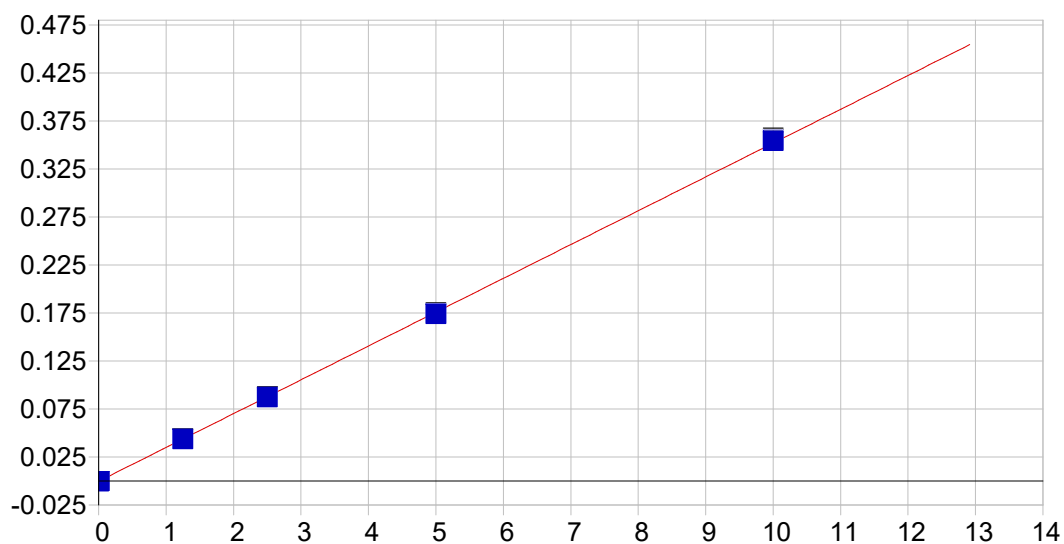


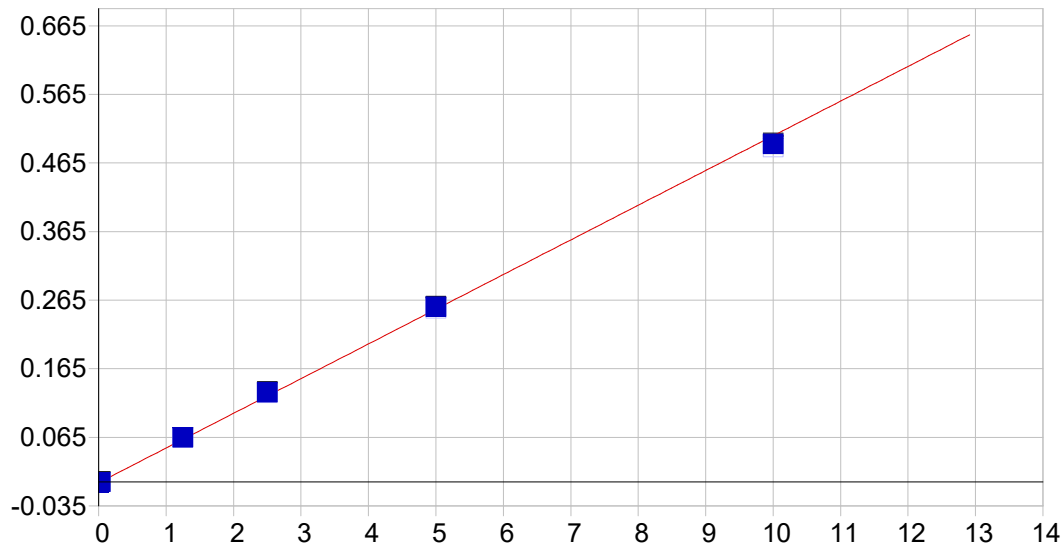


As 189.042 {479}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.035223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.006186
 Predicted MQL: 0.020619

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.00867	-.001	-13.3	-.00000	.000	1
S2	1.2500	1.2453	-.005	-.373	.04370	.000	1
S3	2.5000	2.4834	-.017	-.662	.08745	.001	1
S4	5.0000	4.9510	-.049	-.981	.17465	.001	1
S5	10.000	10.072	.072	.716	.35558	.002	1

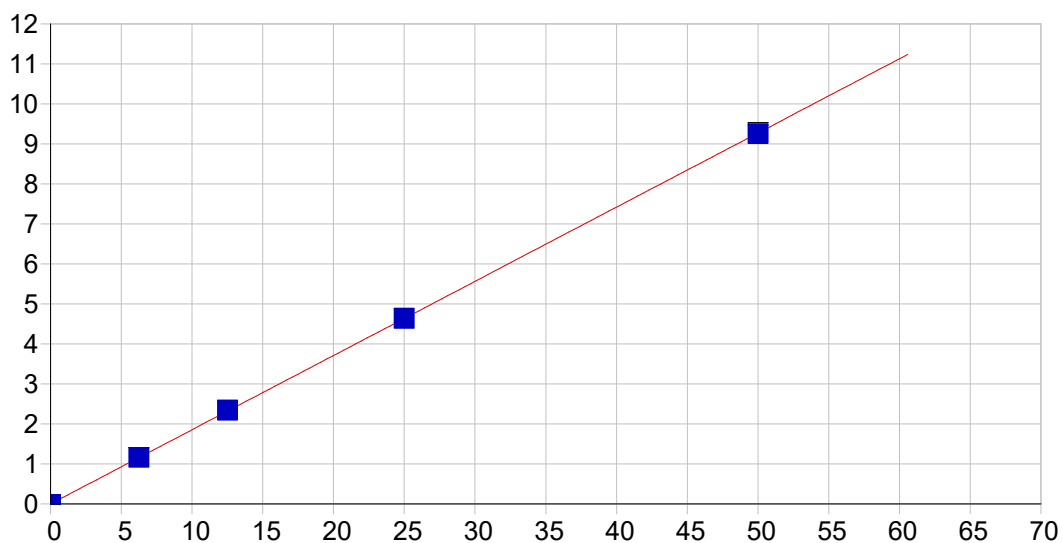


TI 190.856 {477}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001204 Re-Slope: 1.000000
 A1 (Gain): 0.050579 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.004527
 Predicted MQL: 0.015090

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00120	.000	1
S1	.02500	.02598	.001	3.91	.00005	.000	1
S2	1.2500	1.3055	.056	4.44	.06425	.000	1
S3	2.5000	2.6101	.110	4.40	.12966	.001	1
S4	5.0000	5.0717	.072	1.43	.25301	.001	1
S5	10.000	9.7617	-.238	-2.38	.48792	.002	1

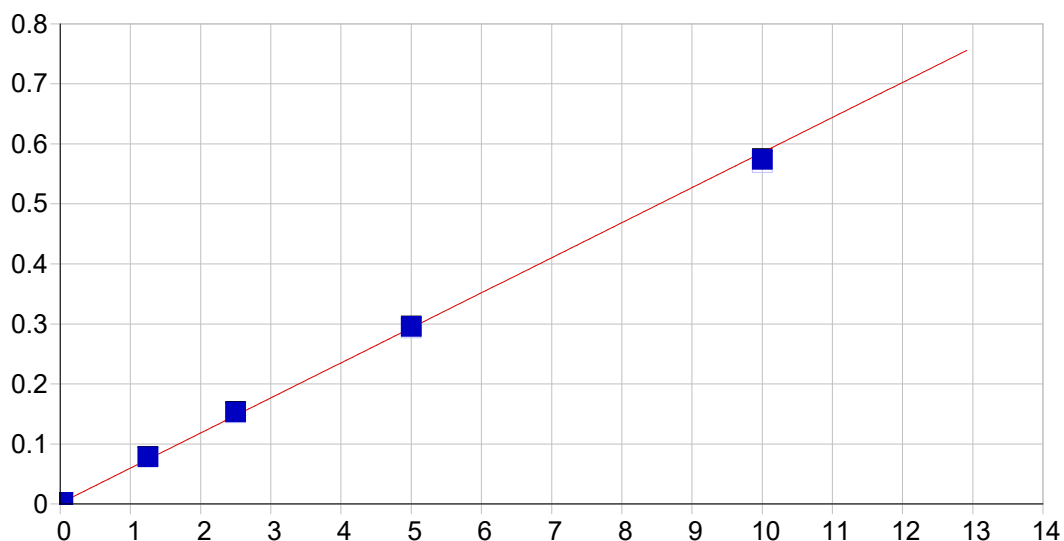


Pb 220.353 {453}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000584	Re-Slope:	1.000000
A1 (Gain):	0.185457	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.002506		
Predicted MQL:	0.008355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00058	.000	1
S1	.01000	.00975	-.000	-2.46	.00240	.000	1
S2	6.2500	6.2564	.006	.103	1.1617	.002	1
S3	12.500	12.609	.109	.871	2.3407	.006	1
S4	25.000	24.988	-.012	-.047	4.6383	.002	1
S5	50.000	49.897	-.103	-.206	9.2612	.027	1

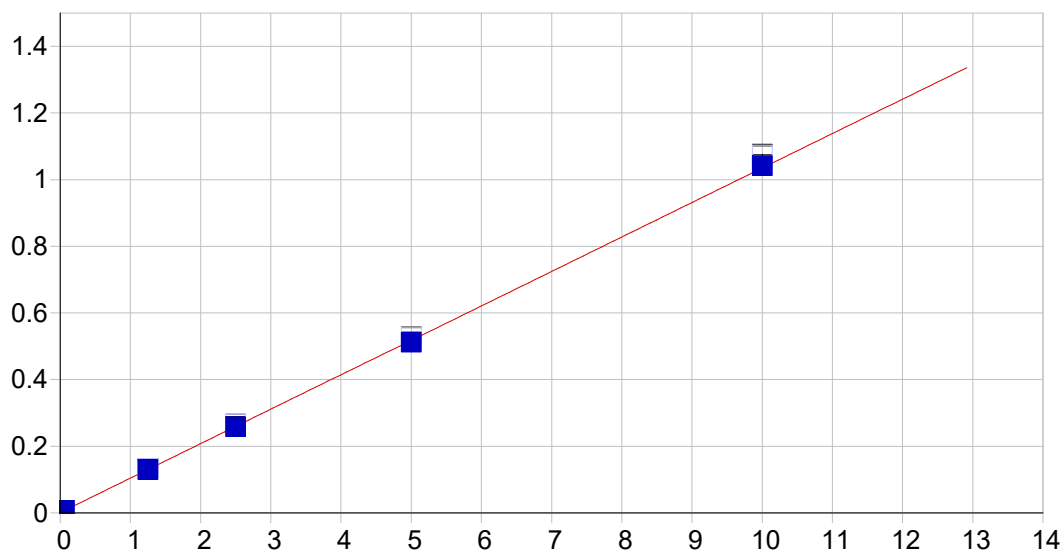


Se 196.090 {472}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001247	Re-Slope:	1.000000
A1 (Gain):	0.058432	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999682	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.004496		
Predicted MQL:	0.014988		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00125	.000	1
S1	.03500	.03398	-.001	-2.90	.00323	.000	1
S2	1.2500	1.3170	.067	5.36	.07752	.000	1
S3	2.5000	2.5968	.097	3.87	.15162	.001	1
S4	5.0000	5.0388	.039	.775	.29294	.001	1
S5	10.000	9.7984	-.202	-2.02	.56833	.002	1

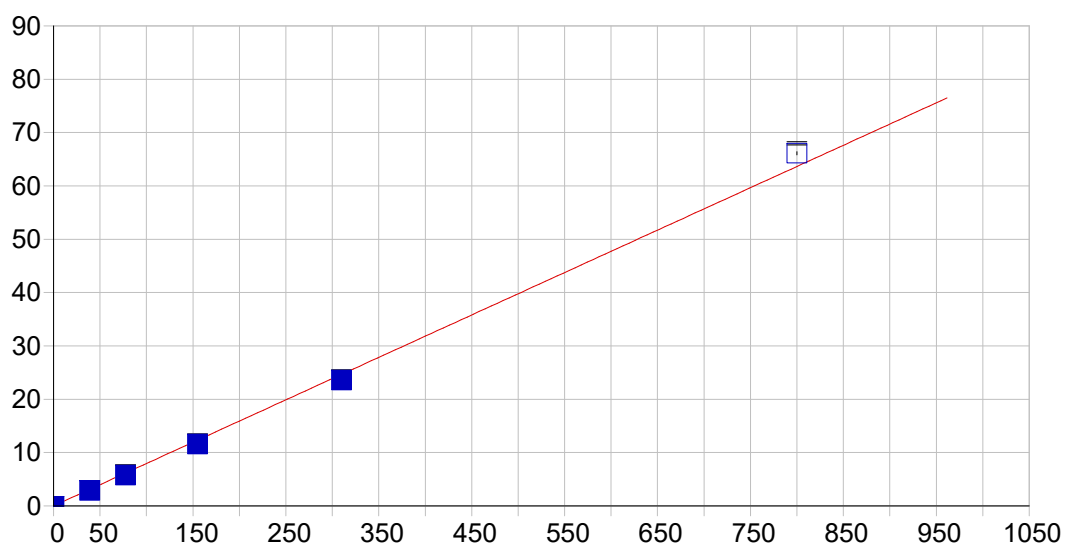


Sb 206.833 {463}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000826 Re-Slope: 1.000000
 A1 (Gain): 0.103412 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002837
 Predicted MQL: 0.009458

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00083	.000	1
S1	.06000	.06608	.006	10.1	.00766	.000	1
S2	1.2500	1.2445	-.006	-.440	.13347	.000	1
S3	2.5000	2.4879	-.012	-.485	.26599	.000	1
S4	5.0000	4.9407	-.059	-1.19	.52754	.001	1
S5	10.000	10.071	.071	.710	1.0739	.002	1

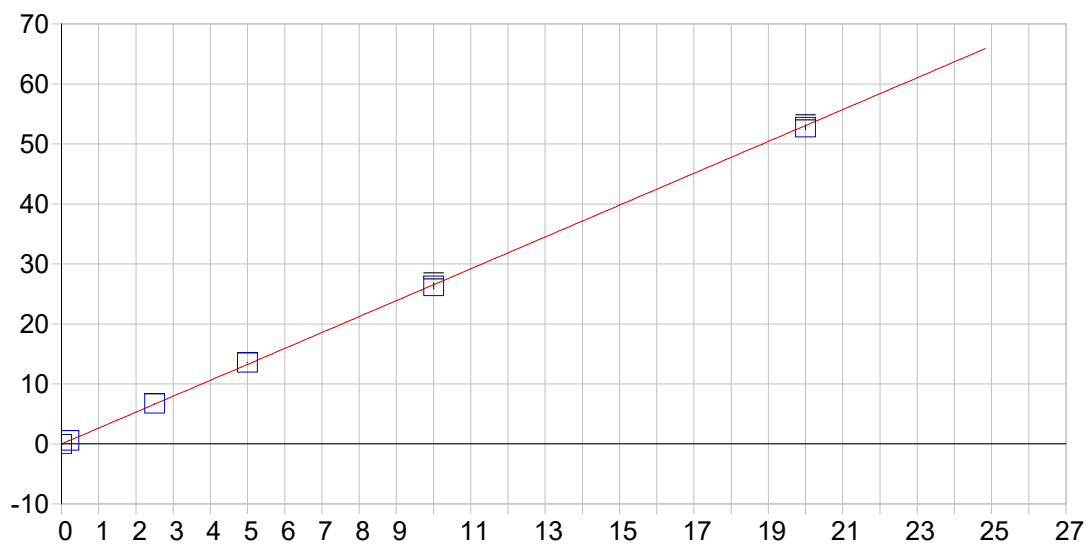


AI 396.152 { 85}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001689 Re-Slope: 1.000000
A1 (Gain): 0.079551 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998940 Status: OK.
Std Error of Est: 0.002280
Predicted MDL: 0.008847
Predicted MQL: 0.029492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00169	.000	1
S1	.20000	.20092	.001	.461	.01770	.001	1
S2	38.750	36.001	-2.75	-7.09	2.8688	.003	1
S3	77.500	72.527	-4.97	-6.42	5.7778	.022	1
S4	155.00	145.47	-9.53	-6.15	11.587	.026	1
S5	310.00	296.11	-13.9	-4.48	23.584	.076	1
S6	800.00	831.17	31.2	3.90	66.122	.310	1

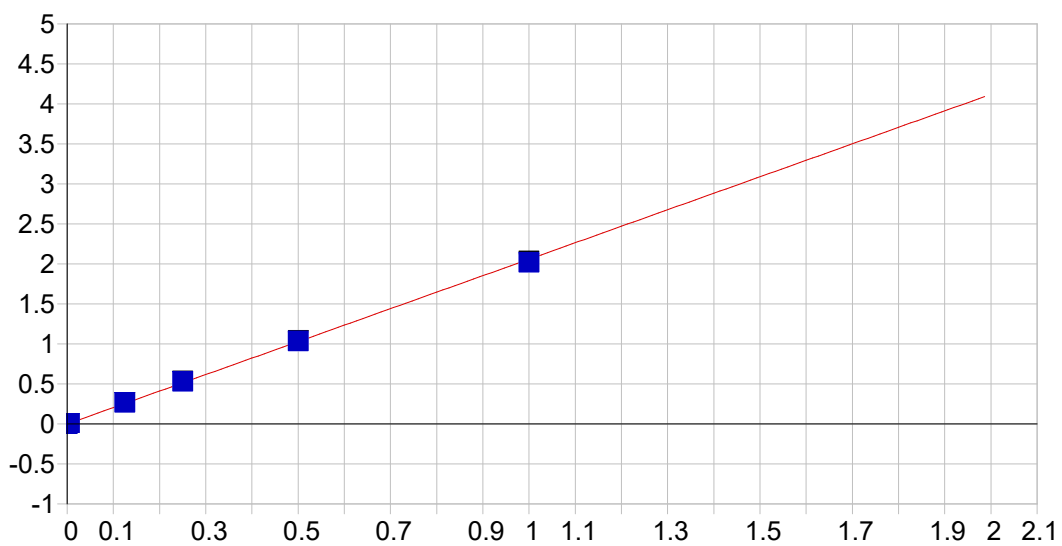


Ba 493.409 { 68}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014668 Re-Slope: 1.000000
 A1 (Gain): 2.654046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.003384
 Predicted MDL: 0.000733
 Predicted MQL: 0.002443

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01472	.001	1
S1	.20000	.21403	.014	7.02	.55338	.002	1
S2	2.5000	2.5425	.043	1.70	6.7333	.023	1
S3	5.0000	5.1163	.116	2.33	13.564	.021	1
S4	10.000	9.9322	-.068	-.678	26.346	.529	1
S5	20.000	19.895	-.105	-.525	52.787	.427	1

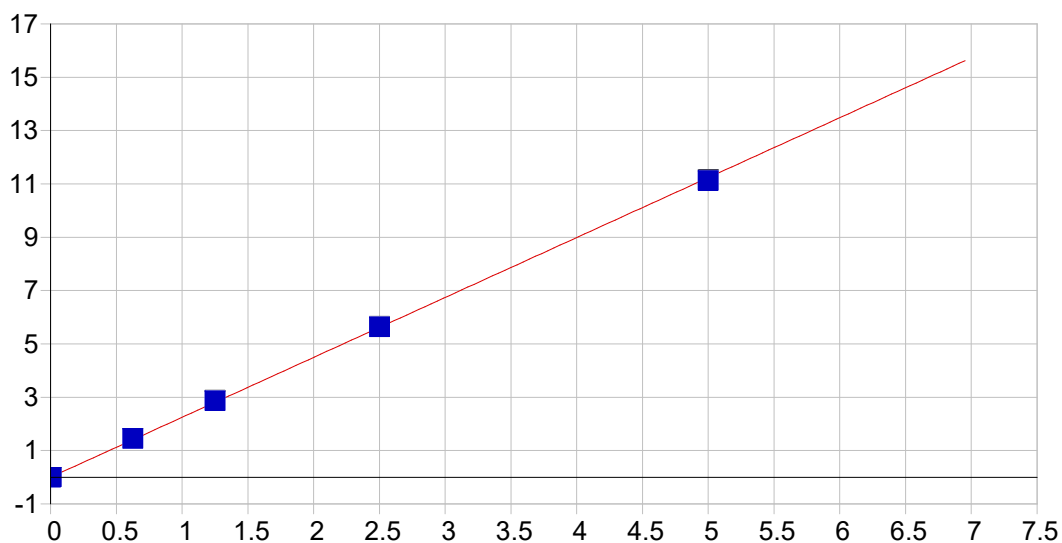


Be 234.861 {144}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001786 Re-Slope: 1.000000
 A1 (Gain): 2.060469 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721 Status: OK.
 Std Error of Est: 0.000182
 Predicted MDL: 0.000116
 Predicted MQL: 0.000386

