#2	2172.515	34703.50	7525.034	1236.039	2440.100
#3	2164.204	34660.59	7536.459	1221.773	2432.033

Sample Name: M2289-07 Acquired: 05/21/2021 14:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.387898	-.011387	3.459851	.0470414	.0087991	133.4702
Stddev	.005731	.003330	.010815	.0020473	.0024627	.4423
%RSD	.4129369	29.24268	.3125941	4.352018	27.98792	.3314098

#1	1.388128	-.015164	3.447449	.0480800	.0060342	133.0284
#2	1.382055	-.010118	3.464786	.0446830	.0107572	133.4692
#3	1.393510	-.008878	3.467319	.0483611	.0096059	133.9131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.929276	.0098464	.0208940	37.70057	.1235720	.0890965
Stddev	.001616	.0000234	.0000954	.00725	.0000428	.0007902
%RSD	.0837506	.2372230	.4564521	.0192236	.0346426	.8869088

#1	1.927447	.0098313	.0208199	37.70893	.1236181	.0881889
#2	1.929869	.0098733	.0208606	37.69652	.1235336	.0896317
#3	1.930511	.0098346	.0210016	37.69625	.1235641	.0894689

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.655205	199.4653	7.002628	44.29317	.1288062	.0722577
Stddev	.004686	1.2016	.020299	.10203	.0004729	.0009668
%RSD	.2830962	.6023973	.2898755	.2303410	.3671209	1.337954

#1	1.656502	198.0779	7.022796	44.22067	.1282742	.0728891
#2	1.650007	200.1495	6.982200	44.24902	.1291788	.0711448
#3	1.659106	200.1685	7.002887	44.40984	.1289655	.0727394

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9665082	.4354809	2.436987	35.97833	6.953623	.1690234
Stddev	.1547321	.0032577	.021260	.11483	.040825	.0034481
%RSD	16.00939	.7480579	.8723816	.3191746	.5871103	2.039995

#1	.8320527	.4320651	2.412569	35.86804	6.916627	.1652410
#2	1.135634	.4358244	2.451386	35.96971	6.946820	.1719913
#3	.931837	.4385532	2.447005	36.09723	6.997423	.1698380

Sample Name: M2289-07 Acquired: 05/21/2021 14:53:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419184	8.271702	F -270.863	.0101067	4.901672	.1647757
Stddev	.0011510	.046291	1.185	.0029123	.015451	.0015678
%RSD	2.745821	.5596287	.4375090	28.81519	.3152153	.9514500

#1	.0431098	8.258271	-272.227	.0088221	4.885955	.1633099
#2	.0418330	8.233612	-270.091	.0080576	4.902221	.1664286
#3	.0408125	8.323223	-270.270	.0134404	4.916842	.1645884

Elem	Sr4077
Units	ppm
Avg	.4162769
Stddev	.0006755
%RSD	.1622666

#1	.4157273
#2	.4160723
#3	.4170310

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.706	37397.96	8113.546	1335.498	2428.574
Stddev	.835	84.65	34.657	3.151	1.857
%RSD	.0359094	.2263566	.4271477	.2359627	.0764767

#1	2326.122	37481.56	8083.149	1339.106	2428.209
#2	2326.251	37312.29	8151.286	1333.284	2430.587
#3	2324.744	37400.04	8106.202	1334.105	2426.927

Sample Name: M2289-08 Acquired: 05/21/2021 14:57:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AM5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4132177	-.000652	.8511372	.0446695	.0045514	31.52403
Stddev	.0051860	.003100	.0035835	.0033318	.0011449	.86806
%RSD	1.255035	475.7185	.4210281	7.458734	25.15498	2.753648

#1	.4076503	-.002699	.8475715	.0461500	.0038482	32.52638
#2	.4140917	-.002171	.8547383	.0408541	.0058725	31.02308
#3	.4179112	.002915	.8511018	.0470045	.0039335	31.02263

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6363109	.0042097	.0055547	17.21654	.0535462	.0293906
Stddev	.0172798	.0001155	.0001051	.46493	.0008968	.0003530
%RSD	2.715623	2.743248	1.891909	2.700507	1.674761	1.201214

#1	.6562358	.0042955	.0054338	17.74474	.0541821	.0291057
#2	.6272668	.0040784	.0056060	17.03561	.0525205	.0292804
#3	.6254303	.0042552	.0056243	16.86927	.0539360	.0297856

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3705633	76.04012	14.70511	15.79943	.0402158	.0308022
Stddev	.0110075	2.23698	.40641	.38655	.0004664	.0006740
%RSD	2.970474	2.941837	2.763722	2.446597	1.159633	2.188286

#1	.3832538	78.62274	15.17073	16.24566	.0399040	.0315008
#2	.3636038	74.70897	14.52293	15.58510	.0407520	.0301558
#3	.3648323	74.78863	14.42167	15.56753	.0399915	.0307498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2933459	.1540598	1.613161	11.31072	2.295115	.1620445
Stddev	.3799173	.0041189	.008356	.38545	.038699	.0035660
%RSD	129.5117	2.673583	.5179997	3.407795	1.686142	2.200597

#1	.6761921	.1584859	1.620422	11.75439	2.315199	.1661567
#2	.2874187	.1533545	1.604027	11.11942	2.250503	.1598062
#3	-.083573	.1503392	1.615034	11.05834	2.319643	.1601707

Sample Name: M2289-08 Acquired: 05/21/2021 14:57:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413350	17.17347	F -89.7375	-.001501	2.625917	.0531378
Stddev	.0000543	.15522	3.9138	.000372	.069577	.0028958
%RSD	.1312892	.9038131	4.361379	24.78004	2.649612	5.449519

#1	.0412950	17.27883	-94.1465	-.001907	2.706238	.0563077
#2	.0413968	16.99522	-88.3925	-.001421	2.587264	.0524746
#3	.0413133	17.24634	-86.6736	-.001176	2.584249	.0506312

Elem	Sr4077
Units	ppm
Avg	.1394483
Stddev	.0038848
%RSD	2.785826

#1	.1439340
#2	.1372251
#3	.1371858

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.556	34163.62	7277.977	1227.599	2491.059
Stddev	6.312	80.10	175.392	2.692	5.193
%RSD	.2944407	.2344564	2.409900	.2192678	.2084621

#1	2142.953	34249.18	7080.913	1227.846	2493.210
#2	2137.568	34151.25	7336.052	1224.792	2485.137
#3	2150.148	34090.42	7416.966	1230.159	2494.831

Sample Name: M2289-09 Acquired: 05/21/2021 15:01:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4037206	.0208719	.8151271	.0390268	.0106368	24.98767
Stddev	.0006123	.0019347	.0023750	.0048326	.0024558	.06900
%RSD	.1516694	9.269518	.2913655	12.38276	23.08748	.2761437

#1	.4032589	.0189056	.8129035	.0353113	.0085435	25.06515
#2	.4044152	.0227734	.8176290	.0444902	.0100267	24.93284
#3	.4034877	.0209367	.8148489	.0372789	.0133401	24.96503