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00179	.000	1
S1	.00500	.00584	.001	16.8	.01024	.000	1
S2	.12500	.13082	.006	4.66	.26711	.001	1
S3	.25000	.25850	.008	3.40	.52951	.004	1
S4	.50000	.50291	.003	.582	1.0318	.008	1
S5	1.0000	.98193	-.018	-1.81	2.0161	.014	1

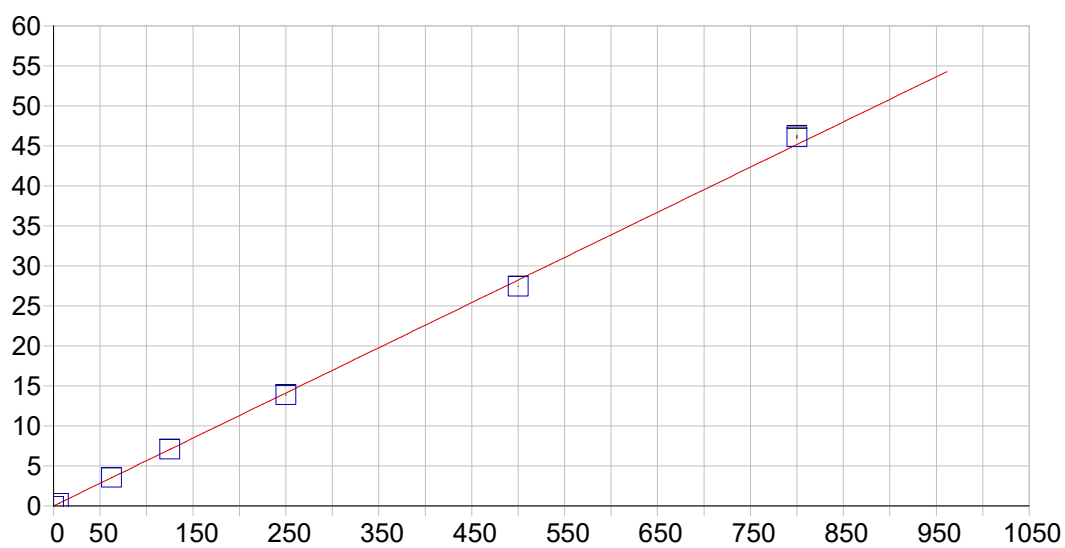


Cd 214.438 {457}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000448	Re-Slope:	1.000000
A1 (Gain):	2.247179	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000251		
Predicted MDL:	0.000146		
Predicted MQL:	0.000486		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.00500	.00563	.001	12.7	.01222	.000	1
S2	.62500	.64273	.018	2.84	1.4466	.001	1
S3	1.2500	1.2752	.025	2.01	2.8706	.015	1
S4	2.5000	2.5086	.009	.344	5.6479	.006	1
S5	5.0000	4.9479	-.052	-1.04	11.141	.022	1

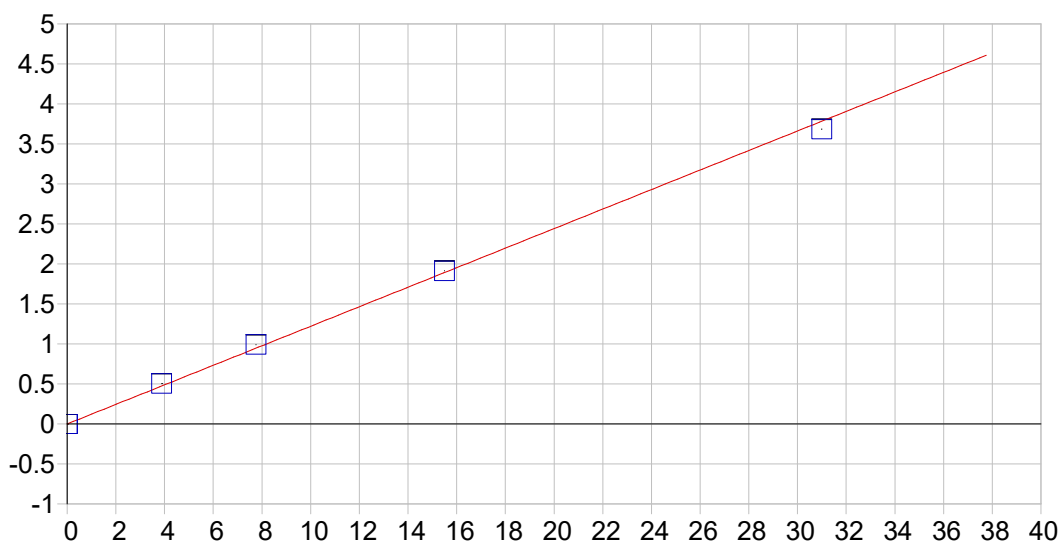


Ca 373.690 { 90}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000729 Re-Slope: 1.000000
 A1 (Gain): 0.056466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.004380
 Predicted MDL: 0.011989
 Predicted MQL: 0.039964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	-.000	.000	.00071	.000	1
S1	5.0000	5.4885	.488	9.77	.31064	.001	1
S2	62.500	62.699	.199	.318	3.5411	.013	1
S3	125.00	125.24	.244	.195	7.0727	.009	1
S4	250.00	246.04	-3.96	-1.59	13.893	.042	1
S5	500.00	486.06	-13.9	-2.79	27.446	.020	1
S6	800.00	816.97	17.0	2.12	46.132	.184	1

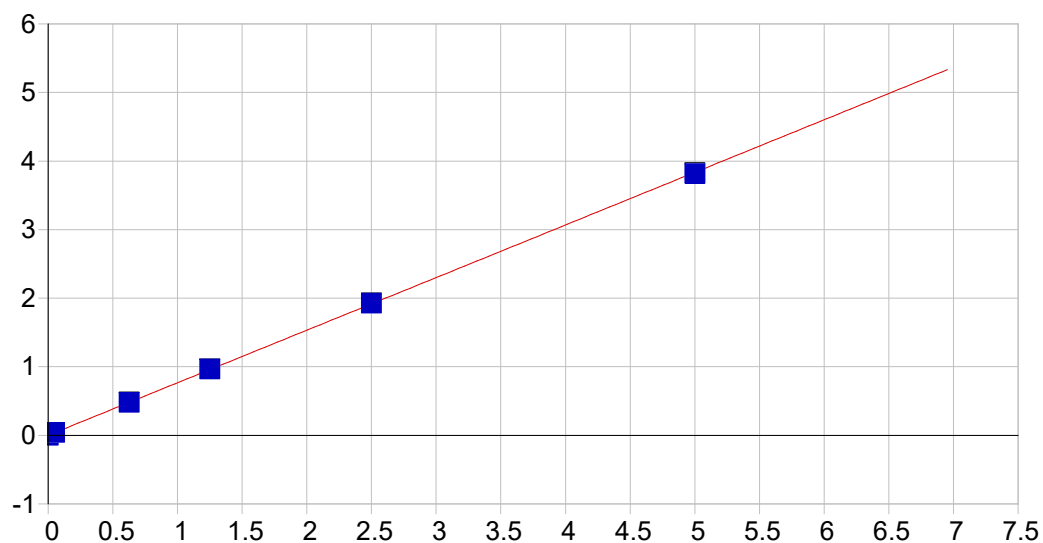


Cr 267.716 {126}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.122066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.000772
 Predicted MQL: 0.002575

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01161	.002	16.1	.00138	.000	1
S2	3.8750	4.1352	.260	6.71	.50473	.001	1
S3	7.7500	8.1149	.365	4.71	.99051	.002	1
S4	15.500	15.678	.178	1.15	1.9137	.001	1
S5	31.000	30.195	-.805	-2.60	3.6858	.004	1

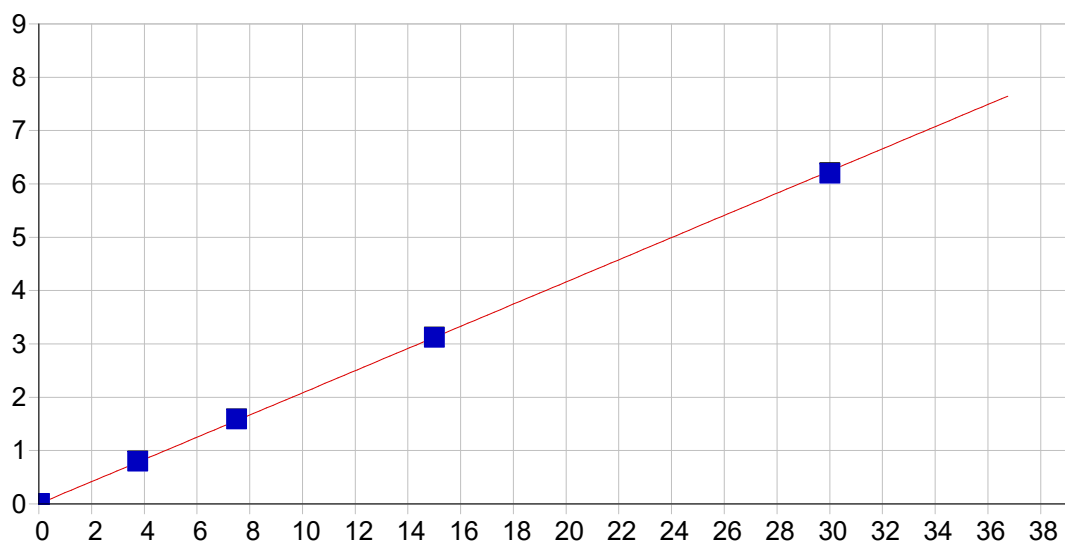


Co 228.616 {448}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000189 Re-Slope: 1.000000
 A1 (Gain): 0.766969 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.000412
 Predicted MQL: 0.001374

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.05000	.05278	.003	5.56	.04042	.000	1
S2	.62500	.62576	.001	.122	.48047	.002	1
S3	1.2500	1.2601	.010	.810	.96773	.002	1
S4	2.5000	2.5095	.009	.378	1.9274	.003	1
S5	5.0000	4.9769	-.023	-.463	3.8227	.008	1

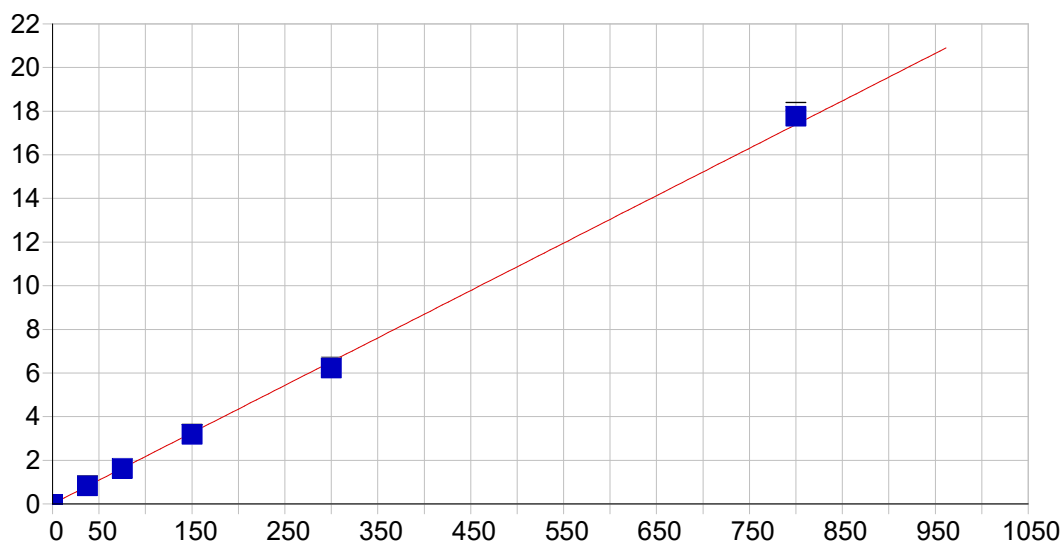


Cu 324.754 {104}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002040	Re-Slope:	1.000000
A1 (Gain):	0.207988	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000108		
Predicted MDL:	0.002141		
Predicted MQL:	0.007135		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00204	.000	1
S1	.02500	.03111	.006	24.4	.00850	.000	1
S2	3.7500	3.8393	.089	2.38	.79952	.001	1
S3	7.5000	7.6215	.122	1.62	1.5851	.002	1
S4	15.000	15.003	.003	.019	3.1182	.006	1
S5	30.000	29.780	-.220	-.733	6.1875	.011	1

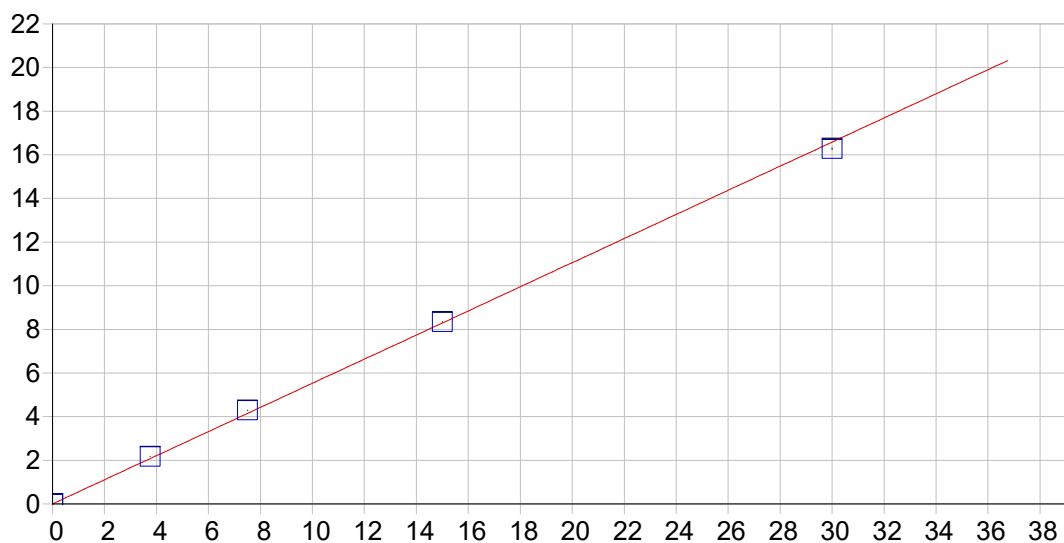


Fe 259.837 {130}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.021734 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999598 Status: OK.
 Std Error of Est: 0.000269
 Predicted MDL: 0.008880
 Predicted MQL: 0.029599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.10000	.10490	.005	4.90	.00248	.000	1
S2	37.500	37.887	.387	1.03	.82461	.002	1
S3	75.000	74.551	-.449	-.599	1.6224	.010	1
S4	150.00	146.33	-3.67	-2.45	3.1844	.008	1
S5	300.00	286.34	-13.7	-4.55	6.2312	.034	1
S6	800.00	817.40	17.4	2.17	17.778	.177	1

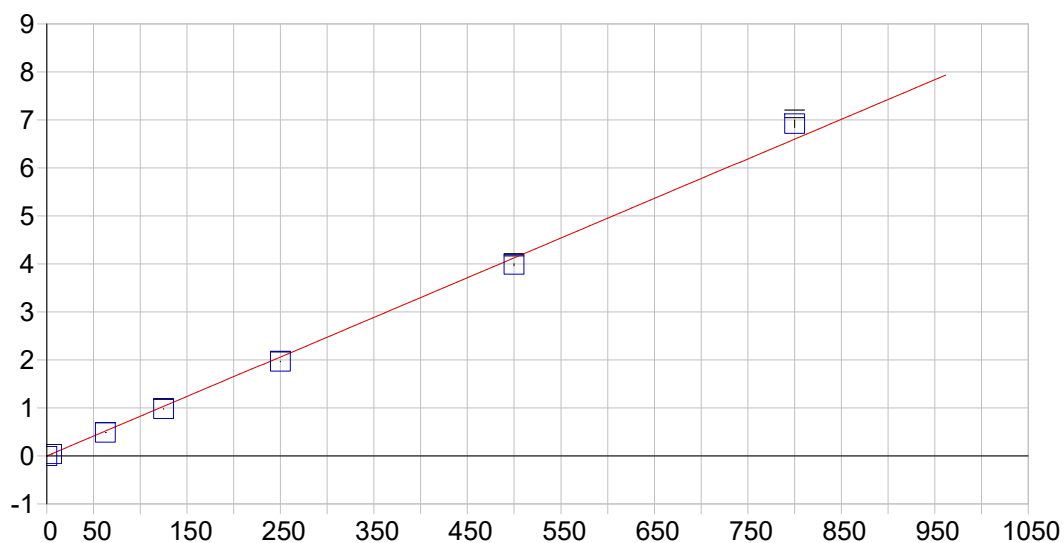


Mn 257.610 {131}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000532 Re-Slope: 1.000000
 A1 (Gain): 0.552818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000452
 Predicted MDL: 0.000401
 Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.01500	.01680	.002	12.0	.00982	.000	1
S2	3.7500	3.9362	.186	4.97	2.1765	.007	1
S3	7.5000	7.7683	.268	3.58	4.2950	.008	1
S4	15.000	15.093	.093	.622	8.3444	.014	1
S5	30.000	29.450	-.550	-1.83	16.281	.024	1

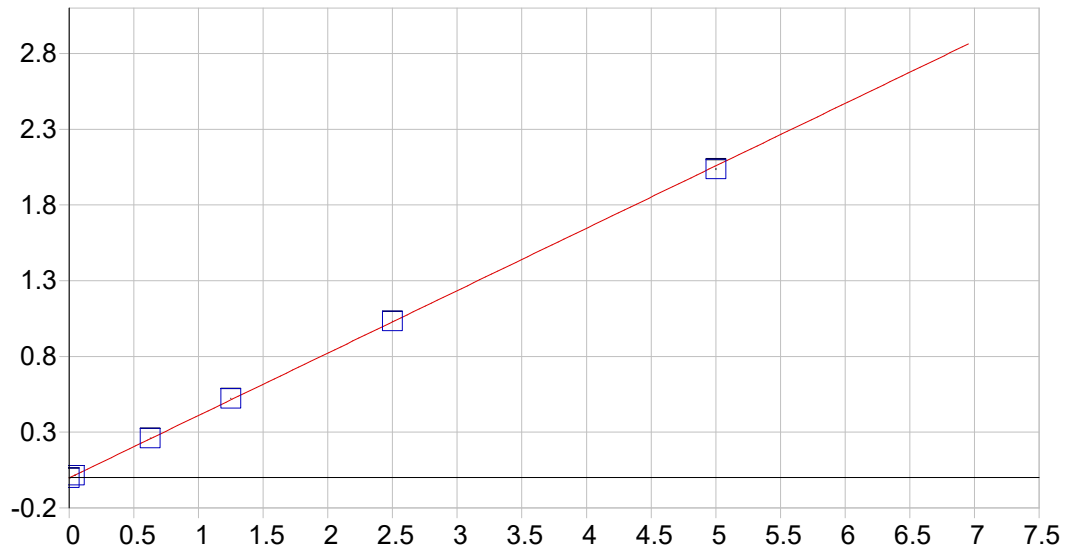


Mg 279.079 {121}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.008251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998985 Status: OK.
 Std Error of Est: 0.001299
 Predicted MDL: 0.027837
 Predicted MQL: 0.092789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	-.00031	.000	1
S1	5.0000	5.1117	.112	2.23	.04186	.000	1
S2	62.500	59.025	-3.47	-5.56	.48672	.002	1
S3	125.00	118.57	-6.43	-5.15	.97801	.006	1
S4	250.00	238.26	-11.7	-4.70	1.9657	.005	1
S5	500.00	482.82	-17.2	-3.44	3.9836	.025	1
S6	800.00	838.72	38.7	4.84	6.9202	.078	1