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.155193	-.000457	.0205144	14.07366	.0806586	.0349627
Stddev	.008169	.000157	.0000367	.07250	.0004781	.0001770
%RSD	.3790497	34.29287	.1790034	.5151466	.5927536	.5062333

#1	2.156089	-.000447	.0205473	14.13641	.0809792	.0351091
#2	2.146613	-.000618	.0205210	13.99430	.0801091	.0347660
#3	2.162877	-.000305	.0204748	14.09029	.0808875	.0350131

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4103393	71.88713	F 71.12024	13.30115	.0695584	.0673475
Stddev	.0018023	.48897	.41797	.08668	.0001676	.0005213
%RSD	.4392133	.6801964	.5876905	.6516485	.2409348	.7740590

#1	.4082632	72.38519	71.47605	13.39115	.0697505	.0667467
#2	.4112536	71.86840	70.65994	13.29408	.0694420	.0676161
#3	.4115012	71.40778	71.22474	13.21823	.0694828	.0676798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5965552	.2982658	4.729455	12.61324	2.750715	.8367495
Stddev	.2665905	.0079310	.062336	.10405	.007209	.0070941
%RSD	44.68832	2.659044	1.318039	.8249361	.2620737	.8478131

#1	.8318290	.3069158	4.737392	12.73292	2.756361	.8392829
#2	.6508344	.2965452	4.787442	12.56257	2.742595	.8287365
#3	.3070021	.2913362	4.663531	12.54423	2.753188	.8422291

Sample Name: M2289-09 Acquired: 05/21/2021 15:01:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741338	4.760028	F -105.822	-.001334	1.973535	.0170199
Stddev	.0002396	.001686	1.734	.003193	.008477	.0005856
%RSD	.3232532	.0354300	1.638136	239.2598	.4295563	3.440929

#1	.0740822	4.761403	-106.033	-.003008	1.982477	.0175344
#2	.0743950	4.760535	-103.993	.002347	1.972514	.0171427
#3	.0739241	4.758146	-107.440	-.003343	1.965615	.0163826

Elem	Sr4077
Units	ppm
Avg	.3849596
Stddev	.0009489
%RSD	.2464970

#1	.3856597
#2	.3838796
#3	.3853396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.317	33747.82	7276.000	1209.411	2495.929
Stddev	4.565	189.73	40.549	7.776	5.736
%RSD	.2156133	.5621869	.5573026	.6429328	.2297997

#1	2122.213	33751.88	7286.520	1215.097	2493.004
#2	2116.561	33556.10	7310.253	1200.550	2502.538
#3	2113.177	33935.49	7231.228	1212.586	2492.246

Sample Name: M2289-10 Acquired: 05/21/2021 15:05:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AU9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959831	-.001250	2.616047	.0690814	.0001800	150.4534
Stddev	.0076796	.002819	.011364	.0018245	.0029425	.2780
%RSD	1.548366	225.4693	.4344040	2.641140	1634.648	.1847888

#1	.5037377	-.003849	2.628228	.0669817	.0023783	150.2183
#2	.4883807	-.001648	2.605730	.0699822	.0013246	150.3816
#3	.4958307	.001747	2.614183	.0702803	-.003163	150.7602

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358189	.0124368	.0157481	60.77141	.0943714	.2119585
Stddev	.001689	.0000737	.0002391	.06025	.0003196	.0004453
%RSD	.1243928	.5925993	1.518041	.0991375	.3386923	.2100650

#1	1.360119	.0125194	.0159885	60.71861	.0940207	.2116002
#2	1.356974	.0123778	.0155104	60.83704	.0944471	.2124570
#3	1.357476	.0124131	.0157454	60.75858	.0946463	.2118184

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.275347	299.0170	22.98964	67.47132	.1399050	.1236189
Stddev	.012405	1.5732	.04878	.18982	.0015688	.0003620
%RSD	.3787361	.5261206	.2121851	.2813312	1.121316	.2928303

#1	3.288431	298.0558	23.01868	67.35936	.1400852	.1235558
#2	3.273855	298.1628	23.01690	67.36412	.1413759	.1232926
#3	3.263756	300.8326	22.93332	67.69048	.1382539	.1240083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.327358	.5368183	5.443468	41.65113	8.280225	.5052464
Stddev	.165489	.0021650	.067400	.13620	.034873	.0008521
%RSD	12.46758	.4032942	1.238177	.3270047	.4211544	.1686500

#1	1.290187	.5393133	5.520088	41.67830	8.278441	.5044110
#2	1.183615	.5354355	5.393334	41.50339	8.246279	.5052139
#3	1.508272	.5357061	5.416983	41.77169	8.315955	.5061142

Sample Name: M2289-10 Acquired: 05/21/2021 15:05:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AU9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253545	6.835826	F -264.634	.0081608	3.684356	.1584957
Stddev	.0003683	.022611	2.042	.0020276	.005465	.0013652
%RSD	1.452492	.3307732	.7716951	24.84573	.1483309	.8613226

#1	.0256584	6.831662	-262.363	.0089237	3.687283	.1584013
#2	.0254602	6.815586	-266.318	.0096962	3.678051	.1571802
#3	.0249450	6.860229	-265.222	.0058624	3.687734	.1599057

Elem	Sr4077
Units	ppm
Avg	.1697569
Stddev	.0012333
%RSD	.7264970

#1	.1710057
#2	.1697251
#3	.1685398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.778	39960.69	8796.376	1414.074	2372.278
Stddev	1.879	57.59	37.044	11.534	3.492
%RSD	.0750920	.1441190	.4211235	.8156663	.1472082

#1	2503.250	39894.20	8839.074	1401.077	2368.503
#2	2504.376	39995.11	8772.822	1418.054	2372.937
#3	2500.707	39992.75	8777.230	1423.091	2375.394

Sample Name: CCV071 Acquired: 05/21/2021 15:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945925	5.010366	24.58618	5.157987	5.138521	398.8123
Stddev	.010010	.059848	.03663	.006736	.005468	1.6357
%RSD	.2023923	1.194486	.1489944	.1305872	.1064197	.4101520

#1	4.955515	5.074901	24.62492	5.151805	5.133240	396.9575
#2	4.935542	4.956693	24.55210	5.165165	5.144159	400.0487
#3	4.946716	4.999502	24.58153	5.156991	5.138164	399.4307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21995	.4846865	2.457790	393.4120	15.10691	2.489243
Stddev	.00417	.0037440	.004560	.7296	.01907	.001830
%RSD	.0407797	.7724493	.1855397	.1854570	.1262447	.0735252

#1	10.22465	.4820717	2.460765	394.2479	15.10560	2.491244
#2	10.21670	.4889754	2.452540	392.9028	15.08853	2.487653
#3	10.21850	.4830125	2.460066	393.0854	15.12660	2.488833

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97406	407.5795	14.60209	393.1636	2.488429	1.277430
Stddev	.00882	3.9024	.04010	3.4444	.002611	.005174
%RSD	.0589221	.9574465	.2746516	.8760744	.1049286	.4050465

#1	14.96389	403.1522	14.64801	389.2898	2.490242	1.282511
#2	14.97960	410.5195	14.58435	395.8811	2.485437	1.277612
#3	14.97869	409.0667	14.57392	394.3198	2.489609	1.272168

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.5787	2.517417	15.40625	150.8576	5.182631	4.859346
Stddev	2.6379	.019236	.00609	.5405	.049012	.041618
%RSD	.6618376	.7641178	.0395372	.3583000	.9456963	.8564571

#1	395.7439	2.495278	15.40952	151.0175	5.235141	4.826008
#2	400.9613	2.526940	15.39922	151.3001	5.138095	4.905990
#3	399.0309	2.530035	15.41001	150.2551	5.174656	4.846041

Sample Name: CCV071 Acquired: 05/21/2021 15:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.063518	5.227980	F 12.51528	5.018210	5.044736	5.205926
Stddev	.007508	.049569	.33213	.018360	.019956	.017730
%RSD	.1482800	.9481571	2.653801	.3658767	.3955785	.3405770

#1	5.059347	5.280728	12.63919	5.020629	5.022726	5.185471
#2	5.059021	5.182361	12.13901	4.998760	5.049836	5.215418
#3	5.072185	5.220850	12.76765	5.035241	5.061648	5.216890

Elem	Sr4077
Units	ppm
Avg	4.882163
Stddev	.033355
%RSD	.6831956

#1	4.876353
#2	4.918041
#3	4.852095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1705.310	28753.61	6484.752	952.1798	2032.485
Stddev	1.263	57.28	38.683	6.4678	4.292
%RSD	.0740457	.1992199	.5965196	.6792592	.2111750

#1	1704.801	28736.45	6488.074	946.2647	2027.554
#2	1704.381	28817.51	6444.515	951.1889	2034.521
#3	1706.747	28706.87	6521.667	959.0858	2035.381

Sample Name: CCB071 Acquired: 05/21/2021 15:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036334	.0017294	.0001516	.0032557	-.000601	-.009207
Stddev	.0050379	.0014104	.0020505	.0013120	.001724	.010199
%RSD	138.6526	81.55687	1352.985	40.29723	286.6606	110.7789

#1	.0078578	.0008413	.0025189	.0047663	.000207	.001628
#2	.0049848	.0009912	-.000995	.0024008	-.002580	-.018621
#3	-.001942	.0033557	-.001069	.0026001	.000570	-.010627

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004761	.0000573	.0000155	.0030911	.0006846	.0000595
Stddev	.000552	.0000742	.0000822	.0117448	.0000718	.0001025
%RSD	11.59572	129.5172	530.0232	379.9544	10.48142	172.3657

#1	-.005398	-.000000	-.000043	.0160771	.0006951	.0001166
#2	-.004425	.000031	-.000020	-.000016	.0006082	.0001206
#3	-.004460	.000141	.000110	-.006788	.0007506	-.000059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004607	.0109033	.0003724	.0100398	-.000520	.0008359
Stddev	.001598	.0058732	.0004352	.0063904	.000178	.0001243
%RSD	34.69095	53.86672	116.8849	63.65038	34.18926	14.87567

#1	-.003933	.0174972	.0001233	.0071919	-.000515	.0008879
#2	-.003456	.0089791	.0001189	.0055685	-.000700	.0006940
#3	-.006431	.0062334	.0008750	.0173591	-.000345	.0009258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.456441	-.002125	.0010588	-.255517	-.001932	.0056203
Stddev	.300272	.001135	.0020781	.023600	.002321	.0006005
%RSD	65.78553	53.41381	196.2620	9.236268	120.1182	10.68366

#1	-.671945	-.001739	-.001286	-.228400	-.002147	.0052044
#2	-.583916	-.003403	.002672	-.266738	-.004138	.0063087
#3	-.113462	-.001234	.001791	-.271414	.000489	.0053479

Sample Name: CCB071 Acquired: 05/21/2021 15:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015067	-.001368	F 1.643527	-.001279	.0013938	-.003350
Stddev	.0003737	.002760	1.193814	.001056	.0009214	.000888
%RSD	24.80126	201.7025	72.63729	82.53873	66.11149	26.51340

#1	.0019382	-.000217	1.081198	-.002210	.0023480	-.004374
#2	.0012884	-.004518	.834724	-.000132	.0013242	-.002792
#3	.0012936	.000630	3.014660	-.001495	.0005091	-.002883

Elem	Sr4077
Units	ppm
Avg	-.000038
Stddev	.000051
%RSD	132.1946

#1	-.000027
#2	.000006
#3	-.000094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.749	31004.45	6816.379	1113.935	2463.702
Stddev	2.689	54.99	126.650	7.009	3.504
%RSD	.1370249	.1773519	1.858025	.6292374	.1422355

#1	1960.031	30942.18	6736.999	1107.247	2462.516
#2	1965.409	31024.83	6749.701	1121.226	2467.646
#3	1962.808	31046.33	6962.438	1113.332	2460.945

Sample Name: M2289-11 Acquired: 05/21/2021 15:17:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AW0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819853	.0035825	.2633476	.0090294	-.001512	29.38510
Stddev	.0066742	.0018465	.0025931	.0035950	.002314	.06532
%RSD	8.140760	51.54334	.9846780	39.81416	153.0429	.2222984

#1	.0783975	.0035442	.2604872	.0110055	.000646	29.33872
#2	.0778723	.0017554	.2655446	.0112029	-.001227	29.35677
#3	.0896860	.0054478	.2640109	.0048799	-.003954	29.45980

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4427218	.0030310	.0020274	13.67701	.0345022	.0145198
Stddev	.0015962	.0000184	.0000447	.02001	.0002421	.0002160
%RSD	.3605446	.6063782	2.204363	.1463051	.7016576	1.487715

#1	.4424717	.0030434	.0020392	13.69988	.0343076	.0142851
#2	.4412655	.0030396	.0020649	13.66844	.0347733	.0147102
#3	.4444284	.0030098	.0019779	13.66271	.0344258	.0145640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1831370	43.29257	1.430236	11.58774	.0212286	.0111499
Stddev	.0034868	.04496	.003233	.03467	.0011929	.0003144
%RSD	1.903952	.1038476	.2260172	.2991969	5.619511	2.819356

#1	.1831784	43.29926	1.429725	11.60007	.0198511	.0108466
#2	.1866029	43.24464	1.433694	11.61455	.0219205	.0111288
#3	.1796296	43.33380	1.427289	11.54859	.0219141	.0114743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320504	.0840940	.3923270	7.270749	1.953354	.2020444
Stddev	.109927	.0004973	.0038792	.030247	.018488	.0027215
%RSD	8.324654	.5913261	.9887540	.4160134	.9464636	1.346981

#1	1.350090	.0843459	.3883545	7.287973	1.941545	.2048655
#2	1.412610	.0835212	.3961055	7.288450	1.943856	.2018327
#3	1.198811	.0844149	.3925210	7.235823	1.974660	.1994349

Sample Name: M2289-11 Acquired: 05/21/2021 15:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042502	1.598952	F -95.8029	-.001522	1.675693	.0458059
Stddev	.0003544	.012285	.8577	.000257	.004258	.0005055
%RSD	8.339364	.7682999	.8953062	16.87955	.2540931	1.103534