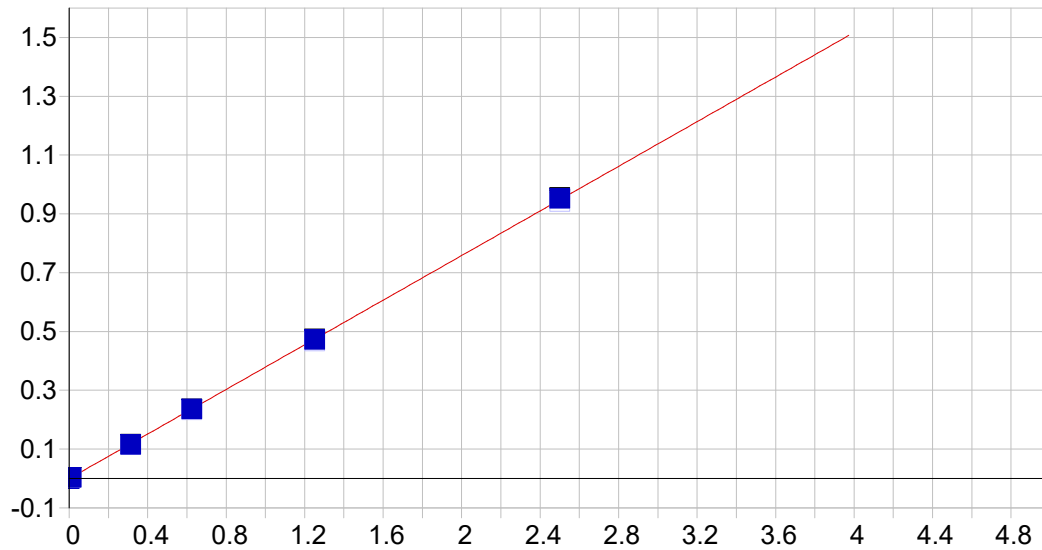


Ni 231.604 {446}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001855	Re-Slope:	1.000000
A1 (Gain):	0.412019	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000124		
Predicted MDL:	0.000779		
Predicted MQL:	0.002598		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00186	.000	1
S1	.04000	.04299	.003	7.48	.01586	.000	1
S2	.62500	.63725	.012	1.96	.26070	.001	1
S3	1.2500	1.2745	.025	1.96	.52327	.001	1
S4	2.5000	2.5115	.011	.458	1.0329	.001	1
S5	5.0000	4.9488	-.051	-1.02	2.0371	.004	1

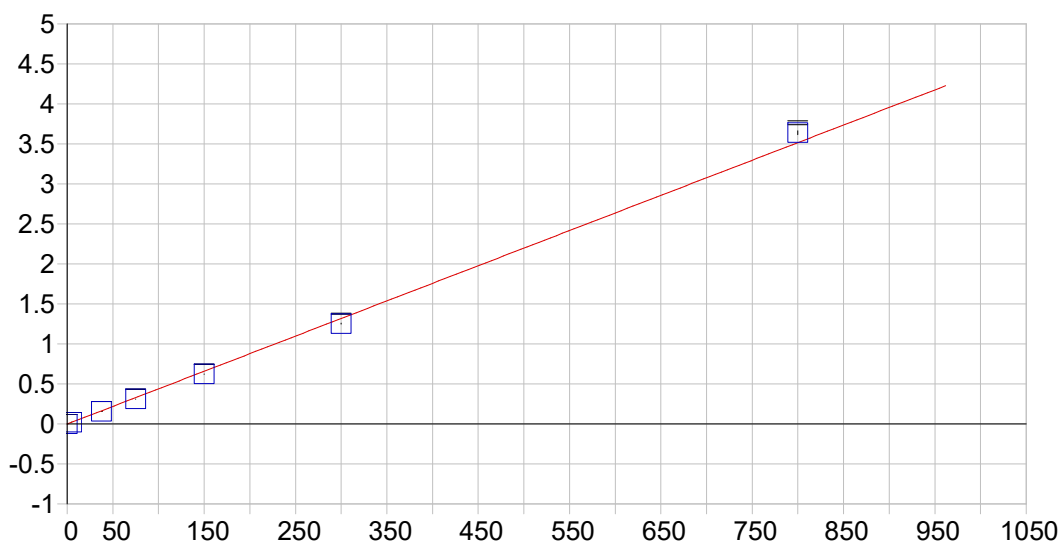


Ag 328.068 {103}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000562	Re-Slope:	1.000000
A1 (Gain):	0.379419	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.000472		
Predicted MQL:	0.001573		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.01000	.01018	.000	1.84	.00328	.000	1
S2	.31250	.30695	-.006	-1.78	.11464	.000	1
S3	.62500	.62301	-.002	-.319	.23330	.001	1
S4	1.2500	1.2469	-.003	-.252	.46747	.002	1
S5	2.5000	2.5105	.011	.420	.94188	.004	1

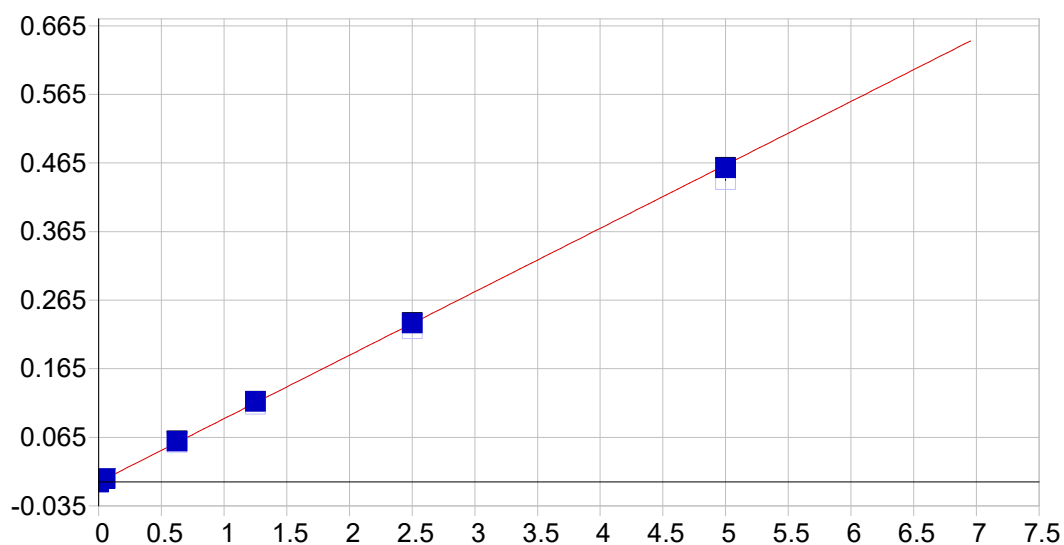


Na 818.326 { 41}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001175 Re-Slope: 1.000000
 A1 (Gain): 0.004396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999103 Status: OK.
 Std Error of Est: 0.000576
 Predicted MDL: 0.269639
 Predicted MQL: 0.898796

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00067	.001	.000	-.00117	.001	1
S1	5.0000	5.1696	.170	3.39	.02155	.001	1
S2	37.500	35.734	-1.77	-4.71	.15593	.001	1
S3	75.000	71.054	-3.95	-5.26	.31121	.002	1
S4	150.00	141.92	-8.08	-5.39	.62278	.001	1
S5	300.00	285.28	-14.7	-4.91	1.2531	.006	1
S6	800.00	828.34	28.3	3.54	3.6406	.023	1

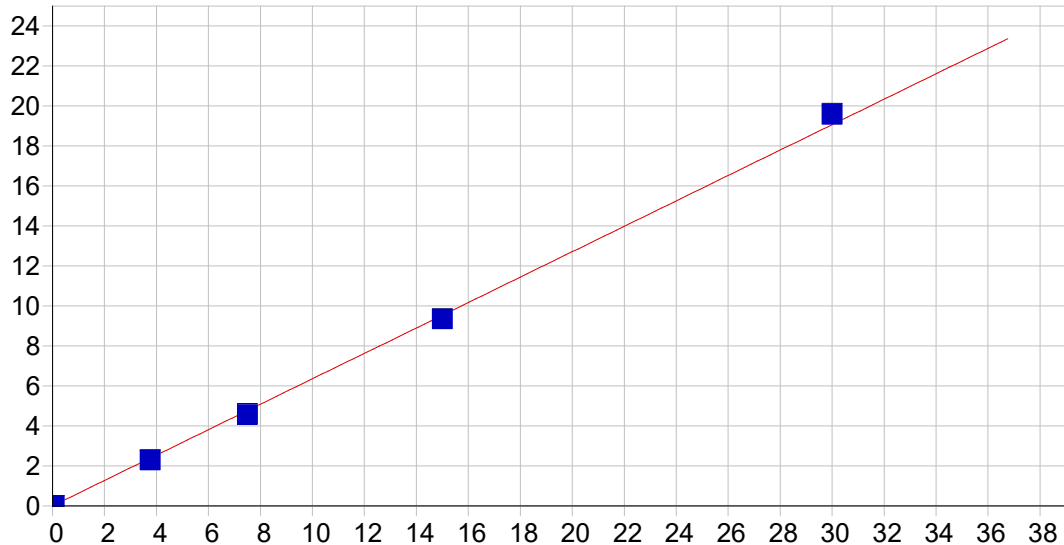


V 292.402 {115}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000324	Re-Slope:	1.000000
A1 (Gain):	0.092526	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.003048		
Predicted MQL:	0.010160		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00032	.000	1
S1	.05000	.05595	.006	11.9	.00484	.000	1
S2	.62500	.64503	.020	3.20	.05723	.000	1
S3	1.2500	1.2713	.021	1.71	.11305	.000	1
S4	2.5000	2.5037	.004	.148	.22282	.001	1
S5	5.0000	4.9488	-.051	-1.02	.44054	.001	1

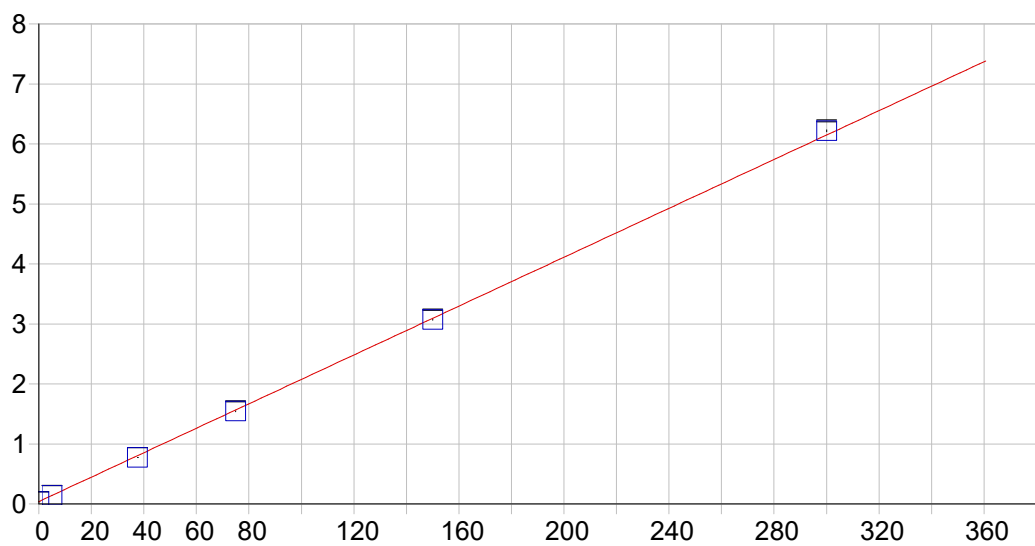


Zn 213.856 {158}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001136 Re-Slope: 1.000000
 A1 (Gain): 0.635623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999573 Status: OK.
 Std Error of Est: 0.001323
 Predicted MDL: 0.001762
 Predicted MQL: 0.005872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00114	.001	1
S1	.06000	.05769	-.002	-3.86	.03792	.002	1
S2	3.7500	3.5904	-.160	-4.26	2.2851	.014	1
S3	7.5000	7.1761	-.324	-4.32	4.5662	.046	1
S4	15.000	14.692	-.308	-2.05	9.3471	.012	1
S5	30.000	30.794	.794	2.65	19.589	.055	1

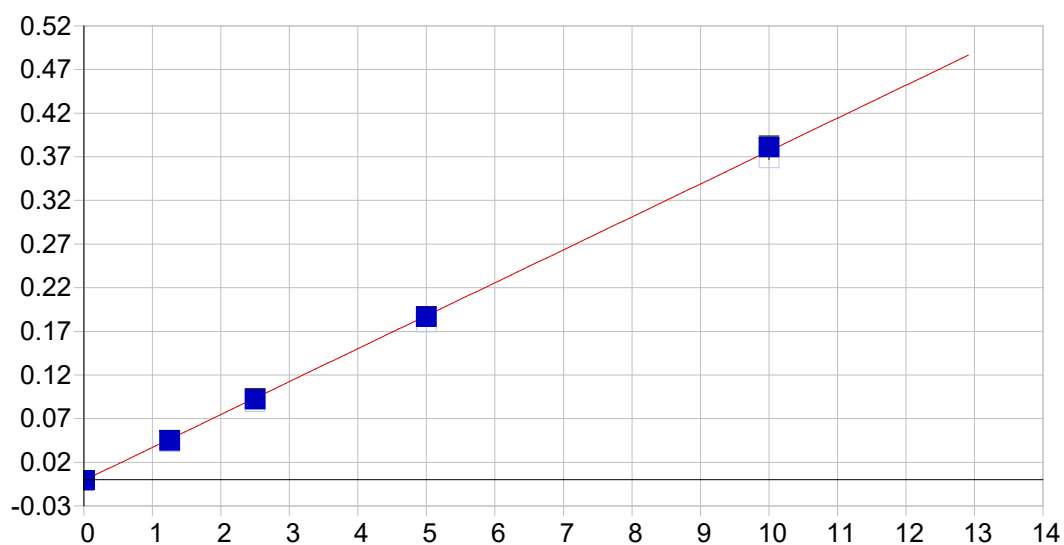


K 769.896 { 44 }

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.039123	Re-Slope:	1.000000
A1 (Gain):	0.020362	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000599		
Predicted MDL:	0.059759		
Predicted MQL:	0.199197		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.03913	.001	1
S1	5.0000	5.0239	.024	.479	.14142	.001	1
S2	37.500	36.119	-1.38	-3.68	.77457	.000	1
S3	75.000	73.911	-1.09	-1.45	1.5441	.005	1
S4	150.00	148.93	-1.07	-.713	3.0717	.009	1
S5	300.00	303.52	3.52	1.17	6.2193	.017	1

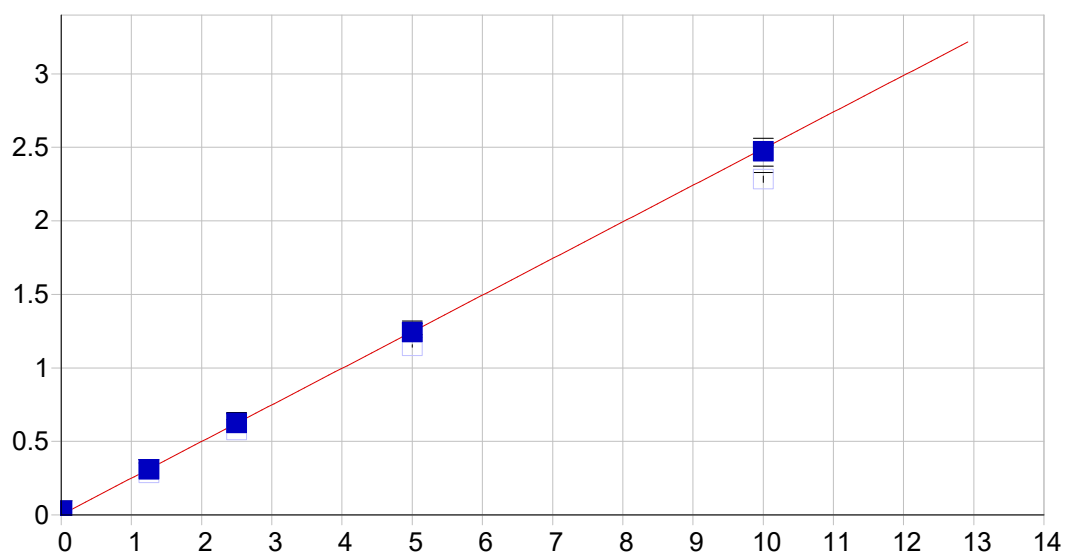


P 177.495 {490}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000706 Re-Slope: 1.000000
 A1 (Gain): 0.037730 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.004709
 Predicted MQL: 0.015695

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00071	.000	1
S1	.01000	.01088	.001	8.79	-.00030	.000	1
S2	1.2500	1.2093	-.041	-3.26	.04336	.000	1
S3	2.5000	2.4614	-.039	-1.54	.08904	.001	1
S4	5.0000	4.9633	-.037	-.735	.18032	.000	1
S5	10.000	10.115	.115	1.15	.36846	.002	1

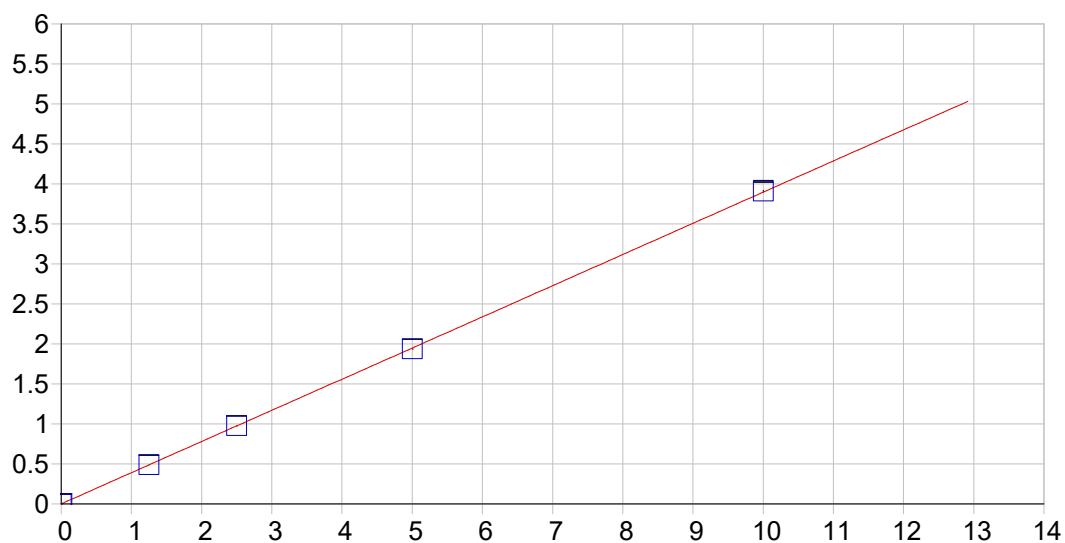


B 249.678 {135}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001086 Re-Slope: 1.000000
 A1 (Gain): 0.248999 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.972191 Status: OK.
 Std Error of Est: 0.000930
 Predicted MDL: 0.001199
 Predicted MQL: 0.003996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00106	.000	1
S1	.01000	.10636	.096	964.	.02753	.000	1
S2	1.2500	1.2348	-.015	-1.22	.28503	.001	1
S3	2.5000	2.5017	.002	.070	.57698	.004	1
S4	5.0000	4.9878	-.012	-.244	1.1490	.008	1
S5	10.000	9.9230	-.077	-.770	2.2838	.022	1