#1	.0046594	1.584767	-95.8894	-.001332	1.675181	.0454066
#2	.0040409	1.606115	-96.6141	-.001814	1.671715	.0456369
#3	.0040503	1.605975	-94.9052	-.001419	1.680184	.0463743

Elem	Sr4077
Units	ppm
Avg	.2518540
Stddev	.0003697
%RSD	.1467779

#1	.2518023
#2	.2522468
#3	.2515129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.259	33749.03	7362.300	1212.856	2524.522
Stddev	3.072	39.85	31.334	2.619	7.573
%RSD	.1438781	.1180838	.4256031	.2159226	.2999624

#1	2138.805	33703.15	7354.154	1210.200	2533.233
#2	2133.568	33775.03	7335.843	1215.436	2519.507
#3	2133.405	33768.92	7396.902	1212.931	2520.827

Sample Name: M2289-12 Acquired: 05/21/2021 15:21:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1529505	.0022044	.4984713	.0211686	.0000076	66.26464
Stddev	.0016884	.0027517	.0010404	.0049364	.0015821	.15132
%RSD	1.103883	124.8293	.2087237	23.31960	20923.55	.2283578

#1	.1532314	.0037566	.4987800	.0258442	.0002325	66.21393
#2	.1511393	-.000973	.4993224	.0216543	-.001675	66.14519
#3	.1544809	.003829	.4973114	.0160073	.001465	66.43481

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.073121	.0065684	.0043665	25.67527	.0853516	.0347869
Stddev	.002157	.0000760	.0000329	.04893	.0006321	.0004053
%RSD	.2010031	1.156757	.7525182	.1905886	.7405376	1.165062

#1	1.074368	.0065220	.0043311	25.71082	.0856560	.0350857
#2	1.070631	.0066561	.0043960	25.61946	.0857739	.0349495
#3	1.074366	.0065271	.0043725	25.69552	.0846249	.0343256

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3820875	83.06189	3.927754	23.84773	.0615389	.0126462
Stddev	.0022827	.23136	.014396	.02247	.0004800	.0000793
%RSD	.5974375	.2785377	.3665205	.0942092	.7800381	.6270245

#1	.3795226	82.83012	3.933749	23.86836	.0614999	.0125757
#2	.3838962	83.06272	3.911329	23.82379	.0610796	.0127321
#3	.3828436	83.29283	3.938183	23.85103	.0620373	.0126308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.546294	.1538404	.6220615	16.81494	3.468340	.2385098
Stddev	.119753	.0017603	.0061983	.08295	.020271	.0019585
%RSD	4.703017	1.144244	.9964108	.4933021	.5844610	.8211553

#1	2.670590	.1533096	.6287778	16.89648	3.491531	.2363316
#2	2.536621	.1558050	.6208449	16.73065	3.453997	.2390724
#3	2.431671	.1524065	.6165616	16.81767	3.459492	.2401255

Sample Name: M2289-12 Acquired: 05/21/2021 15:21:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144324	4.183219	F -181.064	-.000173	3.384687	.0935962
Stddev	.0007549	.021011	3.087	.000887	.004900	.0019356
%RSD	5.230628	.5022586	1.705144	513.0969	.1447602	2.068024

#1	.0135743	4.187218	-178.638	.000851	3.386989	.0921089
#2	.0149944	4.201943	-180.015	-.000698	3.379060	.0928951
#3	.0147285	4.160497	-184.540	-.000671	3.388011	.0957847

Elem	Sr4077
Units	ppm
Avg	.5280749
Stddev	.0008026
%RSD	.1519904

#1	.5271901
#2	.5282787
#3	.5287561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.143	35770.60	7783.394	1281.060	2462.005
Stddev	1.516	174.74	49.589	11.340	5.440
%RSD	.0675759	.4884889	.6371180	.8852258	.2209381

#1	2243.574	35571.15	7799.908	1268.035	2459.239
#2	2244.397	35843.95	7822.620	1288.734	2458.506
#3	2241.459	35896.71	7727.655	1286.412	2468.272

Sample Name: M2289-13 Acquired: 05/21/2021 15:25:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538303	.0025368	.0263528	.0032576	-.002484	5.872771	.1449806
Stddev	.0048692	.0034296	.0010160	.0007124	.002656	.017470	.0013208
%RSD	9.045508	135.1935	3.855448	21.86849	106.9037	.2974768	.9110522

#1	.0579291	.0013677	.0251815	.0026522	-.000761	5.857965	.1447025
#2	.0551140	-.000155	.0269973	.0030780	-.001149	5.892040	.1464183
#3	.0484479	.006398	.0268795	.0040426	-.005543	5.868310	.1438209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007545	.0002182	3.831212	.0094297	.0050383	.0234069	9.435332
Stddev	.0000292	.0000189	.016644	.0003710	.0003248	.0007289	.076047
%RSD	3.863220	8.640673	.4344306	3.934081	6.446851	3.114148	.8059827

#1	.0007392	.0002059	3.850401	.0098423	.0048791	.0226656	9.371567
#2	.0007882	.0002088	3.822552	.0091237	.0048238	.0234322	9.519499
#3	.0007363	.0002399	3.820684	.0093230	.0054120	.0241228	9.414929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7169854	1.441162	.0046983	.0019833	.0909212	.0127800	.0488609
Stddev	.0041388	.018828	.0006295	.0002150	.1504713	.0040980	.0007828
%RSD	.5772547	1.306472	13.39728	10.84073	165.4963	32.06543	1.602168

#1	.7174294	1.447716	.0047397	.0017380	.2633284	.0161257	.0488698
#2	.7126424	1.455838	.0053061	.0021391	.0233845	.0082092	.0496392
#3	.7208843	1.419933	.0040492	.0020729	-.013949	.0140050	.0480736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2972253	.6673668	.2400163	.0023587	1.830512	.4273249	.0133503
Stddev	.0768723	.0072301	.0016481	.0006580	.013642	.2451186	.0009419
%RSD	25.86329	1.083376	.6866704	27.89423	.7452507	57.36118	7.055321

#1	.3752916	.6644167	.2395672	.0016744	1.830032	.6224997	.0125924
#2	.2216055	.6620783	.2418425	.0029867	1.817116	.1522179	.0130537
#3	.2947790	.6756055	.2386393	.0024150	1.844387	.5072572	.0144048

Sample Name: M2289-13 Acquired: 05/21/2021 15:25:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0AW2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2237256	-.000552	.1439603
Stddev	.0004779	.000818	.0001075
%RSD	.2135956	148.1585	.0746865

#1	.2231738	-.001484	.1439859
#2	.2240018	.000042	.1438424
#3	.2240012	-.000213	.1440528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.895	33262.01	7243.905	1192.696	2511.106
Stddev	1.638	107.23	27.509	3.753	6.790
%RSD	.0782165	.3223844	.3797536	.3146478	.2703900

#1	2094.930	33139.54	7249.769	1188.569	2518.831
#2	2092.006	33339.00	7213.937	1193.616	2508.401
#3	2094.747	33307.50	7268.009	1195.903	2506.084