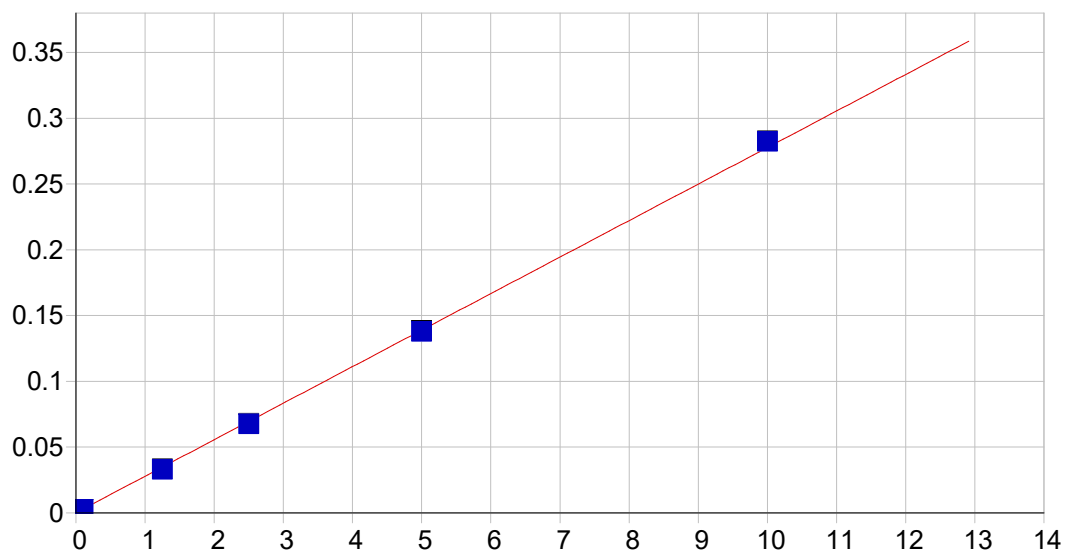


Mo 202.030 {467}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000578 Re-Slope: 1.000000
 A1 (Gain): 0.389607 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000662
 Predicted MQL: 0.002206

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.01000	.01063	.001	6.26	.00472	.000	1
S2	1.2500	1.2468	-.003	-.254	.48635	.001	1
S3	2.5000	2.5039	.004	.154	.97610	.001	1
S4	5.0000	4.9673	-.033	-.654	1.9359	.002	1
S5	10.000	10.031	.031	.314	3.9089	.013	1

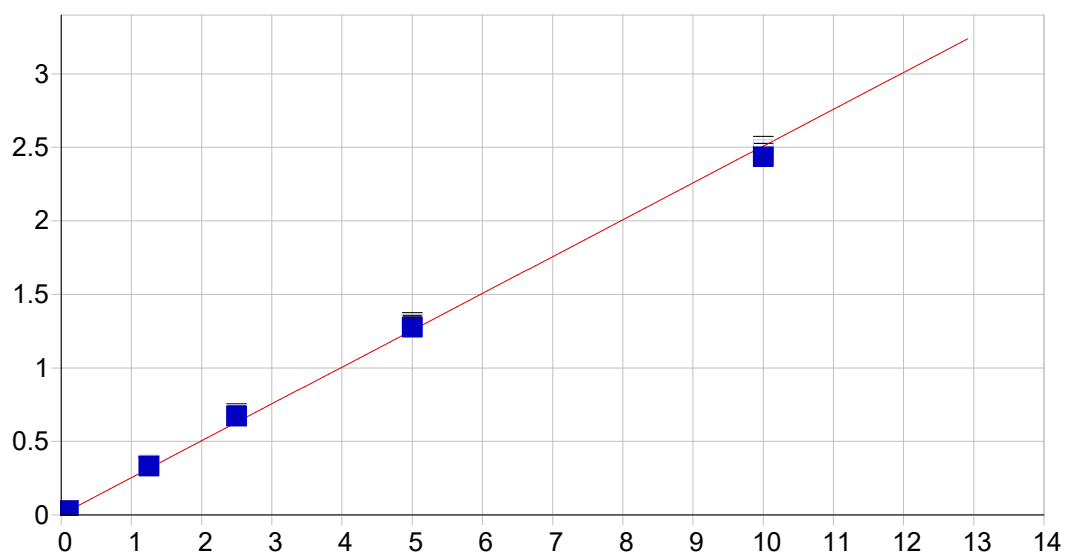


S 182.034 {485}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.027762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.006785
 Predicted MQL: 0.022618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00014	.000	1
S1	.10000	.09897	-.001	-1.03	.00289	.000	1
S2	1.2500	1.1883	-.062	-4.94	.03312	.000	1
S3	2.5000	2.4282	-.072	-2.87	.06754	.000	1
S4	5.0000	4.9642	-.036	-.716	.13794	.001	1
S5	10.000	10.170	.170	1.70	.28246	.000	1

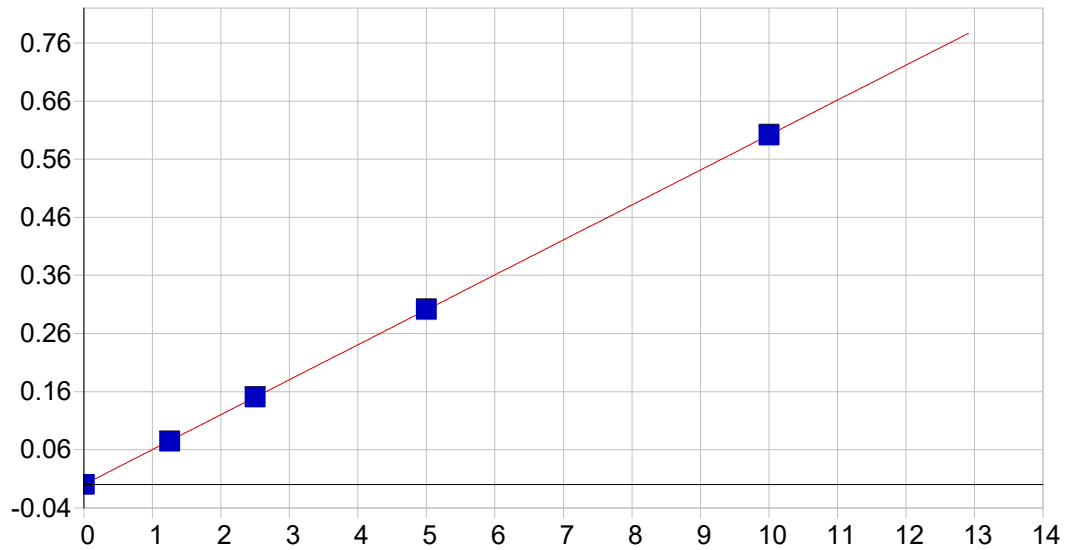


Si 251.611 {134}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003408 Re-Slope: 1.000000
 A1 (Gain): 0.250477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999431 Status: OK.
 Std Error of Est: 0.000458
 Predicted MDL: 0.001256
 Predicted MQL: 0.004188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00341	.000	1
S1	.10000	.10062	.001	.620	.02889	.000	1
S2	1.2500	1.3030	.053	4.24	.33589	.001	1
S3	2.5000	2.6611	.161	6.44	.68215	.005	1
S4	5.0000	5.0768	.077	1.54	1.2995	.009	1
S5	10.000	9.7085	-.292	-2.92	2.4840	.024	1

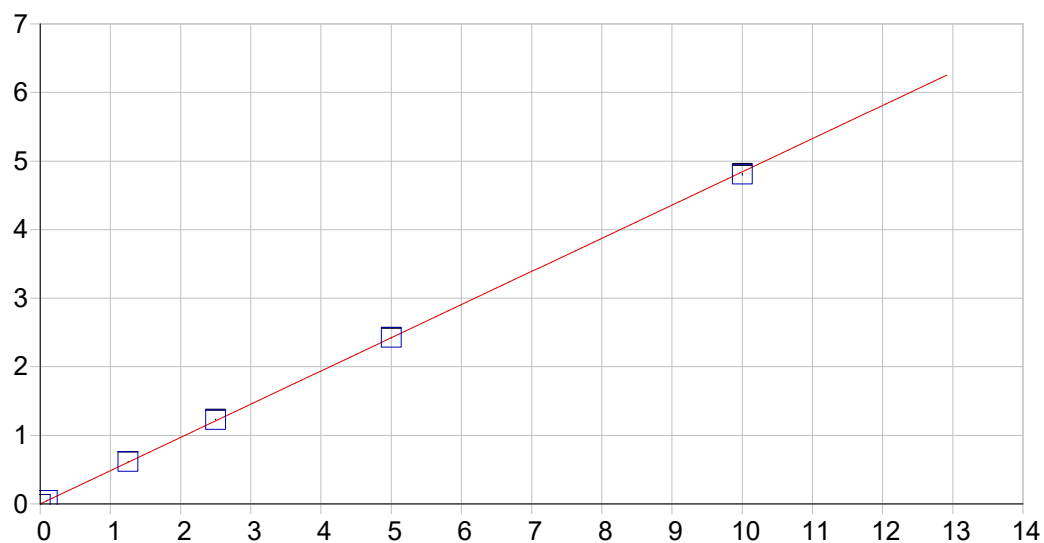


Sn 189.989 {478}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.060132	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000002		
Predicted MDL:	0.002608		
Predicted MQL:	0.008692		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00639	-.001	-8.73	.00055	.000	1
S2	1.2500	1.2402	-.010	-.782	.07455	.000	1
S3	2.5000	2.5042	.004	.166	.15035	.001	1
S4	5.0000	5.0079	.008	.159	.30050	.001	1
S5	10.000	9.9983	-.002	-.017	.59977	.002	1

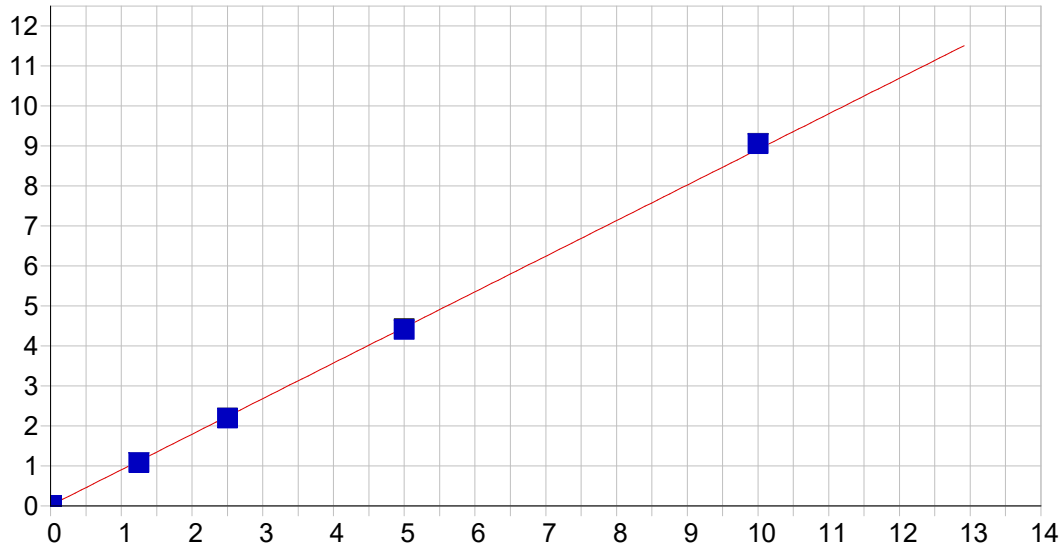


Ti 336.121 {100}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000622 Re-Slope: 1.000000
 A1 (Gain): 0.484196 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000289
 Predicted MDL: 0.001025
 Predicted MQL: 0.003417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00062	.000	1
S1	.10000	.10947	.009	9.47	.05363	.000	1
S2	1.2500	1.2721	.022	1.77	.61657	.001	1
S3	2.5000	2.5365	.037	1.46	1.2288	.006	1
S4	5.0000	5.0057	.006	.114	2.4244	.007	1
S5	10.000	9.9262	-.074	-.738	4.8069	.013	1



Li 670.784 { 50}

Date of Fit: 08/10/2021 15:35:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011806 Re-Slope: 1.000000
 A1 (Gain): 0.890334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000333
 Predicted MDL: 0.001419
 Predicted MQL: 0.004731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01181	.001	1
S5	10.000	10.160	.160	1.60	9.0480	.009	1
S4	5.0000	4.9408	-.059	-1.18	4.4059	.018	1
S3	2.5000	2.4480	-.052	-2.08	2.1890	.003	1
S2	1.2500	1.2013	-.049	-3.90	1.0802	.002	1
S1	.01500	.01489	-.000	-.724	.02499	.000	1







Y 224.306 {150}*

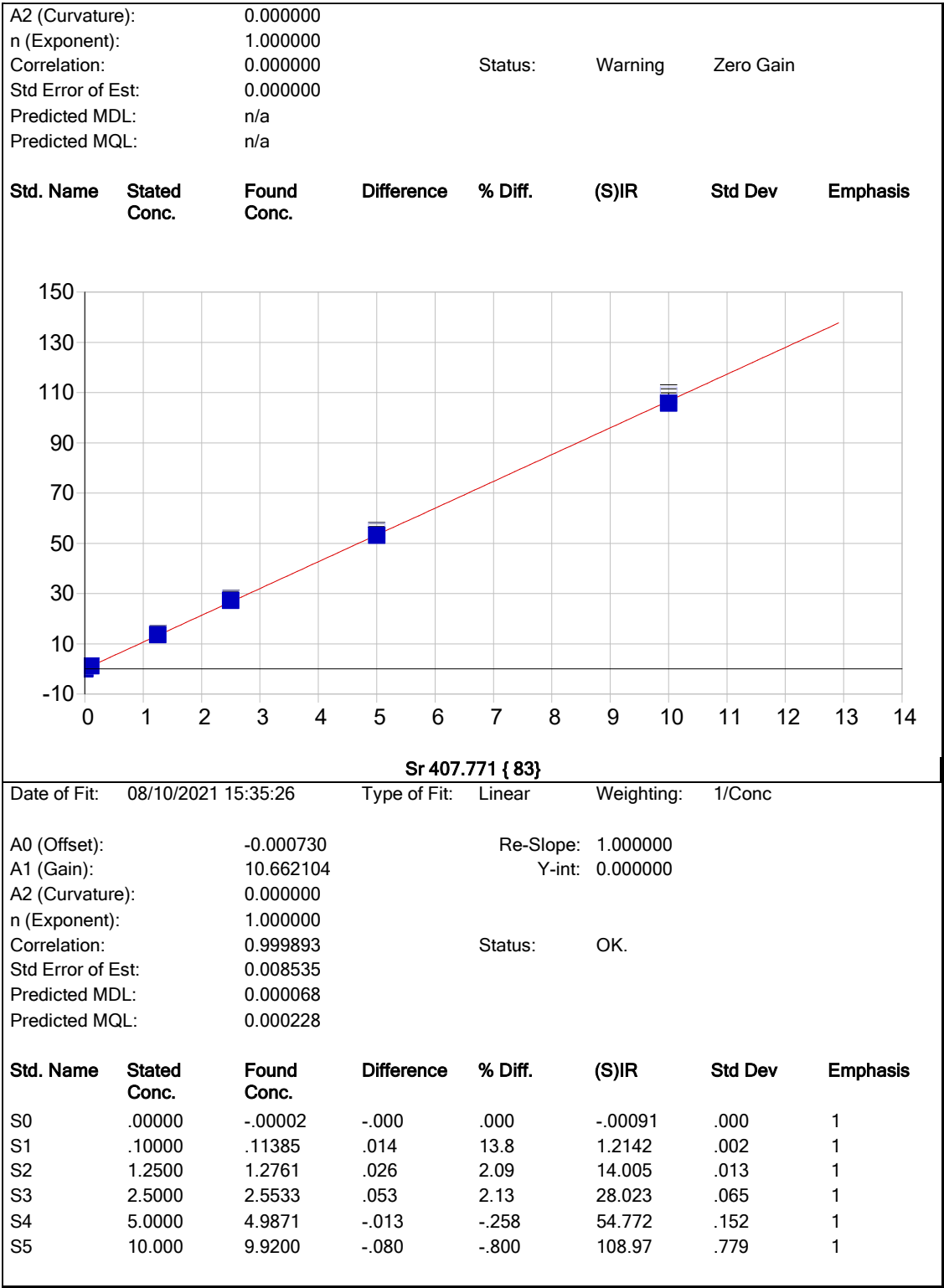
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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



In 230.606 {446}*

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



Sample Name: S0 Acquired: 08/10/2021 10:13:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	-.00031	-.00120	.00058	.00125	.00083	.00169	-.01472	-.00179
Stddev	.00020	.00019	.00042	.00021	.00020	.00027	.00120	.00007
%RSD	66.042	15.449	71.418	17.173	24.374	15.987	8.1190	4.1036
#1	-.00027	-.00106	.00086	.00111	.00102	.00153	-.01496	-.00184
#2	-.00053	-.00141	.00010	.00149	.00062	.00155	-.01578	-.00182
#3	-.00013	-.00114	.00079	.00114	.00084	.00200	-.01342	-.00170
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	-.00045	.00071	-.00004	-.00019	.00204	.00019	.00053	-.00031
Stddev	.00022	.00029	.00003	.00015	.00032	.00019	.00023	.00004
%RSD	48.899	40.823	74.798	76.786	15.707	95.963	42.851	11.735
#1	-.00039	.00075	-.00005	-.00036	.00176	.00018	.00073	-.00029
#2	-.00069	.00040	-.00006	-.00010	.00197	.00001	.00028	-.00029
#3	-.00026	.00097	-.00001	-.00011	.00239	.00038	.00058	-.00035
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	-.00186	-.00056	-.00117	-.00032	.00114	.03913	-.00071	.00106
Stddev	.00008	.00008	.00116	.00018	.00068	.00083	.00012	.00027
%RSD	4.3449	14.965	98.603	56.639	59.761	2.1113	16.795	25.797
#1	-.00193	-.00064	-.00176	-.00026	.00115	.03989	-.00079	.00076
#2	-.00187	-.00047	.00016	-.00018	.00046	.03825	-.00076	.00128
#3	-.00177	-.00058	-.00192	-.00053	.00182	.03925	-.00057	.00115
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	.00058	.00014	.00341	.00018	.00062	.01181	-.00091	
Stddev	.00011	.00002	.00044	.00018	.00021	.00057	.00026	
%RSD	19.139	13.837	13.008	101.09	33.972	4.8694	28.322	
#1	.00067	.00012	.00390	-.00003	.00060	.01149	-.00082	
#2	.00061	.00016	.00327	.00031	.00042	.01146	-.00071	
#3	.00046	.00014	.00305	.00026	.00083	.01247	-.00120	

Sample Name: S0 Acquired: 08/10/2021 10:13:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1651.4	30807.	8509.6	914.33	2080.7
Stddev	2.3	16.	13.2	8.21	2.3
%RSD	.14012	.05337	.15458	.89805	.10948
#1	1651.0	30791.	8507.0	915.21	2079.7
#2	1649.4	30805.	8497.9	922.07	2079.1
#3	1653.9	30824.	8523.9	905.72	2083.3

Sample Name: S1 Acquired: 08/10/2021 10:17:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	-.00000	.00005	.00240	.00323	.00766	.01770	.55338	.01024
Stddev	.00013	.00017	.00049	.00006	.00015	.00055	.00227	.00031
%RSD	5034.1	322.78	20.409	1.9330	1.9077	3.1231	.41036	2.9954

#1	.00014	.00013	.00191	.00316	.00778	.01829	.55355	.00995
#2	-.00002	-.00014	.00288	.00326	.00750	.01760	.55556	.01020
#3	-.00012	.00017	.00239	.00327	.00770	.01720	.55103	.01056

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	.01222	.31064	.00138	.04042	.00850	.00248	.00982	.04186
Stddev	.00009	.00086	.00006	.00005	.00025	.00026	.00013	.00030
%RSD	.71634	.27746	4.2984	.11573	2.9710	10.629	1.2823	.72800

#1	.01214	.30968	.00142	.04043	.00824	.00256	.00979	.04163
#2	.01220	.31088	.00131	.04046	.00851	.00219	.00996	.04175
#3	.01231	.31136	.00141	.04037	.00875	.00270	.00971	.04221

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	.01586	.00328	.02155	.00484	.03792	.14142	-.00030	.02753
Stddev	.00031	.00006	.00105	.00041	.00223	.00056	.00017	.00011
%RSD	1.9635	1.8202	4.8584	8.4668	5.8804	.39928	57.175	.39809

#1	.01582	.00325	.02252	.00527	.04049	.14204	-.00035	.02765
#2	.01619	.00324	.02169	.00446	.03685	.14128	-.00011	.02744
#3	.01557	.00334	.02044	.00479	.03643	.14094	-.00045	.02750

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	.00472	.00289	.02889	.00055	.05363	.02499	1.2142	
Stddev	.00012	.00003	.00003	.00013	.00034	.00040	.0021	
%RSD	2.5122	1.0266	.11644	23.527	.63997	1.5810	.17366	

#1	.00464	.00292	.02886	.00046	.05402	.02538	1.2129	
#2	.00485	.00287	.02887	.00070	.05341	.02500	1.2166	
#3	.00465	.00286	.02892	.00049	.05345	.02459	1.2131	

Sample Name: S1 Acquired: 08/10/2021 10:17:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1650.9	30872.	8443.5	920.76	2101.7
Stddev	6.3	52.	25.4	1.63	5.4
%RSD	.38063	.16944	.30093	.17653	.25885
#1	1643.6	30853.	8424.7	919.54	2096.9
#2	1654.2	30832.	8433.4	920.13	2100.7
#3	1654.8	30931.	8472.4	922.60	2107.6

Sample Name: S2 Acquired: 08/10/2021 10:21:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	.04370	.06425	1.1617	.07752	.13347	2.8688	6.7333	.26711
Stddev	.00029	.00021	.0020	.00047	.00030	.0033	.0225	.00057
%RSD	.67032	.32451	.16946	.60148	.22278	.11567	.33445	.21215

#1	.04391	.06428	1.1595	.07766	.13362	2.8707	6.7386	.26758
#2	.04336	.06403	1.1631	.07790	.13366	2.8650	6.7085	.26648
#3	.04382	.06444	1.1627	.07700	.13313	2.8709	6.7526	.26726

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	1.4466	3.5411	.50473	.48047	.79952	.82461	2.1765	.48672
Stddev	.0013	.0130	.00068	.00202	.00121	.00186	.0072	.00245
%RSD	.08769	.36616	.13527	.42097	.15155	.22607	.32940	.50254

#1	1.4456	3.5441	.50425	.47871	.79848	.82507	2.1776	.48799
#2	1.4463	3.5269	.50551	.48002	.79924	.82620	2.1689	.48827
#3	1.4480	3.5522	.50442	.48268	.80085	.82256	2.1831	.48390

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	.26070	.11464	.15593	.05723	2.2851	.77457	.04336	.28503
Stddev	.00076	.00034	.00079	.00026	.0143	.00027	.00024	.00060
%RSD	.29227	.29577	.50638	.45238	.62339	.03468	.54911	.21137

#1	.26016	.11464	.15676	.05744	2.2970	.77471	.04358	.28542
#2	.26037	.11498	.15519	.05730	2.2891	.77426	.04340	.28534
#3	.26157	.11430	.15584	.05694	2.2693	.77474	.04311	.28434

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	.48635	.03312	.33589	.07455	.61657	1.0802	14.005
Stddev	.00144	.00015	.00089	.00024	.00145	.0021	.013
%RSD	.29532	.44970	.26403	.31846	.23584	.19184	.09004

#1	.48706	.03310	.33634	.07483	.61821	1.0810	14.018
#2	.48469	.03299	.33487	.07439	.61543	1.0778	14.005
#3	.48729	.03328	.33647	.07444	.61607	1.0817	13.992

Sample Name: S2 Acquired: 08/10/2021 10:21:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1599.7	30569.	8525.6	882.53	1999.1
Stddev	3.6	110.	10.9	2.20	3.2
%RSD	.22775	.36038	.12742	.24881	.16002
#1	1597.3	30535.	8513.5	880.85	1999.3
#2	1603.9	30480.	8528.9	881.72	2002.2
#3	1597.9	30692.	8534.5	885.01	1995.8

Sample Name: S3 Acquired: 08/10/2021 10:25:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	.08745	.12966	2.3407	.15162	.26599	5.7778	13.564	.52951
Stddev	.00063	.00081	.0058	.00101	.00012	.0217	.021	.00367
%RSD	.72019	.62628	.24617	.66733	.04389	.37543	.15763	.69303

#1	.08706	.12874	2.3344	.15110	.26587	5.7616	13.540	.53298
#2	.08711	.13028	2.3420	.15097	.26610	5.7693	13.570	.52988
#3	.08818	.12996	2.3457	.15278	.26602	5.8024	13.582	.52567

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8706	7.0727	.99051	.96773	1.5851	1.6224	4.2950	.97801
Stddev	.0147	.0090	.00184	.00162	.0021	.0104	.0081	.00621
%RSD	.51158	.12700	.18567	.16756	.13518	.63850	.18847	.63482

#1	2.8617	7.0701	.99040	.96586	1.5833	1.6130	4.2917	.97182
#2	2.8626	7.0654	.99240	.96877	1.5846	1.6207	4.2890	.97796
#3	2.8876	7.0827	.98873	.96855	1.5875	1.6335	4.3042	.98424

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	.52327	.23330	.31121	.11305	4.5662	1.5441	.08904	.57698
Stddev	.00137	.00097	.00166	.00047	.0459	.0054	.00058	.00400
%RSD	.26231	.41609	.53392	.41998	1.0049	.35235	.64683	.69256

#1	.52194	.23227	.30938	.11305	4.5239	1.5385	.08848	.58070
#2	.52319	.23420	.31165	.11352	4.5597	1.5444	.08963	.57749
#3	.52468	.23342	.31261	.11257	4.6150	1.5494	.08902	.57276

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	.97610	.06754	.68215	.15035	1.2288	2.1890	28.023
Stddev	.00107	.00045	.00521	.00098	.0057	.0034	.065
%RSD	.11000	.66605	.76393	.64947	.46264	.15502	.23151

#1	.97493	.06717	.68604	.14928	1.2276	2.1851	28.008
#2	.97632	.06742	.68419	.15059	1.2238	2.1913	27.967
#3	.97704	.06804	.67623	.15119	1.2350	2.1905	28.094

Sample Name: S3 Acquired: 08/10/2021 10:25:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1545.4	29994.	8398.2	854.37	1914.2
Stddev	2.3	66.	24.7	2.91	2.6
%RSD	.14790	.22136	.29415	.34113	.13499
#1	1543.7	30068.	8384.3	856.97	1915.1
#2	1548.0	29939.	8383.5	851.22	1916.3
#3	1544.5	29976.	8426.7	854.93	1911.3

Sample Name: S4 Acquired: 08/10/2021 10:29:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	.17465	.25301	4.6383	.29294	.52754	11.587	26.346	1.0318
Stddev	.00053	.00058	.0022	.00104	.00096	.026	.529	.0084
%RSD	.30314	.23017	.04625	.35624	.18242	.22867	2.0095	.80997

#1	.17404	.25365	4.6408	.29281	.52645	11.616	26.886	1.0400
#2	.17497	.25251	4.6369	.29197	.52791	11.582	26.325	1.0321
#3	.17493	.25288	4.6372	.29405	.52826	11.564	25.828	1.0233

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.6479	13.893	1.9137	1.9274	3.1182	3.1844	8.3444	1.9657
Stddev	.0064	.042	.0009	.0029	.0060	.0078	.0143	.0046
%RSD	.11340	.30249	.04740	.14826	.19369	.24584	.17175	.23495

#1	5.6427	13.942	1.9134	1.9296	3.1237	3.1931	8.3581	1.9701
#2	5.6460	13.874	1.9130	1.9284	3.1193	3.1823	8.3455	1.9660
#3	5.6551	13.865	1.9147	1.9241	3.1117	3.1779	8.3295	1.9609

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	1.0329	.46747	.62278	.22282	9.3471	3.0717	.18032	1.1490
Stddev	.0011	.00200	.00098	.00116	.0118	.0095	.00024	.0080
%RSD	.10913	.42868	.15744	.51998	.12629	.30783	.13341	.69603

#1	1.0334	.46675	.62278	.22339	9.3597	3.0810	.18020	1.1545
#2	1.0337	.46593	.62180	.22358	9.3453	3.0621	.18060	1.1526
#3	1.0316	.46974	.62376	.22149	9.3363	3.0719	.18016	1.1398

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	1.9359	.13794	1.2995	.30050	2.4244	4.4059	54.772
Stddev	.0019	.00062	.0087	.00109	.0067	.0176	.152
%RSD	.09623	.44866	.67221	.36184	.27610	.40053	.27721

#1	1.9340	.13784	1.3072	.30176	2.4321	4.4260	54.916
#2	1.9359	.13860	1.3011	.29993	2.4203	4.3992	54.613
#3	1.9377	.13737	1.2900	.29982	2.4207	4.3927	54.786

Sample Name: S4 Acquired: 08/10/2021 10:29:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1465.4	29373.	8293.6	806.38	1796.9
Stddev	2.6	40.	55.4	3.33	1.4
%RSD	.17924	.13459	.66794	.41262	.07523
#1	1467.4	29330.	8235.8	802.56	1795.5
#2	1466.3	29407.	8298.9	807.92	1798.2
#3	1462.4	29383.	8346.2	808.65	1797.1

Sample Name: S5 Acquired: 08/10/2021 10:33:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	.35558	.48792	9.2612	.56833	1.0739	23.584	52.787	2.0161
Stddev	.00160	.00158	.0272	.00169	.0023	.076	.427	.0145
%RSD	.44881	.32281	.29318	.29806	.21470	.32177	.80925	.71751

#1	.35507	.48720	9.2309	.56837	1.0739	23.527	52.668	2.0177
#2	.35430	.48684	9.2833	.56662	1.0715	23.670	53.262	2.0298
#3	.35737	.48973	9.2694	.57001	1.0761	23.554	52.433	2.0010

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	11.141	27.446	3.6858	3.8227	6.1875	6.2312	16.281	3.9836
Stddev	.022	.020	.0039	.0076	.0114	.0342	.024	.0254
%RSD	.19909	.07191	.10545	.20019	.18495	.54860	.14762	.63673

#1	11.115	27.462	3.6902	3.8139	6.1886	6.2194	16.269	3.9663
#2	11.158	27.424	3.6831	3.8279	6.1984	6.2697	16.309	4.0127
#3	11.148	27.453	3.6840	3.8262	6.1756	6.2045	16.265	3.9718

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	2.0371	.94188	1.2531	.44054	19.589	6.2193	.36846	2.2838
Stddev	.0037	.00381	.0056	.00111	.055	.0169	.00175	.0223
%RSD	.18206	.40425	.44291	.25091	.28153	.27241	.47387	.97623

#1	2.0330	.94364	1.2508	.44004	19.549	6.2023	.36805	2.2879
#2	2.0382	.93751	1.2594	.44181	19.567	6.2362	.36696	2.3037
#3	2.0402	.94449	1.2490	.43978	19.652	6.2195	.37038	2.2597

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.9089	.28246	2.4840	.59977	4.8069	9.0480	108.97
Stddev	.0128	.00026	.0244	.00171	.0128	.0092	.78
%RSD	.32810	.09192	.98183	.28523	.26549	.10114	.71517

#1	3.8964	.28245	2.4857	.59877	4.7962	9.0558	109.49
#2	3.9083	.28220	2.5075	.59879	4.8210	9.0503	109.33
#3	3.9220	.28272	2.4588	.60174	4.8033	9.0379	108.07

Sample Name: S5 Acquired: 08/10/2021 10:33:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1345.8	28446.	8118.6	731.94	1656.0
Stddev	4.0	15.	55.9	2.77	3.1
%RSD	.29940	.05250	.68820	.37788	.18883
#1	1348.7	28443.	8127.9	734.57	1659.3
#2	1347.4	28463.	8058.7	729.06	1655.6
#3	1341.2	28433.	8169.3	732.20	1653.1

Sample Name: S6 Acquired: 08/10/2021 10:37:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	66.122	46.132	17.778	6.9202	3.6406
Stddev	.310	.184	.177	.0778	.0227
%RSD	.46824	.39915	.99563	1.1247	.62426

#1	65.783	46.023	17.576	6.8308	3.6144
#2	66.390	46.028	17.848	6.9573	3.6535
#3	66.194	46.344	17.909	6.9726	3.6539

Int. Std.	Y_3710
Units	Cts/S
Avg	7930.6
Stddev	34.2
%RSD	.43161

#1	7969.0
#2	7919.4
#3	7903.3

Sample Name: ICV001 Acquired: 08/10/2021 10:42:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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	1.012320	1.057636	1.013268	1.097432	.9977299	2.386449
Stddev	.003975	.007485	.000338	.003488	.0012544	.008481
%RSD	.3926818	.7076983	.0333122	.3178763	.1257219	.3553968

#1	1.012374	1.050630	1.012902	1.098121	.9984314	2.383147
#2	1.016267	1.056758	1.013337	1.100524	.9962817	2.380116
#3	1.008317	1.065522	1.013566	1.093650	.9984765	2.396085

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5294394	.5458567	.5403877	10.16687	.5641175	.5196717
Stddev	.0014014	.0010557	.0006283	.01515	.0010628	.0007455
%RSD	.2646975	.1933932	.1162628	.1489878	.1884098	.1434512

#1	.5309798	.5462977	.5398000	10.18393	.5636626	.5203209
#2	.5282398	.5466203	.5410499	10.15502	.5653321	.5198366
#3	.5290987	.5446520	.5403133	10.16164	.5633578	.5188575

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5457138	10.68761	.5250579	5.572624	.5340049	.2361287
Stddev	.0027894	.03513	.0013205	.031466	.0016417	.0010942
%RSD	.5111409	.3286603	.2514933	.5646592	.3074331	.4634102

#1	.5426290	10.66307	.5265771	5.544747	.5344600	.2373148
#2	.5480584	10.72784	.5241855	5.566381	.5353711	.2351585
#3	.5464542	10.67191	.5244112	5.606744	.5321837	.2359129

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02725	F .5522665	.9433762	9.406531	F .0045581	F .0135738
Stddev	.17978	.0041128	.0049673	.033659	.0014776	.0015336
%RSD	1.792876	.7447198	.5265409	.3578281	32.41691	11.29817

#1	10.19803	.5478648	.9488465	9.425351	.0056529	.0118582
#2	9.83966	.5560114	.9421345	9.426571	.0051440	.0148115
#3	10.04408	.5529233	.9391476	9.367671	.0028774	.0140517

Sample Name: ICV001 Acquired: 08/10/2021 10:42:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) 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 .0004165	F -.000065	F .0060207	F .0018498	F -.000321	F .0096076
Stddev	.0006109	.006707	.0011379	.0025381	.000418	.0012730
%RSD	146.6695	10375.59	18.89996	137.2103	130.4249	13.24992

#1	.0010937	.007575	.0054068	.0035879	.000146	.0110768
#2	.0002490	-.004983	.0053216	.0030243	-.000660	.0088319
#3	-.000093	-.002786	.0073337	-.001063	-.000448	.0089142

Elem	Sr4077
Units	ppm
Avg	F -.009381
Stddev	.000086
%RSD	.9119773

#1	-.009312
#2	-.009477
#3	-.009355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1615.982	30867.65	8507.812	903.0221	2067.546
Stddev	.713	74.38	32.258	1.2530	3.254
%RSD	.0440933	.2409711	.3791594	.1387539	.1573851

#1	1615.637	30946.27	8473.852	901.8457	2065.179
#2	1615.509	30858.28	8538.044	904.3397	2066.203
#3	1616.802	30798.39	8511.540	902.8809	2071.257

Sample Name: ICB001 Acquired: 08/10/2021 10:46:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000439	.0000150	.0008408	-.003651	.0006946	.0028843	-.000846
Stddev	.007944	.0032623	.0018085	.003479	.0013745	.0033132	.000495
%RSD	1808.439	21800.93	215.0808	95.27932	197.8854	114.8697	58.51542

#1	.002630	.0007197	.0007055	-.006554	.0021565	-.000370	-.001392
#2	-.009460	.0028674	-.000896	-.004604	-.000571	.006254	-.000719
#3	.005512	-.003542	.002713	.000205	.000499	.002769	-.000427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.000035	.0084110	.0005020	-.000285	.0017021	.0032454
Stddev	.000073	.000148	.0028155	.0002971	.000482	.0020890	.0013178
%RSD	164.0831	428.9449	33.47408	59.17921	169.0860	122.7323	40.60437

#1	-.000044	-.000090	.0054791	.0004102	.000266	.0000907	.0046616
#2	.000028	.000133	.0086603	.0008343	-.000493	.0040624	.0020554
#3	-.000118	-.000147	.0110936	.0002617	-.000629	.0009533	.0030192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000212	.0115888	-.000560	.0003023	.0358187	.0024498	-.001609
Stddev	.000049	.0196170	.001092	.0002270	.1756797	.0018725	.001571
%RSD	23.08055	169.2761	195.1088	75.10493	490.4697	76.43620	97.61832

#1	-.000161	.0158827	.000669	.0002436	-.165621	.0012119	-.001516
#2	-.000216	-.009820	-.001419	.0001104	.157270	.0046039	-.000087
#3	-.000259	.028703	-.000930	.0005529	.115807	.0015334	-.003225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047699	-.002471	.0074515	.0005907	-.008462	-.002215	.0020764
Stddev	.039420	.003938	.0006139	.0009111	.003653	.001331	.0021436
%RSD	82.64258	159.3572	8.239197	154.2345	43.17107	60.10081	103.2337

#1	-.076011	-.000355	.0067714	-.000445	-.010885	-.000684	.0001121
#2	-.064410	-.000043	.0076182	.001269	-.010241	-.003101	.0017543
#3	-.002677	-.007015	.0079648	.000948	-.004260	-.002861	.0043628

Sample Name: ICB001 Acquired: 08/10/2021 10:46:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008279	.0041171	-.000019
Stddev	.0004662	.0007528	.000016
%RSD	56.30834	18.28526	82.33571

#1	.0004093	.0046334	-.000019
#2	.0007442	.0044645	-.000004
#3	.0013303	.0032533	-.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.006	30784.21	8405.560	913.2251	2047.779
Stddev	2.467	56.86	48.653	3.4747	3.745
%RSD	.1533970	.1847041	.5788240	.3804829	.1828644

#1	1605.214	30792.92	8459.770	915.3237	2051.905
#2	1608.912	30723.50	8365.683	909.2144	2046.834
#3	1609.891	30836.22	8391.227	915.1373	2044.597

Sample Name: ICSA001 Acquired: 08/10/2021 10:50:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002498	-.004798	-.002650	.0264658	.0040406	241.7510	.0042125
Stddev	.002766	.007689	.002589	.0044298	.0044146	.6931	.0008046
%RSD	110.7301	160.2455	97.68029	16.73782	109.2571	.2867132	19.10121

#1	-.002169	-.005337	-.001459	.0230464	.0043240	240.9525	.0039683
#2	-.005414	-.012203	-.000871	.0314700	.0083066	242.1971	.0035582
#3	.000089	.003146	-.005621	.0248811	-.000509	242.1033	.0051109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013393	-.001364	248.2896	.0610979	-.001329	.0086091	103.0127
Stddev	.0000907	.000274	.3559	.0011284	.000083	.0010853	.2418
%RSD	6.773871	20.10409	.1433390	1.846828	6.256054	12.60677	.2347142

#1	.0014079	-.001101	247.8854	.0614893	-.001338	.0081499	102.7661
#2	.0012364	-.001343	248.4277	.0598259	-.001241	.0078289	103.2494
#3	.0013735	-.001648	248.5558	.0619784	-.001407	.0098486	103.0227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103972	246.1323	-.000068	.0042742	.3310776	.0033242	.0100214
Stddev	.0003616	.6183	.001077	.0002274	.2517444	.0015424	.0009736
%RSD	3.478299	.2512006	1594.219	5.320346	76.03789	46.39873	9.714980

#1	.0102199	245.4241	.001018	.0042898	.5410056	.0022048	.0108055
#2	.0108133	246.4084	-.001135	.0040394	.4002484	.0050836	.0103270
#3	.0101584	246.5645	-.000086	.0044934	.0519788	.0026843	.0089317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.282178	-.007213	-.001125	.0001516	-.000592	-.000546	.0026834
Stddev	.049390	.004574	.002772	.0002433	.006207	.000578	.0026923
%RSD	17.50309	63.41687	246.3925	160.4447	1047.917	105.8275	100.3315

#1	-.265354	-.001969	-.003873	-.000128	-.002982	-.000983	.0057633
#2	-.243398	-.010379	.001670	.000270	-.005250	.000109	.0015098
#3	-.337782	-.009292	-.001172	.000313	.006455	-.000765	.0007771

Sample Name: ICSA001 Acquired: 08/10/2021 10:50:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000959	.0073439	.0062736
Stddev	.0005144	.0015509	.0003146
%RSD	536.3323	21.11868	5.014069

#1	-.000498	.0083401	.0064778
#2	.000415	.0055570	.0059114
#3	.000370	.0081347	.0064317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.943	29614.39	8291.299	856.4629	1853.552
Stddev	1.766	48.87	25.287	4.3254	3.057
%RSD	.1174331	.1650378	.3049829	.5050299	.1649296