Sample Name: M2289-14 Acquired: 05/21/2021 15:29:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3562246	.0044022	.0795127	.0428060	-.001070	9.858683
Stddev	.0041803	.0007390	.0011492	.0026470	.001407	.039610
%RSD	1.173511	16.78650	1.445289	6.183698	131.4469	.4017736

#1	.3536413	.0045132	.0792640	.0403880	-.001369	9.876097
#2	.3539851	.0050793	.0807658	.0423960	-.002303	9.813350
#3	.3610476	.0036139	.0785081	.0456341	.000462	9.886603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.840330	.0007981	-.000022	12.80515	.0409173	.0104554
Stddev	.005127	.0001126	.000046	.02168	.0010107	.0002420
%RSD	.1805179	14.10491	216.0842	.1692979	2.470212	2.314659

#1	2.841037	.0006738	-.000074	12.82764	.0400526	.0106106
#2	2.834886	.0008932	-.000004	12.80343	.0420285	.0101765
#3	2.845067	.0008274	.000014	12.78439	.0406709	.0105790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165865	54.23706	F 33.12914	4.345142	.0093678	.0017796
Stddev	.0029108	.15163	.03495	.007035	.0012796	.0003731
%RSD	17.54937	.2795770	.1054834	.1618933	13.65969	20.96638

#1	.0198582	54.30960	33.15576	4.337385	.0079819	.0018791
#2	.0142835	54.06278	33.14209	4.346933	.0096169	.0013668
#3	.0156180	54.33880	33.08957	4.351107	.0105045	.0020928

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6683731	.1970752	.1220895	3.230357	2.564794	.8285683
Stddev	.0246581	.0028332	.0031544	.022946	.005226	.0073200
%RSD	3.689278	1.437614	2.583643	.7103348	.2037645	.8834466

#1	.6786752	.1938331	.1184746	3.221535	2.565866	.8368237
#2	.6402345	.1983174	.1242833	3.256405	2.559115	.8228695
#3	.6862095	.1990751	.1235106	3.213132	2.569401	.8260117

Sample Name: M2289-14 Acquired: 05/21/2021 15:29:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183200	4.222306	F -65.6968	.0009367	.4685094	.0117218
Stddev	.0006525	.009980	.4789	.0018691	.0009898	.0014478
%RSD	3.561659	.2363660	.7289864	199.5351	.2112742	12.35164

#1	.0176347	4.215525	-66.2460	-.001180	.4673746	.0120425
#2	.0183916	4.217626	-65.3662	.002361	.4691951	.0101405
#3	.0189337	4.233766	-65.4781	.001628	.4689585	.0129824

Elem	Sr4077
Units	ppm
Avg	.6390490
Stddev	.0007175
%RSD	.1122732

#1	.6395232
#2	.6382236
#3	.6394003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.759	33221.31	7229.810	1199.145	2497.592
Stddev	1.460	62.18	21.114	5.478	3.698
%RSD	.0698412	.1871609	.2920457	.4568290	.1480447

#1	2090.000	33289.64	7205.447	1205.296	2499.008
#2	2091.083	33168.05	7241.181	1194.792	2500.372
#3	2088.194	33206.26	7242.801	1197.346	2493.396

Sample Name: M2289-15 Acquired: 05/21/2021 15:33:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0321525	-.005427	.0416999	.0158625	-.002386	32.40083
Stddev	.0053012	.000674	.0024923	.0033624	.002265	.03331
%RSD	16.48768	12.41144	5.976634	21.19706	94.93359	.1028089

#1	.0262611	-.005530	.0388317	.0196214	-.000494	32.40803
#2	.0336591	-.004708	.0433377	.0131413	-.001768	32.42996
#3	.0365373	-.006043	.0429302	.0148249	-.004895	32.36451

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.215381	.0030416	-.000126	18.75780	.1854309	.0249341
Stddev	.001438	.0001160	.000102	.02508	.0004636	.0003436
%RSD	.1182884	3.812473	80.91124	.1337079	.2499899	1.377964

#1	1.214415	.0029697	-.000009	18.76032	.1848979	.0249012
#2	1.217033	.0031754	-.000198	18.78152	.1856555	.0252930
#3	1.214694	.0029798	-.000170	18.73155	.1857394	.0246081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0481208	70.80865	1.107724	17.78066	.0949756	.0048932
Stddev	.0010283	.17127	.001567	.05078	.0008499	.0001453
%RSD	2.136992	.2418770	.1414622	.2855692	.8948230	2.968491

#1	.0483071	70.94222	1.106747	17.83024	.0959440	.0048146
#2	.0470121	70.86816	1.106894	17.78297	.0946290	.0048041
#3	.0490433	70.61556	1.109532	17.72877	.0943538	.0050608

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.186277	.1071909	.2050356	8.828135	2.572151	.8365934
Stddev	.028089	.0034534	.0020167	.087080	.022032	.0033047
%RSD	2.367841	3.221694	.9835613	.9863863	.8565544	.3950215

#1	1.214470	.1111769	.2036387	8.760583	2.571791	.8334459
#2	1.186070	.1051011	.2073475	8.926413	2.594361	.8400356
#3	1.158292	.1052946	.2041204	8.797410	2.550301	.8362985

Sample Name: M2289-15 Acquired: 05/21/2021 15:33:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001397	1.343234	F -127.950	-.001757	2.379136	.0237193
Stddev	.000045	.011341	.397	.001867	.007353	.0015762
%RSD	3.255637	.8443303	.3106259	106.2368	.3090722	6.645164

#1	-.001403	1.332407	-128.095	.000382	2.378321	.0255337
#2	-.001348	1.355028	-128.255	-.002598	2.386862	.0226885
#3	-.001438	1.342267	-127.501	-.003055	2.372224	.0229356

Elem	Sr4077
Units	ppm
Avg	.3637645
Stddev	.0009560
%RSD	.2627966

#1	.3647267
#2	.3637519
#3	.3628149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.682	32922.69	7183.772	1178.719	2484.730
Stddev	6.146	40.40	19.631	.997	2.754
%RSD	.2980886	.1227188	.2732641	.0845951	.1108363

#1	2057.803	32968.71	7169.237	1178.978	2482.977
#2	2068.768	32893.04	7175.977	1179.561	2487.904
#3	2058.476	32906.33	7206.103	1177.618	2483.309

Sample Name: M2289-16 Acquired: 05/21/2021 15:37:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139606	-.004680	.2943297	.0193893	.0011003	34.13877
Stddev	.0016395	.002470	.0010608	.0032818	.0015530	.07843
%RSD	1.438686	52.77879	.3604181	16.92597	141.1399	.2297438

#1	.1130609	-.002749	.2937199	.0231718	.0000910	34.06151
#2	.1158531	-.007463	.2955546	.0176989	.0003214	34.21833
#3	.1129679	-.003827	.2937146	.0172973	.0028886	34.13648

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6563804	.0038499	.0072017	25.20980	.0819423	.0185812
Stddev	.0016780	.0001007	.0000408	.02451	.0006163	.0006773
%RSD	.2556445	2.615645	.5658781	.0972064	.7520947	3.645295

#1	.6551940	.0038078	.0072483	25.19145	.0817099	.0179327
#2	.6583002	.0039648	.0071844	25.20031	.0814760	.0185268
#3	.6556468	.0037770	.0071725	25.23763	.0826410	.0192841

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2802634	76.78385	.5601329	14.81850	.0462645	.0111129
Stddev	.0010857	.49340	.0010458	.02357	.0003921	.0000747
%RSD	.3873924	.6425887	.1867064	.1590275	.8475618	.6722671

#1	.2806147	76.46080	.5596978	14.80196	.0458342	.0111145
#2	.2811299	77.35180	.5613261	14.84548	.0463578	.0111868
#3	.2790455	76.53896	.5593750	14.80807	.0466016	.0110374

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2989824	.2424864	.6898754	12.23294	2.958327	.8220922
Stddev	.1041759	.0013485	.0042642	.11615	.017013	.0077047
%RSD	34.84348	.5561120	.6181141	.9494922	.5750929	.9372085

#1	.1899740	.2414168	.6933424	12.22487	2.976309	.8202980
#2	.3094356	.2420413	.6851139	12.35291	2.942485	.8305357
#3	.3975376	.2440012	.6911698	12.12103	2.956188	.8154429

Sample Name: M2289-16 Acquired: 05/21/2021 15:37:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190853	4.844466	F -138.254	.0002819	2.075100	.0260969
Stddev	.0001631	.010069	2.024	.0013281	.010770	.0010834
%RSD	.8543043	.2078554	1.463801	471.0585	.5190188	4.151580

#1	.0192098	4.846866	-138.135	.0013405	2.064188	.0258667
#2	.0189008	4.853118	-140.334	-.001208	2.085723	.0272770
#3	.0191453	4.833413	-136.292	.000714	2.075389	.0251471

Elem	Sr4077
Units	ppm
Avg	.1749850
Stddev	.0003166
%RSD	.1809047

#1	.1747294
#2	.1748864
#3	.1753391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.437	33363.30	7342.504	1192.150	2500.122
Stddev	4.072	100.46	21.169	7.432	5.985
%RSD	.1941579	.3011201	.2883100	.6233703	.2393803

#1	2102.084	33338.21	7338.237	1184.873	2505.561
#2	2094.490	33473.93	7323.793	1199.727	2501.095
#3	2095.737	33277.76	7365.481	1191.850	2493.710

Sample Name: M2289-17 Acquired: 05/21/2021 15:42:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1758133	-.001420	1.022525	.0342839	.0024355	77.39916
Stddev	.0036454	.003995	.002525	.0005626	.0027427	.32134
%RSD	2.073461	281.3261	.2469047	1.641110	112.6103	.4151785

#1	.1787680	.001345	1.025347	.0337902	.0046514	77.03077
#2	.1717395	.000395	1.020479	.0348965	.0032872	77.54491
#3	.1769323	-.006001	1.021750	.0341649	-.000632	77.62180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.184426	.0085104	.0101642	46.47269	.1381708	.0545168
Stddev	.002532	.0000592	.0001184	.10733	.0004883	.0002364
%RSD	.2137784	.6956331	1.164949	.2309576	.3533936	.4335537

#1	1.182604	.0085754	.0100786	46.45471	.1386946	.0542495
#2	1.183358	.0084963	.0102993	46.37548	.1380895	.0546983
#3	1.187317	.0084595	.0101146	46.58787	.1377283	.0546025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9506231	142.6332	12.65401	35.31316	.0903363	.0204929
Stddev	.0052779	.9070	.06049	.31009	.0001437	.0002831
%RSD	.5552078	.6359289	.4780517	.8781157	.1590387	1.381189

#1	.9445586	141.6302	12.59068	34.96681	.0902103	.0203126
#2	.9541780	143.3959	12.66017	35.40768	.0904928	.0208191
#3	.9531326	142.8736	12.71119	35.56499	.0903059	.0203470

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651429	.2468710	2.528830	26.07615	6.202070	.7889532
Stddev	.296873	.0022290	.031677	.13385	.026033	.0039577
%RSD	17.97672	.9028898	1.252629	.5132912	.4197506	.5016449

#1	1.769935	.2462022	2.492466	25.92170	6.222584	.7847868
#2	1.313607	.2493578	2.550426	26.14847	6.210843	.7894101
#3	1.870745	.2450530	2.543598	26.15828	6.172784	.7926627

Sample Name: M2289-17 Acquired: 05/21/2021 15:42:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143681	4.871153	F -212.681	.0087838	3.156061	.0784933
Stddev	.0007853	.012220	.578	.0007748	.016096	.0004640
%RSD	5.465600	.2508603	.2719552	8.820477	.5099986	.5911839

#1	.0140603	4.884365	-212.056	.0088497	3.137501	.0787788
#2	.0137833	4.868837	-212.790	.0079782	3.164497	.0779579
#3	.0152606	4.860256	-213.198	.0095235	3.166186	.0787434

Elem	Sr4077
Units	ppm
Avg	.3013425
Stddev	.0003974
%RSD	.1318623

#1	.3015641
#2	.3015797
#3	.3008838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.487	35082.07	7775.608	1246.350	2435.088
Stddev	5.775	237.16	48.691	13.374	4.392
%RSD	.2629067	.6760034	.6262039	1.073028	.1803590

#1	2201.938	35349.73	7831.218	1261.090	2431.995
#2	2197.089	34998.36	7754.981	1242.965	2440.115
#3	2190.436	34898.12	7740.626	1234.993	2433.153

Sample Name: M2289-18 Acquired: 05/21/2021 15:46:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1541315	-.008417	.6681142	.0229204	.0014824	48.74641
Stddev	.0055702	.004070	.0016290	.0045709	.0002212	.11055
%RSD	3.613905	48.35603	.2438161	19.94269	14.92279	.2267894

#1	.1549360	-.004049	.6699898	.0267043	.0015565	48.75368
#2	.1592556	-.009100	.6670535	.0178417	.0012337	48.63240
#3	.1482028	-.012103	.6672992	.0242153	.0016571	48.85314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3281291	.0048884	.0104743	29.28176	.0359936	.0330232
Stddev	.0005017	.0001255	.0001411	.00813	.0004936	.0004301
%RSD	.1528988	2.567092	1.346611	.0277505	1.371307	1.302275

#1	.3279663	.0049083	.0103881	29.28919	.0358314	.0325440
#2	.3286920	.0047541	.0106371	29.28302	.0365479	.0331499
#3	.3277291	.0050027	.0103978	29.27308	.0356015	.0333756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6783922	82.10449	2.083338	22.02605	.0378018	.0204215
Stddev	.0027760	.34801	.006195	.09072	.0006303	.0003477
%RSD	.4091957	.4238640	.2973463	.4118651	1.667466	1.702821

#1	.6781974	81.97303	2.089722	22.11124	.0381982	.0201603
#2	.6812604	81.84136	2.082940	21.93067	.0370750	.0208162
#3	.6757188	82.49908	2.077352	22.03625	.0381323	.0202879