#1	1502.909	29560.60	8263.675	855.2457	1850.740
#2	1502.937	29656.06	8313.305	852.8766	1853.109
#3	1505.982	29626.51	8296.916	861.2665	1856.806

Sample Name: ICSAB001 Acquired: 08/10/2021 10:54:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041311	.0958362	.0534362	.0753970	.6208985	238.4898	.5294044
Stddev	.0068741	.0007901	.0019974	.0041173	.0039004	1.0030	.0007395
%RSD	6.601370	.8244717	3.737831	5.460844	.6281818	.4205481	.1396776

#1	.1104357	.0964219	.0535282	.0747514	.6252760	237.3340	.5292129
#2	.1051553	.0961491	.0553860	.0716406	.6196266	239.1317	.5287795
#3	.0968024	.0949375	.0513945	.0797990	.6177928	239.0036	.5302208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5466114	1.049484	243.7557	.6006207	.5144952	.5367524	101.8401
Stddev	.0019709	.002929	.6355	.0007313	.0009876	.0045528	.5567
%RSD	.3605612	.2791246	.2606979	.1217624	.1919520	.8482076	.5466364

#1	.5467037	1.048579	243.1348	.6014650	.5140317	.5321842	101.2420
#2	.5445959	1.047113	243.7275	.6001831	.5138245	.5367834	102.3431
#3	.5485344	1.052759	244.4048	.6002140	.5156292	.5412896	101.9352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5151990	243.3329	1.038278	.2056540	.2932986	.5449114	.9845016
Stddev	.0034459	1.5239	.001793	.0014046	.0431395	.0027912	.0133402
%RSD	.6688440	.6262569	.1726462	.6829918	14.70840	.5122352	1.355023

#1	.5124716	241.6690	1.040191	.2041585	.3367433	.5429599	.9703174
#2	.5140536	244.6607	1.036637	.2058580	.2926819	.5436657	.9967964
#3	.5190717	243.6691	1.038006	.2069454	.2504708	.5481085	.9863911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.524663	.0036838	-.002362	.0006711	.0030869	.0017320	.0006729
Stddev	.042810	.0029044	.000792	.0004245	.0073835	.0012823	.0014156
%RSD	8.159579	78.84289	33.55127	63.24641	239.1855	74.03119	210.3598

#1	-.558647	.0018675	-.003202	.0003378	.0065161	.0024303	.0001719
#2	-.476582	.0070336	-.001628	.0005266	-.005388	.0025136	-.000424
#3	-.538761	.0021504	-.002255	.0011490	.008132	.0002522	.002271

Sample Name: ICSAB001 Acquired: 08/10/2021 10:54:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001410	.0052855	.0057287
Stddev	.001117	.0017002	.0002406
%RSD	79.22332	32.16718	4.200823

#1	-.001962	.0035955	.0058209
#2	-.000124	.0069958	.0054556
#3	-.002143	.0052653	.0059096

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.507	29604.76	8282.914	855.2509	1854.775
Stddev	.315	61.73	28.817	3.7031	2.413
%RSD	.0209764	.2085215	.3479071	.4329831	.1300898

#1	1500.623	29608.85	8310.502	858.0224	1854.400
#2	1500.151	29541.08	8285.231	851.0452	1857.353
#3	1500.747	29664.35	8253.008	856.6851	1852.571

Sample Name: CCV051 Acquired: 08/10/2021 10:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.901951	4.806628	24.67966	4.962222	4.963450	403.7350	9.911173
Stddev	.018469	.005521	.02070	.008613	.011202	4.6056	.020555
%RSD	.3767775	.1148657	.0838658	.1735808	.2256844	1.140752	.2073968

#1	4.912183	4.810799	24.69877	4.958539	4.968962	398.7380	9.928781
#2	4.880630	4.800367	24.65767	4.956063	4.950560	404.6574	9.888585
#3	4.913040	4.808717	24.68253	4.972065	4.970827	407.8096	9.916153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5130208	2.492369	395.3221	15.18864	2.484395	15.09622	415.0844
Stddev	.0045387	.002365	.8506	.01790	.001407	.04710	1.4011
%RSD	.8846917	.0949082	.2151597	.1178603	.0566474	.3119795	.3375384

#1	.5159169	2.490188	396.2962	15.16800	2.484707	15.14310	415.1403
#2	.5153554	2.494884	394.9435	15.19796	2.482858	15.09665	416.4566
#3	.5077900	2.492035	394.7265	15.19996	2.485620	15.04890	413.6562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59960	407.8093	2.462142	1.254138	403.2247	2.564512	15.10562
Stddev	.02967	.9631	.003619	.003314	.8430	.006571	.02945
%RSD	.2032525	.2361664	.1470016	.2642315	.2090709	.2562180	.1949826

#1	14.63387	408.2082	2.462431	1.251365	403.4178	2.566102	15.07179
#2	14.58266	408.5088	2.465608	1.253242	403.9545	2.570143	15.12556
#3	14.58228	406.7108	2.458386	1.257808	402.3019	2.557293	15.11951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.8318	5.062601	5.094291	4.932273	5.086352	5.048422	4.989258
Stddev	.2917	.013009	.043335	.003640	.013254	.039647	.012288
%RSD	.1896325	.2569584	.8506617	.0737972	.2605792	.7853295	.2462863

#1	154.0543	5.048692	5.116657	4.928217	5.081454	5.059972	4.976168
#2	153.5015	5.064641	5.121874	4.933348	5.076245	5.081012	4.991062
#3	153.9394	5.074469	5.044343	4.935255	5.101358	5.004283	5.000544

Sample Name: CCV051 Acquired: 08/10/2021 10:58:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.104972	5.147406	4.862178
Stddev	.010751	.005054	.082068
%RSD	.2106036	.0981871	1.687880

#1	5.115608	5.153162	4.904560
#2	5.105199	5.145360	4.914390
#3	5.094109	5.143695	4.767585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.799	28660.51	8084.040	779.5148	1676.284
Stddev	3.238	36.76	38.272	.2375	2.903
%RSD	.2346870	.1282503	.4734317	.0304618	.1731542

#1	1377.773	28662.03	8060.345	779.4252	1673.481
#2	1383.534	28696.49	8063.582	779.7840	1679.277
#3	1378.090	28623.02	8128.194	779.3352	1676.094

Sample Name: CCB051 Acquired: 08/10/2021 11:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018425	.0004017	.0026915	-.004431	.0021764	.0133420
Stddev	.0057895	.0060514	.0009043	.000946	.0020462	.0042557
%RSD	314.2260	1506.497	33.59640	21.35125	94.01745	31.89688

#1	.0085001	-.004244	.0037226	-.004772	.0003144	.0095900
#2	-.002012	-.001796	.0023185	-.005160	.0018479	.0124698
#3	-.000961	.007245	.0020335	-.003362	.0043670	.0179662

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001422	.0000793	.0000847	.0132168	.0004806	.0002807
Stddev	.000244	.0000718	.0000407	.0086009	.0003195	.0002805
%RSD	17.17254	90.51698	48.02871	65.07510	66.46452	99.90502

#1	-.001643	-.000004	.0000621	.0164857	.0004949	-.000042
#2	-.001465	.000119	.0001317	.0197040	.0007927	.000468
#3	-.001160	.000122	.0000604	.0034608	.0001543	.000416

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030390	.0121688	-.000092	.0274941	-.000065	.0001008
Stddev	.0007793	.0039557	.000196	.0344841	.000394	.0002704
%RSD	25.64330	32.50697	213.7664	125.4238	607.8355	268.1555

#1	.0021442	.0153481	-.000233	.0302169	-.000298	.0004100
#2	.0034037	.0077390	-.000173	.0605360	-.000287	-.000092
#3	.0035691	.0134194	.000132	-.008271	.000390	-.000016

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074454	.0022407	.0000813	-.083738	-.002042	F .0153933
Stddev	.1386293	.0031739	.0005188	.051357	.004437	.0008744
%RSD	1861.955	141.6482	638.1885	61.33033	217.2713	5.680623

#1	.1567906	-.000968	.0006392	-.121815	-.005254	.0155182
#2	-.117128	.005379	-.000009	-.104071	-.003893	.0144631
#3	-.017327	.002311	-.000387	-.025328	.003020	.0161985

Sample Name: CCB051 Acquired: 08/10/2021 11:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012671	-.004344	-.002981	.0025179	-.000229	.0050657
Stddev	.0003005	.005584	.001716	.0011652	.000093	.0005373
%RSD	23.71563	128.5498	57.57985	46.27741	40.57903	10.60603

#1	.0015534	-.009727	-.004960	.0037501	-.000158	.0046531
#2	.0009541	.001422	-.001918	.0023697	-.000334	.0056732
#3	.0012937	-.004728	-.002063	.0014339	-.000195	.0048708

Elem	Sr4077
Units	ppm
Avg	.0000357
Stddev	.0000443
%RSD	124.2552

#1	-.000013
#2	.000047
#3	.000073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.829	30841.70	8330.058	911.0297	2044.833
Stddev	2.616	53.66	52.007	5.6262	4.302
%RSD	.1641605	.1739736	.6243235	.6175627	.2103946

#1	1591.199	30787.79	8278.386	905.6154	2040.157
#2	1593.858	30842.21	8329.396	910.6274	2048.624
#3	1596.431	30895.10	8382.392	916.8462	2045.718

Sample Name: M3243-02DLX2 Acquired: 08/10/2021 11:06:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCE02 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288536	-.037107	.1713354	.1352249	.0081215	351.8178
Stddev	.0077145	.003756	.0043172	.0071756	.0019054	2.8737
%RSD	26.73687	10.12069	2.519723	5.306407	23.46167	.8168175

#1	.0372299	-.039154	.1753836	.1433778	.0089459	351.2861
#2	.0272908	-.039396	.1718304	.1324276	.0059426	349.2470
#3	.0220400	-.032773	.1667920	.1298692	.0094759	354.9202

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7377211	.0115043	-.006374	31.17310	.7333229	.1973281
Stddev	.0019724	.0001290	.000403	.05308	.0012397	.0004984
%RSD	.2673603	1.121757	6.329394	.1702828	.1690535	.2525593

#1	.7371947	.0113584	-.005908	31.13661	.7330819	.1969228
#2	.7399032	.0116038	-.006602	31.14870	.7322214	.1978845
#3	.7360653	.0115506	-.006611	31.23400	.7346654	.1971771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6845105	641.3727	6.737506	94.61421	.4592423	.0299274
Stddev	.0011867	6.1479	.010881	1.09335	.0006833	.0002598
%RSD	.1733574	.9585510	.1615000	1.155591	.1487781	.8679289

#1	.6831966	643.2550	6.728198	94.87823	.4584537	.0296475
#2	.6848306	634.5037	6.749469	93.41302	.4596560	.0301606
#3	.6855043	646.3593	6.734852	95.55138	.4596172	.0299741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.385346	1.522328	.9015707	4.825019	F 10.20627	.0596154
Stddev	.122037	.012561	.0047646	.042160	.02393	.0141384
%RSD	2.782843	.8251045	.5284835	.8737873	.2344181	23.71595

#1	4.322347	1.525211	.9063824	4.872950	10.18780	.0586053
#2	4.526008	1.508576	.8968545	4.808431	10.23330	.0460092
#3	4.307683	1.533197	.9014751	4.793675	10.19771	.0742318

Sample Name: M3243-02DLX2 Acquired: 08/10/2021 11:06:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCE02 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027181	7.360909	15.30289	.0032259	8.733924	.4143464
Stddev	.0004274	.018576	.11431	.0017972	.055423	.0018473
%RSD	15.72281	.2523597	.7469731	55.71270	.6345681	.4458363

#1	.0025240	7.367574	15.41060	.0016612	8.759728	.4158950
#2	.0024222	7.375232	15.18297	.0051888	8.670304	.4123017
#3	.0032081	7.339920	15.31508	.0028275	8.771739	.4148424

Elem	Sr4077
Units	ppm
Avg	-.468068
Stddev	.005852
%RSD	1.250151

#1	-.469915
#2	-.461516
#3	-.472774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.234	33147.13	9420.124	961.1017	1937.815
Stddev	1.554	56.06	74.101	1.9861	4.102
%RSD	.0915373	.1691297	.7866218	.2066474	.2116869

#1	1695.553	33207.25	9391.460	958.8226	1934.345
#2	1697.534	33096.29	9504.275	962.4618	1936.759
#3	1698.616	33137.85	9364.637	962.0208	1942.342

Sample Name: M3243-03DLX2 Acquired: 08/10/2021 11:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCE03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327203	-.031331	.2136180	.1191462	.0089598	298.2453
Stddev	.0098447	.002945	.0034773	.0090238	.0033374	2.0725
%RSD	30.08734	9.398175	1.627821	7.573767	37.24843	.6949131

#1	.0223120	-.029365	.2133637	.1251970	.0069122	300.2850
#2	.0418827	-.034717	.2102748	.1234671	.0128108	296.1414
#3	.0339663	-.029912	.2172155	.1087743	.0071562	298.3094

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6911967	.0100820	-.005763	32.38747	.6424648	.1639164
Stddev	.0015462	.0001628	.000209	.05216	.0019522	.0012512
%RSD	.2237002	1.615158	3.624942	.1610443	.3038550	.7633315

#1	.6895619	.0099926	-.005908	32.33188	.6429978	.1626741
#2	.6913926	.0102700	-.005858	32.43533	.6403015	.1638987
#3	.6926356	.0099835	-.005524	32.39520	.6440951	.1651764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5766067	579.8728	5.760038	89.39644	.3720188	.0280286
Stddev	.0018254	1.9729	.009854	.33848	.0022200	.0005524
%RSD	.3165788	.3402212	.1710734	.3786294	.5967527	1.970920

#1	.5762652	580.2773	5.748759	89.24559	.3701337	.0278435
#2	.5749762	581.6121	5.766979	89.78412	.3744658	.0275925
#3	.5785788	577.7291	5.764375	89.15961	.3714570	.0286498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.326193	1.370596	.8568000	4.890858	F 10.07772	.0558528
Stddev	.044664	.001697	.0071687	.020600	.03139	.0095833
%RSD	1.032415	.1238009	.8366838	.4211988	.3114812	17.15818

#1	4.290276	1.370798	.8577352	4.876579	10.04157	.0513054
#2	4.312098	1.372183	.8492096	4.914473	10.09347	.0668633
#3	4.376204	1.368807	.8634553	4.881522	10.09812	.0493898

Sample Name: M3243-03DLX2 Acquired: 08/10/2021 11:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCE03 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027263	7.425469	15.13854	.0066755	8.064895	.3592337
Stddev	.0001993	.020256	.08446	.0052930	.024545	.0015369
%RSD	7.311074	.2727962	.5578858	79.29021	.3043412	.4278394

#1	.0027819	7.403175	15.23591	.0048253	8.050533	.3590870
#2	.0025050	7.430484	15.09451	.0126452	8.093236	.3608388
#3	.0028919	7.442746	15.08519	.0025559	8.050916	.3577754

Elem	Sr4077
Units	ppm
Avg	-.404771
Stddev	.001829
%RSD	.4519575

#1	-.405547
#2	-.406085
#3	-.402682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1681.779	32994.66	9257.709	957.7404	1950.734
Stddev	2.351	38.31	46.684	2.6204	3.977
%RSD	.1397646	.1161147	.5042665	.2736038	.2038703

#1	1680.068	32966.84	9206.022	960.3326	1955.262
#2	1684.459	33038.36	9270.295	957.7958	1947.808
#3	1680.811	32978.79	9296.808	955.0927	1949.131

Sample Name: M3243-04DLX2 Acquired: 08/10/2021 11:14:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JCE04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203883	-.023528	.1184154	.1325178	.0082848	337.4122	.5807921
Stddev	.0052733	.004985	.0034348	.0029412	.0006831	1.9702	.0006334
%RSD	25.86409	21.18817	2.900670	2.219478	8.245845	.5839041	.1090590

#1	.0198403	-.020937	.1223564	.1357769	.0084414	335.4146	.5802220
#2	.0154105	-.029275	.1168316	.1300609	.0075369	339.3538	.5814739
#3	.0259143	-.020373	.1160581	.1317158	.0088760	337.4683	.5806802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109067	-.006985	21.10368	.6920477	.1651808	.5489668	621.3191
Stddev	.0002498	.000134	.06154	.0015939	.0003001	.0021661	3.0786
%RSD	2.290679	1.924333	.2916266	.2303091	.1816686	.3945814	.4954955

#1	.0106522	-.006922	21.06305	.6902302	.1651632	.5466802	618.8995
#2	.0109161	-.006895	21.17449	.6932070	.1648899	.5492324	620.2735
#3	.0111516	-.007140	21.07350	.6927060	.1654893	.5509880	624.7843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.235799	85.88796	.3858710	.0301765	3.732716	1.449099	.7803584
Stddev	.010851	.65517	.0003623	.0001869	.233913	.009452	.0080462
%RSD	.2072468	.7628149	.0939019	.6192141	6.266563	.6522698	1.031088

#1	5.226832	85.21937	.3861333	.0302997	3.488330	1.443880	.7714984
#2	5.232703	85.91570	.3854575	.0302683	3.954518	1.443407	.7872106
#3	5.247861	86.52882	.3860221	.0299615	3.755300	1.460010	.7823661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.294142	8.629765	.0706457	.0015872	6.670908	17.63036	.0024237
Stddev	.070082	.004000	.0080776	.0005052	.007628	.04023	.0015654
%RSD	1.632036	.0463478	11.43397	31.83038	.1143417	.2281874	64.58628

#1	4.350878	8.625917	.0719613	.0014499	6.676232	17.58400	.0041970
#2	4.215801	8.633901	.0619910	.0011649	6.674321	17.65614	.0018400
#3	4.315747	8.629479	.0779847	.0021469	6.662170	17.65094	.0012340

Sample Name: M3243-04DLX2 Acquired: 08/10/2021 11:14:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JCE04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.932006	.3920898	-.481883
Stddev	.025214	.0025165	.003021
%RSD	.3178783	.6418217	.6269237

#1	7.907954	.3892854	-.479733
#2	7.929824	.3928330	-.480580
#3	7.958240	.3941511	-.485337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1663.829	32532.88	9164.147	948.7189	1943.160
Stddev	.829	87.28	11.471	2.7963	1.483
%RSD	.0498076	.2682884	.1251674	.2947419	.0763118

#1	1662.900	32435.67	9157.844	947.4266	1941.530
#2	1664.095	32604.53	9157.209	946.8025	1944.430
#3	1664.491	32558.43	9177.387	951.9276	1943.519

Sample Name: PB138036BL Acquired: 08/10/2021 11:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006772	.0015847	-.000932	-.006721	-.000322	.0155726	-.002270
Stddev	.0026310	.0011627	.002666	.004175	.002190	.0034251	.001043
%RSD	388.5082	73.37309	286.0049	62.12054	680.3524	21.99460	45.96815

#1	.0036434	.0004755	.001090	-.002113	.001098	.0132880	-.003008
#2	-.000237	.0014841	.000067	-.007797	.000780	.0139190	-.001076
#3	-.001375	.0027944	-.003953	-.010254	-.002844	.0195108	-.002725

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	.0001669	.0079673	.0001012	.0001838	.0003549	.0275505
Stddev	.0000349	.0001208	.0034125	.0001583	.0000445	.0003046	.0191350
%RSD	54.50897	72.38340	42.83156	156.3912	24.19608	85.81215	69.45422

#1	.0000882	.0002327	.0114004	.0000952	.0001430	.0000484	.0468992
#2	.0000798	.0000275	.0079258	-.000054	.0002312	.0003589	.0271159
#3	.0000240	.0002404	.0045758	.000262	.0001772	.0006574	.0086366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000190	.0203291	.0000109	-.000201	.0174043	.0006739	-.002155
Stddev	.000144	.0250923	.0003134	.000207	.1203458	.0019642	.001340
%RSD	75.79536	123.4306	2870.213	102.7386	691.4723	291.4596	62.20885

#1	-.000170	-.007679	.0003332	-.000375	-.119660	.0022204	-.002190
#2	-.000057	.040757	-.000293	.000027	.066109	.0013374	-.003477
#3	-.000343	.027910	-.000008	-.000256	.105764	-.001536	-.000797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.204375	-.000230	.0022620	.0003701	-.001612	.0075320	-.001041
Stddev	.056873	.003230	.0002716	.0003967	.002653	.0016175	.003519
%RSD	27.82780	1402.688	12.00774	107.2114	164.5552	21.47439	337.9753