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251359	.2082368	1.302765	14.40034	3.141248	.7554075
Stddev	.1397266	.0011288	.008806	.07565	.007812	.0059602
%RSD	555.8850	.5420648	.6759572	.5253121	.2487011	.7889978

#1	.1765495	.2080309	1.312724	14.48127	3.138712	.7525121
#2	-.098830	.2072252	1.299563	14.38834	3.150013	.7514481
#3	-.002311	.2094544	1.296008	14.33141	3.135019	.7622622

Sample Name: M2289-18 Acquired: 05/21/2021 15:46:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266667	4.716047	F -150.537	.0008415	2.597497	.0634213
Stddev	.0004371	.011800	1.365	.0012307	.007364	.0012791
%RSD	1.639126	.2501993	.9067112	146.2419	.2835004	2.016828

#1	.0271523	4.703909	-150.082	.0013190	2.599437	.0648624
#2	.0263047	4.716757	-149.457	.0017619	2.589357	.0629806
#3	.0265430	4.727476	-152.071	-.000556	2.603696	.0624208

Elem	Sr4077
Units	ppm
Avg	.1280278
Stddev	.0003459
%RSD	.2701940

#1	.1283836
#2	.1280072
#3	.1276927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2255.902	36078.54	7937.563	1284.339	2463.495
Stddev	3.954	216.94	38.933	8.636	.927
%RSD	.1752636	.6013120	.4904923	.6723785	.0376372

#1	2258.227	35843.09	7909.889	1275.395	2462.621
#2	2258.143	36122.18	7982.082	1284.994	2463.396
#3	2251.337	36270.34	7920.718	1292.629	2464.467

Sample Name: M2289-19 Acquired: 05/21/2021 15:50:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3073148	-.017164	1.064969	.0336500	.0019188	70.50455
Stddev	.0056352	.003046	.001368	.0027638	.0008918	.12189
%RSD	1.833700	17.74759	.1284656	8.213377	46.47892	.1728829

#1	.3120100	-.013699	1.065279	.0304915	.0013061	70.50830
#2	.3088688	-.019421	1.066155	.0348336	.0015083	70.38082
#3	.3010656	-.018372	1.063472	.0356248	.0029419	70.62452

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5449338	.0061222	.0127475	28.46413	.0665673	.1016470
Stddev	.0015375	.0000759	.0000996	.04877	.0011413	.0002381
%RSD	.2821452	1.239028	.7811407	.1713320	1.714465	.2342310

#1	.5465515	.0060810	.0126552	28.44536	.0666755	.1017736
#2	.5434915	.0060759	.0127343	28.42754	.0676507	.1017949
#3	.5447584	.0062098	.0128531	28.51949	.0653758	.1013723

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545287	164.9178	6.382120	37.54470	.0656252	.0513984
Stddev	.002324	.2921	.015632	.05920	.0018940	.0006678
%RSD	.1503672	.1771245	.2449304	.1576867	2.886092	1.299238

#1	1.545201	164.9538	6.382748	37.50277	.0674320	.0513348
#2	1.543008	164.6093	6.366184	37.51891	.0636546	.0520957
#3	1.547653	165.1902	6.397428	37.61242	.0657891	.0507647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5370701	.3749793	3.634892	25.03468	4.765926	.7529965
Stddev	.1737596	.0039826	.040738	.07881	.030427	.0036367
%RSD	32.35325	1.062097	1.120750	.3148226	.6384340	.4829667

#1	.4264858	.3766856	3.618420	24.95377	4.756888	.7489578
#2	.7373475	.3704278	3.681287	25.03908	4.799848	.7540198
#3	.4473770	.3778245	3.604970	25.11121	4.741042	.7560120

Sample Name: M2289-19 Acquired: 05/21/2021 15:50:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AW8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330650	27.00383	F -179.193	-.002682	6.372039	.0900662
Stddev	.0000695	.11738	.237	.002432	.017596	.0018030
%RSD	.2102605	.4346875	.1321735	90.66628	.2761435	2.001870

#1	.0331029	27.01460	-179.137	-.004576	6.379271	.0914193
#2	.0329848	27.11546	-179.453	-.003530	6.351980	.0880193
#3	.0331073	26.88144	-178.989	.000060	6.384868	.0907599

Elem	Sr4077
Units	ppm
Avg	.0451762
Stddev	.0002118
%RSD	.4688344

#1	.0449785
#2	.0453997
#3	.0451505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.064	34858.89	7790.361	1238.773	2436.097
Stddev	5.055	392.32	22.308	12.867	3.496
%RSD	.2309196	1.125465	.2863583	1.038666	.1435029

#1	2194.307	35165.27	7799.662	1247.407	2437.290
#2	2184.221	34416.71	7806.513	1223.985	2432.161
#3	2188.664	34994.69	7764.907	1244.926	2438.841

Sample Name: M2289-03 Acquired: 05/21/2021 16:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1861681	.0714180	.1865943	.2198662	.1859975	46.70107
Stddev	.0036033	.0035993	.0007314	.0035892	.0016410	.19519
%RSD	1.935521	5.039832	.3919652	1.632445	.8822482	.4179595

#1	.1822696	.0750628	.1860048	.2237914	.1864758	46.47718
#2	.1893765	.0678659	.1863653	.2190555	.1841706	46.83548
#3	.1868583	.0713253	.1874127	.2167516	.1873463	46.79056

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.196954	.0976377	.0986476	21.93447	.4794000	.9916459
Stddev	.006227	.0005121	.0001220	.07362	.0019330	.0003365
%RSD	.1198254	.5244913	.1236872	.3356430	.4032162	.0339316

#1	5.192989	.0977895	.0985185	21.85037	.4786319	.9912953
#2	5.204132	.0970669	.0987610	21.96580	.4815990	.9919663
#3	5.193743	.0980568	.0986633	21.98725	.4779691	.9916760

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5988337	82.75305	5.308786	22.82964	1.040211	.0928459
Stddev	.0037005	.47618	.007980	.20115	.003181	.0004985
%RSD	.6179520	.5754190	.1503248	.8811000	.3058129	.5368791

#1	.5948081	82.21470	5.306867	22.66205	1.037736	.0927101
#2	.6020872	82.92536	5.317551	22.77415	1.043799	.0933982
#3	.5996059	83.11908	5.301941	23.05271	1.039097	.0924294

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9289301	1.148229	1.322690	17.45235	3.427688	.2108770
Stddev	.1762420	.005346	.017833	.07162	.013377	.0015804
%RSD	18.97258	.4655749	1.348209	.4103679	.3902744	.7494479

#1	1.131149	1.142099	1.302789	17.45623	3.435924	.2101456
#2	.808022	1.150661	1.328059	17.37887	3.434887	.2097947
#3	.847620	1.151926	1.337221	17.52195	3.412253	.2126906

Sample Name: M2289-03 Acquired: 05/21/2021 16:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0AM0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020920	2.248969	F -103.595	-.003256	3.963345	.0408764
Stddev	.0001946	.013238	1.096	.002143	.023365	.0011660
%RSD	9.303498	.5886042	1.058421	65.83051	.5895255	2.852539