#1	-.268084	-.002934	.0024327	.0005611	-.002961	.0090438	.001766
#2	-.186320	-.001103	.0019488	-.000086	.001444	.0058264	.000100
#3	-.158721	.003346	.0024044	.000635	-.003320	.0077258	-.004990

Sample Name: PB138036BL Acquired: 08/10/2021 11:19:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008280	-.001636	-.000099
Stddev	.0002445	.000870	.000033
%RSD	29.53336	53.20268	33.42165

#1	.0006004	-.001297	-.000134
#2	.0010866	-.000985	-.000094
#3	.0007971	-.002624	-.000069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.794	30669.03	8385.050	900.9224	2038.103
Stddev	2.383	169.55	46.702	1.8393	3.641
%RSD	.1497773	.5528476	.5569675	.2041520	.1786513

#1	1588.559	30478.39	8344.721	899.0802	2034.038
#2	1593.301	30725.74	8436.219	900.9284	2039.203
#3	1590.523	30802.97	8374.210	902.7587	2041.066

Sample Name: M3189-01 Acquired: 08/10/2021 11:27:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300052	-.012930	5.994503	.0548798	.0109587	84.64924
Stddev	.0072301	.001217	.008666	.0053396	.0048964	.06873
%RSD	5.561419	9.415609	.1445689	9.729665	44.68079	.0811904

#1	.1383365	-.014119	5.989300	.0509921	.0087381	84.71394
#2	.1253742	-.012986	6.004508	.0526792	.0075660	84.65667
#3	.1263048	-.011686	5.989703	.0609680	.0165719	84.57710

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.73574	.0107188	.0213937	147.5942	.3082376	.1232384
Stddev	.20045	.0000999	.0001731	.3327	.0011579	.0001723
%RSD	.7227108	.9315799	.8090463	.2254377	.3756605	.1398534

#1	27.57510	.0107689	.0214629	147.2115	.3094149	.1233796
#2	27.67175	.0107837	.0211967	147.7557	.3081979	.1230463
#3	27.96037	.0106038	.0215214	147.8154	.3071001	.1232891

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3778795	294.4387	7.269476	38.49384	.1988929	.0131487
Stddev	.0022260	1.1551	.011996	.13359	.0006624	.0001391
%RSD	.5890744	.3922897	.1650247	.3470375	.3330652	1.058055

#1	.3787364	295.7719	7.257092	38.63537	.1992636	.0132672
#2	.3753524	293.7414	7.281043	38.47620	.1992871	.0131834
#3	.3795496	293.8026	7.270294	38.36994	.1981281	.0129955

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.436369	.4328705	6.132270	9.205363	5.637446	.0480546
Stddev	.039833	.0013878	.049745	.000829	.022632	.0039503
%RSD	2.773146	.3205929	.8111923	.0090082	.4014596	8.220444

#1	1.414209	.4324752	6.151298	9.204795	5.627714	.0520087
#2	1.482354	.4317233	6.075821	9.204979	5.663317	.0441081
#3	1.412545	.4344131	6.169692	9.206315	5.621309	.0480469

Sample Name: M3189-01 Acquired: 08/10/2021 11:27:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130066	10.10016	8.226120	.0257626	1.537571	.0693307
Stddev	.0005364	.00827	.020924	.0027174	.002034	.0007715
%RSD	4.124329	.0818878	.2543591	10.54770	.1322858	1.112839

#1	.0135062	10.09863	8.233444	.0277116	1.538795	.0698483
#2	.0130738	10.09276	8.242396	.0226585	1.538695	.0696999
#3	.0124397	10.10909	8.202518	.0269178	1.535223	.0684439

Elem	Sr4077
Units	ppm
Avg	.2145135
Stddev	.0013863
%RSD	.6462478

#1	.2129347
#2	.2150743
#3	.2155316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.982	33372.43	9175.447	968.6197	1988.215
Stddev	4.333	24.60	46.226	.6963	5.082
%RSD	.2593120	.0737081	.5038038	.0718827	.2555980

#1	1675.310	33385.05	9166.176	969.3602	1993.984
#2	1666.644	33344.08	9134.559	967.9783	1984.404
#3	1670.992	33388.15	9225.606	968.5205	1986.256

Sample Name: M3189-02 Acquired: 08/10/2021 11:31:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1398598	-.009724	6.009578	.0530434	.0127595	84.43793
Stddev	.0046401	.002055	.021535	.0044267	.0020611	.08616
%RSD	3.317690	21.13227	.3583428	8.345409	16.15386	.1020375

#1	.1382330	-.011585	6.026101	.0518200	.0131336	84.44941
#2	.1362521	-.010068	6.017409	.0493571	.0105369	84.34661
#3	.1450942	-.007519	5.985223	.0579532	.0146080	84.51777

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.07882	.0104462	.0212519	147.2339	.3081254	.1234677
Stddev	.13391	.0001154	.0002767	.4064	.0007148	.0006507
%RSD	.4768954	1.104362	1.301855	.2760402	.2319661	.5270619

#1	28.20138	.0104928	.0209458	147.6641	.3089287	.1238243
#2	27.93590	.0103148	.0214841	146.8565	.3075597	.1238623
#3	28.09917	.0105309	.0213258	147.1811	.3078880	.1227166

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3795683	293.8005	7.259587	38.49281	.1993997	.0130613
Stddev	.0020171	1.0597	.023108	.10701	.0010680	.0005355
%RSD	.5314088	.3606926	.3183169	.2779956	.5355945	4.099965

#1	.3789429	292.6491	7.286269	38.41845	.1991064	.0130610
#2	.3779379	294.0173	7.245998	38.44454	.2005837	.0125259
#3	.3818239	294.7350	7.246494	38.61545	.1985091	.0135969

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.340518	.4311497	6.176150	9.131130	5.608383	.0513857
Stddev	.044559	.0058558	.011181	.041147	.021255	.0053765
%RSD	3.324031	1.358179	.1810409	.4506271	.3789781	10.46311

#1	1.388197	.4283236	6.181065	9.161670	5.614411	.0472943
#2	1.333426	.4272430	6.184032	9.147381	5.625972	.0574753
#3	1.299929	.4378825	6.163353	9.084339	5.584765	.0493876

Sample Name: M3189-02 Acquired: 08/10/2021 11:31:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127143	10.11426	8.133963	.0286794	1.533843	.0687746
Stddev	.0001644	.04314	.049844	.0042225	.001116	.0010514
%RSD	1.293014	.4264801	.6127886	14.72300	.0727644	1.528734
#1	.0127099	10.10051	8.127966	.0334184	1.532613	.0675654
#2	.0128809	10.16259	8.087389	.0273028	1.534790	.0694730
#3	.0125522	10.07967	8.186535	.0253171	1.534126	.0692855

Elem	Sr4077
Units	ppm
Avg	.2144258
Stddev	.0019917
%RSD	.9288306
#1	.2166978
#2	.2129813
#3	.2135982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.956	32982.26	9177.083	957.5585	1977.013
Stddev	5.760	90.23	10.221	4.8228	1.748
%RSD	.3459747	.2735777	.1113728	.5036519	.0884085
#1	1668.616	32975.50	9177.411	954.4668	1978.677
#2	1667.937	32895.59	9187.135	955.0931	1975.192
#3	1658.316	33075.68	9166.702	963.1156	1977.170

Sample Name: M3189-01LX5 Acquired: 08/10/2021 11:39:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318286	-.000526	1.143518	.0103912	.0015087	16.70225	5.667885
Stddev	.0053305	.005916	.007670	.0025569	.0027109	.04029	.020940
%RSD	16.74749	1125.626	.6707462	24.60652	179.6924	.2412158	.3694470

#1	.0317009	.006172	1.142881	.0133369	.0014833	16.66194	5.664455
#2	.0265631	-.005040	1.136186	.0087457	.0042321	16.74251	5.690328
#3	.0372218	-.002709	1.151486	.0090910	-.001190	16.70230	5.648872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021274	.0042194	29.38114	.0632788	.0225611	.0783853	59.91972
Stddev	.0000432	.0000937	.14516	.0005022	.0004548	.0010983	.17703
%RSD	2.029550	2.220184	.4940674	.7937124	2.015724	1.401191	.2954472

#1	.0021738	.0042345	29.26889	.0632888	.0226715	.0795850	59.75423
#2	.0021201	.0043047	29.54507	.0637760	.0220613	.0781416	59.89853
#3	.0020884	.0041192	29.32945	.0627717	.0229505	.0774293	60.10639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.481484	7.753536	.0376320	.0029657	.0996085	.0860242	1.235525
Stddev	.004018	.048356	.0008867	.0000730	.0502540	.0011106	.013255
%RSD	.2712403	.6236665	2.356214	2.461598	50.45151	1.291083	1.072860

#1	1.479240	7.712594	.0386442	.0029908	.0416178	.0851108	1.223734
#2	1.486124	7.741127	.0372593	.0030229	.1267955	.0872606	1.232968
#3	1.479089	7.806888	.0369925	.0028835	.1304121	.0857014	1.249872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.578681	1.042726	.0170674	.0023322	1.825414	1.644371	.0049641
Stddev	.012836	.003651	.0005300	.0006654	.011944	.005472	.0017716
%RSD	.8131109	.3501514	3.105215	28.53005	.6543358	.3327600	35.68768

#1	1.593474	1.038777	.0172845	.0023810	1.817615	1.648536	.0033016
#2	1.572085	1.043421	.0174544	.0016438	1.839165	1.646402	.0068277
#3	1.570483	1.045979	.0164634	.0029718	1.819462	1.638173	.0047631

Sample Name: M3189-01LX5 Acquired: 08/10/2021 11:39:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3106131	.0112855	.0434286
Stddev	.0012093	.0022153	.0002676
%RSD	.3893253	19.62912	.6161963

#1	.3092412	.0119677	.0436381
#2	.3110739	.0088094	.0435206
#3	.3115243	.0130795	.0431271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1604.122	31146.67	8552.222	912.7156	2037.787
Stddev	3.078	78.59	15.707	4.0260	6.005
%RSD	.1918880	.2523166	.1836653	.4411039	.2947029

#1	1601.650	31118.54	8535.548	917.3413	2035.325
#2	1607.570	31086.02	8554.376	910.8039	2044.633
#3	1603.145	31235.45	8566.741	910.0015	2033.405

Sample Name: M3189-04 Acquired: 08/10/2021 11:43:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1301318	.0017925	24.85866	.0303382	.0069312	8.999077
Stddev	.0066032	.0058701	.04675	.0065002	.0099735	.020657
%RSD	5.074238	327.4874	.1880516	21.42567	143.8918	.2295427

#1	.1254046	.0085657	24.81770	.0245919	-.004584	9.022644
#2	.1273145	-.001819	24.84869	.0373931	.012547	8.990482
#3	.1376764	-.001370	24.90959	.0290296	.012831	8.984106

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.179069	.0029043	.1026806	F 1923.714	.0396206	.0454903
Stddev	.013187	.0001362	.0003243	23.099	.0003516	.0005325
%RSD	.6051624	4.689610	.3158716	1.200764	.8875114	1.170636

#1	2.189898	.0029131	.1030452	1950.384	.0392943	.0457781
#2	2.164384	.0027638	.1024241	1910.739	.0395745	.0458170
#3	2.182926	.0030358	.1025726	1910.020	.0399930	.0448758

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2687663	165.2383	2.087224	F 1139.340	.1584288	.0094475
Stddev	.0006103	.9102	.009229	6.157	.0018476	.0005270
%RSD	.2270684	.5508378	.4421750	.5404359	1.166214	5.578039

#1	.2682582	165.9793	2.087198	1144.549	.1595534	.0096918
#2	.2685974	164.2223	2.096465	1132.545	.1594366	.0098081
#3	.2694432	165.5134	2.078007	1140.926	.1562964	.0088427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.657947	.1218457	F 38.67764	.0612219	1.093916	.0016536
Stddev	.169995	.0012841	.28943	.0745136	.007478	.0020515
%RSD	6.395734	1.053844	.7483156	121.7107	.6836074	124.0658

#1	2.619438	.1232385	38.73556	.1469575	1.098078	.0008416
#2	2.843893	.1215893	38.93373	.0246259	1.098386	.0039868
#3	2.510509	.1207091	38.36363	.0120824	1.085282	.0001323

Sample Name: M3189-04 Acquired: 08/10/2021 11:43:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069146	F 182.5293	3.212148	.0719633	.1480620	.0465536
Stddev	.0004479	.0362	.024778	.0032265	.0014834	.0018277
%RSD	6.477267	.0198474	.7713952	4.483497	1.001873	3.926084

#1	.0064125	182.4877	3.222679	.0713243	.1497542	.0481468
#2	.0072727	182.5468	3.183844	.0691041	.1474456	.0445583
#3	.0070587	182.5535	3.229922	.0754614	.1469861	.0469557

Elem	Sr4077
Units	ppm
Avg	.7915488
Stddev	.0010157
%RSD	.1283191

#1	.7913938
#2	.7926331
#3	.7906195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.283	27874.88	7887.281	776.8277	1557.379
Stddev	1.378	15.66	30.370	5.4209	2.779
%RSD	.1027270	.0561875	.3850485	.6978201	.1784386

#1	1342.811	27857.99	7855.215	776.3606	1559.446
#2	1340.135	27877.75	7915.609	771.6555	1558.471
#3	1340.905	27888.91	7891.019	782.4670	1554.220

Sample Name: M3189-05 Acquired: 08/10/2021 11:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998203	-.005019	4.737095	.0468090	.0088016	81.86282
Stddev	.0090968	.005115	.002258	.0025054	.0022629	.15249
%RSD	9.113169	101.9234	.0476761	5.352454	25.71021	.1862751

#1	.1102245	-.008470	4.736925	.0444630	.0076876	81.71077
#2	.0958700	-.007444	4.739433	.0494481	.0073116	81.86194
#3	.0933664	.000858	4.734926	.0465160	.0114056	82.01575

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.32663	.0106541	.0129171	359.4288	.2348254	.2043606
Stddev	.10591	.0000688	.0001179	1.1628	.0008364	.0009044
%RSD	.5210263	.6455878	.9128800	.3235197	.3561696	.4425697

#1	20.23050	.0106278	.0130495	360.4957	.2350185	.2037078
#2	20.30924	.0106024	.0128232	358.1893	.2355483	.2039809
#3	20.44016	.0107322	.0128787	359.6012	.2339093	.2053929

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5052793	281.9849	6.027926	143.7633	.1729026	.0137905
Stddev	.0026853	1.0557	.026161	.4899	.0022798	.0002160
%RSD	.5314501	.3743947	.4339888	.3407425	1.318548	1.566212

#1	.5035131	280.7881	6.056819	143.1991	.1743684	.0136608
#2	.5039553	282.3826	6.005846	144.0110	.1702760	.0140398
#3	.5083695	282.7841	6.021113	144.0799	.1740635	.0136708

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.551608	.3416681	7.412809	9.204698	6.214409	.0033176
Stddev	.128248	.0049263	.016253	.075969	.021782	.0027408
%RSD	8.265516	1.441831	.2192609	.8253309	.3505097	82.61583

#1	1.509508	.3415289	7.408402	9.291047	6.197480	.0032411
#2	1.695615	.3368129	7.430811	9.174908	6.206763	.0060958
#3	1.449702	.3466625	7.399213	9.148138	6.238983	.0006157

Sample Name: M3189-05 Acquired: 08/10/2021 11:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091431	10.98809	10.25424	.0519477	1.317501	.0501481
Stddev	.0004785	.05341	.04208	.0013683	.002293	.0008623
%RSD	5.233711	.4861137	.4103621	2.634064	.1740288	1.719587

#1	.0096853	10.95958	10.24087	.0523045	1.314949	.0493616
#2	.0089643	10.95498	10.22047	.0531023	1.318168	.0500125
#3	.0087797	11.04971	10.30138	.0504363	1.319387	.0510702

Elem	Sr4077
Units	ppm
Avg	.1384416
Stddev	.0008954
%RSD	.6467454

#1	.1394573
#2	.1377667
#3	.1381009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.934	32643.91	9061.688	936.1189	1884.416
Stddev	1.719	75.81	21.966	7.3708	6.203
%RSD	.1056714	.2322432	.2424089	.7873807	.3291812

#1	1628.269	32556.54	9038.970	927.9512	1889.070
#2	1624.994	32692.37	9082.816	938.1299	1886.806
#3	1627.539	32682.83	9063.279	942.2755	1877.374

Sample Name: M3189-06 Acquired: 08/10/2021 11:52:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0696167	-.003953	2.940628	.0270801	.0116277	48.96457
Stddev	.0044688	.002034	.004061	.0020270	.0003396	.11385
%RSD	6.419127	51.44306	.1380890	7.485149	2.920589	.2325242

#1	.0703084	-.004498	2.943915	.0254542	.0118621	48.83598
#2	.0736993	-.001702	2.941880	.0264350	.0117827	49.00521
#3	.0648424	-.005658	2.936088	.0293511	.0112382	49.05254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.01066	.0068561	.0042119	29.00397	.1200215	.0953712
Stddev	.07113	.0002187	.0000554	.02795	.0015844	.0006293
%RSD	.2962505	3.189362	1.314410	.0963520	1.320087	.6598630

#1	24.02731	.0066951	.0041482	28.97176	.1186486	.0958026
#2	23.93267	.0067681	.0042395	29.01829	.1217552	.0956619
#3	24.07198	.0071050	.0042481	29.02185	.1196608	.0946491

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2301254	164.5407	9.470041	12.22348	.1182772	.0065992
Stddev	.0030333	.5999	.018662	.06087	.0010463	.0004285
%RSD	1.318114	.3646020	.1970656	.4979661	.8846362	6.492912

#1	.2305224	163.8982	9.485091	12.18119	.1194480	.0064572
#2	.2269132	164.6374	9.475872	12.19601	.1174333	.0062597
#3	.2329407	165.0863	9.449159	12.29324	.1179505	.0070806

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8359496	.2391773	2.226168	5.482661	4.918927	.0252602
Stddev	.0725175	.0023069	.014993	.026206	.019068	.0012999
%RSD	8.674870	.9645367	.6734752	.4779861	.3876358	5.145880

#1	.9185704	.2416490	2.233731	5.480520	4.926741	.0254314
#2	.8064348	.2370812	2.208900	5.457591	4.932847	.0264660
#3	.7828434	.2388017	2.235873	5.509872	4.897194	.0238832

Sample Name: M3189-06 Acquired: 08/10/2021 11:52:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076207	8.919597	8.896246	.0249011	1.437842	.0299759
Stddev	.0004214	.014798	.039253	.0046101	.005308	.0014662
%RSD	5.529025	.1659013	.4412352	18.51345	.3691691	4.891288

#1	.0078658	8.909649	8.858953	.0299378	1.434386	.0308011
#2	.0071342	8.936602	8.937203	.0208907	1.435186	.0282830
#3	.0078621	8.912539	8.892583	.0238748	1.443954	.0308435

Elem	Sr4077
Units	ppm
Avg	.1312443
Stddev	.0007900
%RSD	.6019566

#1	.1317247
#2	.1316757
#3	.1303325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.582	33447.38	9168.048	986.2440	2062.060
Stddev	3.567	60.08	8.471	3.2922	3.429
%RSD	.2093951	.1796403	.0924007	.3338090	.1662974

#1	1699.476	33433.51	9177.416	982.4662	2058.112
#2	1705.353	33513.18	9165.804	987.7665	2064.302
#3	1705.918	33395.44	9160.925	988.4994	2063.765

Sample Name: M3189-07 Acquired: 08/10/2021 11:56:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688964	-.001612	3.796195	.0372684	.0682518	83.11113	17.35487
Stddev	.0053091	.003527	.011846	.0085627	.0014052	.23528	.20792
%RSD	7.705925	218.8569	.3120400	22.97590	2.058781	.2830957	1.198022

#1	.0699747	.000846	3.809198	.0296417	.0698460	82.92443	17.34270
#2	.0735837	-.000028	3.786017	.0356324	.0671931	83.37541	17.56860
#3	.0631310	-.005653	3.793372	.0465312	.0677164	83.03355	17.15330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081465	.0157290	167.7089	.1917044	.1218101	5.408713	192.4104
Stddev	.0003145	.0003896	.2550	.0008450	.0005331	.018545	.5482
%RSD	3.860181	2.476976	.1520317	.4407768	.4376410	.3428806	.2848945