#1	.0018820	2.250450	-103.596	-.005716	3.937082	.0398021
#2	.0022664	2.261403	-102.498	-.002256	3.981825	.0421164
#3	.0021276	2.235053	-104.691	-.001795	3.971129	.0407107

Elem	Sr4077
Units	ppm
Avg	.3331676
Stddev	.0000563
%RSD	.0168937

#1	.3331307
#2	.3331397
#3	.3332324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.007	33116.75	7258.841	1176.695	2464.791
Stddev	7.419	37.90	50.414	11.223	.986
%RSD	.3601408	.1144410	.6945144	.9537899	.0399928

#1	2058.156	33138.33	7271.458	1186.559	2465.929
#2	2068.176	33072.99	7301.747	1179.042	2464.238
#3	2053.689	33138.94	7203.316	1164.484	2464.205

Sample Name: CCV072 Acquired: 05/21/2021 16:08:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.012879	5.012926	24.72527	5.266225	5.236883	401.7934
Stddev	.003144	.020866	.01582	.010516	.010727	1.3724
%RSD	.0627121	.4162426	.0639703	.1996807	.2048412	.3415565

#1	5.016390	4.993099	24.74341	5.278367	5.246745	401.3098
#2	5.010325	5.034695	24.71809	5.260269	5.225461	400.7283
#3	5.011921	5.010984	24.71433	5.260039	5.238441	403.3421

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33320	.4848285	2.470890	393.0458	15.29560	2.506273
Stddev	.00725	.0045305	.000785	.7062	.36448	.003782
%RSD	.0701623	.9344610	.0317868	.1796703	2.382937	.1509036

#1	10.32674	.4895094	2.470518	393.1504	15.71647	2.502857
#2	10.34104	.4804651	2.470359	393.6938	15.08382	2.505625
#3	10.33182	.4845111	2.471792	392.2931	15.08652	2.510338

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96821	412.5043	14.57619	394.5425	2.504853	1.297916
Stddev	.03372	3.0458	.03290	3.4742	.002232	.029902
%RSD	.2252517	.7383586	.2257060	.8805521	.0891156	2.303817

#1	14.97854	411.9282	14.60582	394.4804	2.502429	1.332357
#2	14.93054	409.7878	14.58196	391.0998	2.506823	1.278586
#3	14.99555	415.7970	14.54078	398.0473	2.505308	1.282804

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.2607	2.530061	15.71229	150.8086	5.219290	4.878571
Stddev	1.2016	.008662	.21403	.3582	.007864	.043521
%RSD	.2994648	.3423719	1.362185	.2375394	.1506739	.8920950

#1	400.8457	2.530620	15.91706	150.9686	5.211035	4.916721
#2	400.3216	2.521132	15.49007	150.3983	5.226695	4.831167
#3	402.6149	2.538430	15.72974	151.0590	5.220139	4.887824

Sample Name: CCV072 Acquired: 05/21/2021 16:08:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.129084	5.297828	F 12.40263	5.055054	5.074164	5.294497
Stddev	.006261	.010925	.44077	.016904	.013631	.012477
%RSD	.1220704	.2062183	3.553821	.3343912	.2686432	.2356664
#1	5.136142	5.288494	11.90769	5.046131	5.064938	5.281491
#2	5.126913	5.309844	12.75282	5.074549	5.067732	5.295635
#3	5.124197	5.295147	12.54739	5.044481	5.089821	5.306367

Elem	Sr4077
Units	ppm
Avg	4.918119
Stddev	.056132
%RSD	1.141323
#1	4.976918
#2	4.865102
#3	4.912335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.662	28425.19	6509.107	936.2608	2009.261
Stddev	7.711	676.83	46.696	19.2890	4.501
%RSD	.4593664	2.381086	.7173902	2.060217	.2240034
#1	1672.417	27656.15	6455.271	914.0556	2007.523
#2	1676.288	28689.19	6538.621	945.8591	2005.889
#3	1687.281	28930.23	6533.429	948.8677	2014.372

Sample Name: CCB072 Acquired: 05/21/2021 16:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026606	.0042983	-.001527	-.000022	-.000738	-.017113
Stddev	.0039092	.0013724	.001127	.003387	.002126	.009062
%RSD	146.9256	31.93016	73.81706	15389.73	288.1814	52.95387

#1	.0068725	.0034478	-.000452	-.001979	-.003089	-.026146
#2	-.000851	.0058816	-.002699	.003889	.001047	-.017169
#3	.001961	.0035654	-.001429	-.001975	-.000171	-.008023

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005305	.0000402	.0000126	.0027793	.0004499	-.000039
Stddev	.000865	.0000537	.0000802	.0083572	.0004374	.000241
%RSD	16.31064	133.4907	634.8706	300.7015	97.22362	617.5995

#1	-.005940	.0000011	-.000070	.0010401	.0008523	-.000317
#2	-.005656	.0000182	.000018	.0118692	.0005131	.000093
#3	-.004319	.0001015	.000090	-.004572	-.000016	.000107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006522	.0035486	-.000099	.0205518	.0002792	.0006748
Stddev	.002312	.0067063	.000305	.0238204	.0008510	.0000637
%RSD	35.44663	188.9861	309.1738	115.9042	304.8067	9.437343

#1	-.009019	.0089923	.000107	.0057950	.0000319	.0007319
#2	-.006091	-.003943	.000046	.0480321	.0012264	.0006864
#3	-.004456	.005596	-.000449	.0078282	-.000421	.0006061

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.516319	-.002433	.0000840	-.198206	.0002859	.0078143
Stddev	.056538	.000911	.0007952	.067625	.0018566	.0004372
%RSD	10.95017	37.46581	946.2893	34.11845	649.3379	5.595541

#1	-.517435	-.003195	.0001192	-.171909	-.001801	.0082676
#2	-.459231	-.001423	-.000728	-.147679	.001756	.0073951
#3	-.572290	-.002680	.000861	-.275029	.000903	.0077801

Sample Name: CCB072 Acquired: 05/21/2021 16:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1491) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011978	.0022463	F .7922080	.0010777	.0004632	-.002194
Stddev	.0005510	.0013074	.1869805	.0013013	.0006953	.000984
%RSD	45.99998	58.20270	23.60245	120.7483	150.1361	44.82537

#1	.0009603	.0024895	.9762442	.0025799	-.000339	-.001582
#2	.0008054	.0034151	.7979637	.0002960	.000900	-.001672
#3	.0018277	.0008344	.6024161	.0003572	.000828	-.003329

Elem	Sr4077
Units	ppm
Avg	-.000036
Stddev	.000097
%RSD	273.5589

#1	-.000112
#2	.000074
#3	-.000069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.885	30598.29	6726.925	1095.985	2427.978
Stddev	2.041	83.70	36.156	3.279	4.872
%RSD	.1057259	.2735513	.5374761	.2991414	.2006533

#1	1928.562	30566.86	6685.330	1092.701	2422.586
#2	1931.704	30534.85	6750.824	1099.258	2429.284
#3	1932.390	30693.15	6744.621	1095.996	2432.064