#1	.0080576	.0161745	167.5834	.1926800	.1222713	5.391302	192.1871
#2	.0084959	.0155606	168.0023	.1912058	.1219325	5.428215	193.0349
#3	.0078860	.0154520	167.5409	.1912273	.1212264	5.406621	192.0091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.021074	85.08250	.1754204	.0087553	1.972096	.2909144	4.287839
Stddev	.018692	.17920	.0008772	.0007275	.070377	.0016028	.025865
%RSD	.2072061	.2106187	.5000868	8.309187	3.568647	.5509568	.6032096

#1	9.006320	84.97947	.1753134	.0094549	2.052681	.2905603	4.259077
#2	9.042094	85.28942	.1763462	.0088083	1.940891	.2895182	4.309187
#3	9.014808	84.97861	.1746015	.0080028	1.922717	.2926646	4.295253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.973495	5.353914	.1540786	.0109557	8.507938	7.301350	.0433767
Stddev	.014250	.012778	.0038883	.0004611	.018327	.013535	.0023481
%RSD	.2043460	.2386742	2.523551	4.208769	.2154125	.1853820	5.413330

#1	6.957059	5.343743	.1497205	.0111496	8.519258	7.297074	.0448457
#2	6.982391	5.368257	.1553230	.0112881	8.517763	7.316508	.0446159
#3	6.981034	5.349742	.1571923	.0104293	8.486793	7.290470	.0406686

Sample Name: M3189-07 Acquired: 08/10/2021 11:56:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.295028	.0560873	.1822151
Stddev	.003109	.0008519	.0007415
%RSD	.2400596	1.518871	.4069222

#1	1.291759	.0556834	.1824610
#2	1.297947	.0570660	.1828025
#3	1.295379	.0555125	.1813820

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.651	32949.07	9190.791	952.9748	1954.182
Stddev	2.416	124.51	37.007	1.8531	2.265
%RSD	.1458411	.3778741	.4026507	.1944554	.1158924

#1	1655.142	32824.03	9174.483	954.5848	1953.200
#2	1659.438	32950.15	9164.740	950.9492	1956.772
#3	1655.374	33073.03	9233.151	953.3905	1952.573

Sample Name: M3189-08 Acquired: 08/10/2021 12:00:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594396	-.003782	.7148536	.0213301	.0024515	48.46048	17.04034
Stddev	.0007465	.002736	.0054481	.0044430	.0006416	.09612	.10775
%RSD	1.255886	72.36030	.7621267	20.82997	26.17332	.1983428	.6323465

#1	.0588918	-.004804	.7145082	.0171675	.0018571	48.35301	17.12485
#2	.0602898	-.000681	.7204662	.0208141	.0023656	48.49021	16.91900
#3	.0591371	-.005860	.7095865	.0260086	.0031318	48.53822	17.07717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047805	.0071340	758.1658	.0857742	.0466242	.2987247	98.74134
Stddev	.0000539	.0001225	5.0151	.0008348	.0004235	.0024799	.38417
%RSD	1.127914	1.717304	.6614817	.9732806	.9082655	.8301736	.3890719

#1	.0048239	.0072007	759.8700	.0860796	.0465922	.2990973	98.29851
#2	.0047201	.0069926	752.5207	.0848297	.0470628	.2960796	98.94007
#3	.0047975	.0072086	762.1068	.0864134	.0462176	.3009973	98.98545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.459616	444.1698	.0716048	.0039225	1.446204	.1964441	4.820074
Stddev	.008023	1.6496	.0003308	.0001317	.223418	.0023315	.011965
%RSD	.2319086	.3713932	.4620305	3.358293	15.44859	1.186859	.2482245

#1	3.453070	442.2949	.0714589	.0040477	1.668916	.1941384	4.831489
#2	3.457211	444.8160	.0719835	.0039346	1.222086	.1988006	4.821107
#3	3.468566	445.3985	.0713719	.0037851	1.447609	.1963933	4.807627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.286268	2.010113	.0074731	.0038742	18.84966	6.148092	.0277082
Stddev	.060868	.010173	.0006979	.0003099	.09713	.033448	.0034098
%RSD	2.662308	.5060774	9.338341	7.999414	.5152694	.5440384	12.30611

#1	2.343094	2.002116	.0066826	.0037335	18.73880	6.109989	.0255015
#2	2.222036	2.006661	.0077326	.0042295	18.91975	6.161675	.0259875
#3	2.293675	2.021563	.0080040	.0036596	18.89045	6.172612	.0316355

Sample Name: M3189-08 Acquired: 08/10/2021 12:00:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9999016	.0543173	.4135976
Stddev	.0051102	.0008909	.0017954
%RSD	.5110675	1.640197	.4341014

#1	.9949021	.0543503	.4124408
#2	.9996871	.0534104	.4126859
#3	1.005116	.0551913	.4156659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.154	30492.17	8497.536	864.9331	1741.776
Stddev	2.946	70.93	36.388	.6058	2.563
%RSD	.1971669	.2326129	.4282155	.0700420	.1471626

#1	1497.157	30496.51	8539.079	864.2393	1744.641
#2	1494.036	30560.83	8482.209	865.2025	1739.702
#3	1491.268	30419.17	8471.318	865.3574	1740.984

Sample Name: M3189-09 Acquired: 08/10/2021 12:04:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730479	-.013559	1.723177	.0394740	.0008175	110.5792	16.87510
Stddev	.0073333	.001278	.002604	.0057700	.0025984	.3425	.19419
%RSD	10.03899	9.423780	.1511347	14.61719	317.8415	.3097546	1.150735

#1	.0646281	-.015008	1.722417	.0346804	.0010740	110.4923	16.79635
#2	.0764786	-.012591	1.721037	.0378634	.0032782	110.9568	17.09629
#3	.0780369	-.013080	1.726076	.0458782	-.001900	110.2884	16.73265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114708	.0048005	101.2403	.1747605	.2008834	.2021456	212.1259
Stddev	.0002173	.0001442	.2735	.0001866	.0010412	.0002448	1.1436
%RSD	1.893994	3.003457	.2701962	.1067478	.5182900	.1210890	.5391252

#1	.0112343	.0046340	101.2886	.1745563	.2007861	.2021096	211.4093
#2	.0116615	.0048856	101.4865	.1749219	.2019698	.2019209	213.4448
#3	.0115164	.0048818	100.9459	.1748034	.1998943	.2024064	211.5236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.18830	69.25607	.1817179	.0085410	1.283263	.4304401	1.754316
Stddev	.04832	.45185	.0002741	.0002587	.274121	.0036466	.002521
%RSD	.3405350	.6524329	.1508260	3.028287	21.36125	.8471821	.1437203

#1	14.19062	69.04890	.1818298	.0088392	1.439834	.4264014	1.753173
#2	14.23541	69.77436	.1814056	.0083782	1.443215	.4334913	1.757206
#3	14.13886	68.94495	.1819183	.0084056	.966742	.4314275	1.752568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.669969	2.379556	.0055034	.0093303	6.324035	8.692875	.0121577
Stddev	.033716	.009306	.0018337	.0005699	.027899	.026871	.0023467
%RSD	.5054843	.3910701	33.31982	6.107940	.4411573	.3091159	19.30249

#1	6.648938	2.383175	.0058725	.0089622	6.356059	8.672739	.0100160
#2	6.652112	2.368984	.0071245	.0099867	6.311056	8.723387	.0117909
#3	6.708858	2.386508	.0035132	.0090419	6.304990	8.682499	.0146663

Sample Name: M3189-09 Acquired: 08/10/2021 12:04:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.696424	.0692925	.0352138
Stddev	.007863	.0011675	.0006543
%RSD	.4634771	1.684820	1.858124

#1	1.689932	.0694504	.0357936
#2	1.705166	.0703731	.0345044
#3	1.694175	.0680542	.0353434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.396	34823.78	9627.609	1010.692	1961.335
Stddev	3.877	39.28	54.112	3.349	1.418
%RSD	.2197365	.1127991	.5620505	.3313484	.0722993

#1	1768.698	34868.94	9668.366	1014.425	1962.370
#2	1761.170	34797.52	9566.215	1007.950	1961.916
#3	1763.321	34804.89	9648.245	1009.701	1959.719

Sample Name: CCV052 Acquired: 08/10/2021 12:33:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.988927	4.844289	24.89849	5.095742	5.076008	417.0981	10.04317
Stddev	.011626	.017315	.03671	.021244	.009300	.7383	.08818
%RSD	.2330281	.3574394	.1474407	.4168959	.1832137	.1770099	.8779606

#1	4.999969	4.838245	24.91514	5.109461	5.079965	416.2692	9.94585
#2	4.976795	4.863816	24.92391	5.106494	5.082676	417.6850	10.11776
#3	4.990016	4.830806	24.85640	5.071272	5.065384	417.3403	10.06589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5213954	2.521855	396.7841	15.32662	2.503418	15.23952	424.4720
Stddev	.0009202	.004980	.0779	.01738	.006031	.00902	1.7967
%RSD	.1764825	.1974679	.0196273	.1134098	.2409076	.0592193	.4232850

#1	.5222380	2.526727	396.8548	15.33750	2.502978	15.24334	423.0302
#2	.5215347	2.522064	396.7969	15.30657	2.509657	15.24602	426.4848
#3	.5204135	2.516774	396.7006	15.33578	2.497619	15.22922	423.9010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63450	417.1317	2.483190	1.266363	412.2677	2.621306	15.47213
Stddev	.02815	2.2824	.007183	.001813	.7035	.017755	.06818
%RSD	.1923622	.5471542	.2892523	.1431389	.1706335	.6773480	.4406870

#1	14.62276	415.0852	2.487987	1.266696	411.8109	2.611426	15.47185
#2	14.61411	419.5930	2.486652	1.264407	413.0778	2.641804	15.54045
#3	14.66662	416.7170	2.474932	1.267986	411.9144	2.610689	15.40409

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.5692	5.210541	5.177500	5.009137	5.202920	5.139286	5.030520
Stddev	.2448	.013511	.007681	.004687	.017701	.002363	.016848
%RSD	.1573666	.2593028	.1483494	.0935726	.3402034	.0459869	.3349116

#1	155.5930	5.214277	5.173034	5.012646	5.207906	5.136908	5.033164
#2	155.3133	5.221791	5.186369	5.010950	5.217593	5.139317	5.045890
#3	155.8012	5.195555	5.173098	5.003814	5.183261	5.141634	5.012507

Sample Name: CCV052 Acquired: 08/10/2021 12:33:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.211842	5.222628	4.985163
Stddev	.018781	.009808	.064017
%RSD	.3603460	.1877901	1.284150

#1	5.210758	5.230227	5.034703
#2	5.231141	5.226100	5.007905
#3	5.193627	5.211557	4.912879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.919	28183.28	7976.737	761.6631	1650.583
Stddev	1.299	66.67	3.412	2.3617	3.199
%RSD	.0960832	.2365704	.0427778	.3100749	.1938048

#1	1350.862	28154.63	7979.332	759.5235	1648.429
#2	1351.524	28135.72	7972.872	761.2686	1649.061
#3	1353.369	28259.49	7978.008	764.1972	1654.258

Sample Name: CCB052 Acquired: 08/10/2021 12:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008070	.0005338	.0014815	-.005746	.0011377	.0153766
Stddev	.006772	.0035062	.0003102	.003015	.0028882	.0049083
%RSD	83.91586	656.8298	20.93674	52.47961	253.8514	31.92053

#1	-.008578	.0045619	.0017783	-.002367	.0040519	.0121950
#2	-.001058	-.001127	.0015068	-.008164	-.001724	.0210294
#3	-.014573	-.001834	.0011595	-.006707	.001085	.0129055

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002251	.0000076	.0001075	.0235506	.0007333	.0001634
Stddev	.000259	.0000282	.0000545	.0033753	.0012614	.0005153
%RSD	11.49498	372.4866	50.73187	14.33193	172.0142	315.4113

#1	-.002135	-.000022	.0000556	.0269995	-.000517	.0002632
#2	-.002071	.000034	.0001643	.0202541	.002005	.0006215
#3	-.002548	.000011	.0001026	.0233982	.000712	-.000395

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069600	.0243959	.0007631	.0077714	.0001875	.0003205
Stddev	.0019182	.0092273	.0003245	.0253822	.0001008	.0003159
%RSD	27.55995	37.82306	42.51957	326.6094	53.76055	98.56117

#1	.0082741	.0144742	.0004674	-.019652	.0002677	.0002436
#2	.0047589	.0327202	.0011102	.030441	.0000744	.0000502
#3	.0078471	.0259934	.0007117	.012525	.0002206	.0006678

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.286469	.0012948	-.001449	-.090068	-.001651	F .0115957
Stddev	.167529	.0025959	.000935	.019359	.005868	.0004106
%RSD	58.48066	200.4896	64.56488	21.49390	355.5198	3.540851

#1	-.171746	-.001189	-.001124	-.083801	.004543	.0113468
#2	-.478720	.001084	-.002503	-.074618	-.002368	.0113707
#3	-.208943	.003990	-.000719	-.111784	-.007127	.0120696

Sample Name: CCB052 Acquired: 08/10/2021 12:37:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007762	-.002002	.0013601	-.000065	.0008285	.0026363
Stddev	.0002724	.000450	.0009507	.000436	.0005115	.0014387
%RSD	35.09217	22.49118	69.89930	670.3166	61.73832	54.57247

#1	.0005201	-.001562	.0004664	-.000235	.0003758	.0037896
#2	.0007461	-.002462	.0023590	-.000391	.0007264	.0010242
#3	.0010624	-.001982	.0012548	.000430	.0013835	.0030950

Elem	Sr4077
Units	ppm
Avg	.0000771
Stddev	.0000045
%RSD	5.859160

#1	.0000788
#2	.0000720
#3	.0000805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.341	30460.01	8300.641	898.3196	2010.693
Stddev	.471	68.98	56.679	1.6493	1.819
%RSD	.0301618	.2264741	.6828283	.1835948	.0904510

#1	1560.849	30532.26	8237.602	898.3582	2008.636
#2	1559.920	30452.93	8347.394	899.9492	2011.353
#3	1560.255	30394.83	8316.928	896.6513	2012.089

Sample Name: M3191-13 Acquired: 08/10/2021 12:41:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1867804	.2511449	.0493367	.0649120	.1006478	33.36736	.0697358
Stddev	.0066167	.0028008	.0014423	.0051739	.0024390	.04507	.0004196
%RSD	3.542504	1.115210	2.923471	7.970573	2.423321	.1350609	.6017330

#1	.1848565	.2513989	.0489713	.0595956	.0983371	33.31677	.0695601
#2	.1941458	.2482258	.0509266	.0699305	.1004088	33.38209	.0694326
#3	.1813389	.2538101	.0481122	.0652099	.1031975	33.40321	.0702147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111457	.1507167	11.39554	.0611007	.0094131	.4927999	48.72113
Stddev	.0002973	.0001757	.02538	.0008195	.0002400	.0035910	.16267
%RSD	.1408077	.1165562	.2227520	1.341167	2.549237	.7287001	.3338780

#1	.2113989	.1506818	11.41781	.0620439	.0091360	.4887805	48.53337
#2	.2112199	.1505612	11.36790	.0605638	.0095480	.4939271	48.81015
#3	.2108183	.1509073	11.40091	.0606943	.0095553	.4956921	48.81985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3729370	3.647376	.3109392	.2124642	8.808983	1.746148	.5334775
Stddev	.0018936	.016542	.0007406	.0009503	.201919	.005662	.0064008
%RSD	.5077472	.4535417	.2381803	.4472515	2.292199	.3242667	1.199831

#1	.3747636	3.628700	.3117415	.2128904	8.901191	1.748108	.5378377
#2	.3709829	3.660186	.3107943	.2113754	8.948336	1.739766	.5261290
#3	.3730646	3.653243	.3102817	.2131267	8.577421	1.750569	.5364658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.96146	.1402112	.0096640	.0103791	1.017272	2.344821	.0043171
Stddev	.22833	.0034579	.0010879	.0005238	.016344	.011265	.0010257
%RSD	.2625592	2.466172	11.25752	5.046699	1.606685	.4804022	23.75855

#1	86.73883	.1386581	.0084221	.0101800	1.035814	2.349284	.0034050
#2	87.19509	.1441732	.0104489	.0099841	1.004953	2.353169	.0054275
#3	86.95047	.1378021	.0101209	.0109733	1.011050	2.332008	.0041189

Sample Name: M3191-13 Acquired: 08/10/2021 12:41:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6742454	.0018079	-.024072
Stddev	.0005304	.0009482	.000131
%RSD	.0786698	52.44778	.5423999

#1	.6739325	.0007371	-.023928
#2	.6739460	.0025412	-.024104
#3	.6748579	.0021453	-.024184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.828	31791.68	8721.076	933.2615	2048.875
Stddev	3.347	95.25	13.229	2.2505	2.432
%RSD	.2060129	.2995957	.1516956	.2411442	.1187036

#1	1622.362	31871.18	8708.375	931.8752	2046.098
#2	1623.484	31817.73	8734.777	935.8581	2050.624
#3	1628.639	31686.11	8720.075	932.0510	2049.904

Sample Name: PB138037BL Acquired: 08/10/2021 12:53:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS037 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003491	-.002900	-.000112	-.003265	-.000590	.0038624	-.003252
Stddev	.001689	.002162	.003469	.005478	.001911	.0027137	.000881
%RSD	48.39800	74.54766	3110.480	167.7645	323.9915	70.25899	27.08328

#1	-.003373	-.004386	-.001984	.002428	-.002588	.0030833	-.004258
#2	-.001863	-.000420	-.002242	-.003724	-.000402	.0016235	-.002874
#3	-.005235	-.003893	.003892	-.008499	.001220	.0068805	-.002622

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000410	.0000696	.0136892	.0002782	-.000020	.0030477	-.001429
Stddev	.0000526	.0000319	.0099307	.0006589	.000088	.0015762	.012516
%RSD	128.4986	45.83715	72.54386	236.8761	448.2260	51.71786	876.0345

#1	-.000017	.0000972	.0247608	.0002077	.000065	.0013584	.003492
#2	.000085	.0000771	.0055680	-.000343	-.000013	.0044790	.007878
#3	.000055	.0000347	.0107389	.000969	-.000112	.0033056	-.015657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000241	-.008950	-.000103	.0000824	-.236141	.0023051	-.002200
Stddev	.000477	.001844	.000658	.0003165	.182605	.0030238	.000543
%RSD	197.9658	20.59956	638.0855	384.0314	77.32876	131.1774	24.67687

#1	.000217	-.008101	-.000298	.0002125	-.125454	.0012279	-.002673
#2	-.000734	-.011066	-.000642	.0003131	-.136063	-.000033	-.001607
#3	-.000205	-.007684	.000630	-.000278	-.446907	.005720	-.002321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135530	-.000856	-.000675	-.000000	-.005185	-.001680	-.001739
Stddev	.008137	.002230	.001103	.000744	.005268	.000929	.000937
%RSD	6.003757	260.3152	163.4759	191920.0	101.5883	55.27815	53.85118

#1	-.141651	-.001891	-.001482	.000572	-.001679	-.002409	-.002401
#2	-.126296	-.002381	-.001124	.000269	-.002634	-.000634	-.002150
#3	-.138644	.001702	.000582	-.000842	-.011243	-.001996	-.000668

Sample Name: PB138037BL Acquired: 08/10/2021 12:53:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS037 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002846	-.001131	-.000047
Stddev	.0004301	.001504	.000065
%RSD	151.1183	132.9987	137.7814

#1	-.000088	.000091	.000016
#2	.000755	-.002810	-.000114
#3	.000187	-.000673	-.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.883	30391.73	8337.978	886.5670	2008.721
Stddev	4.098	97.85	36.958	2.0649	2.815
%RSD	.2627426	.3219504	.4432460	.2329093	.1401339

#1	1555.307	30415.42	8344.792	884.1841	2007.578
#2	1561.125	30284.21	8371.054	887.8300	2006.658
#3	1563.217	30475.55	8298.087	887.6870	2011.928

Sample Name: PB138037BS Acquired: 08/10/2021 12:57:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222739	.0502095	.0204400	.0755203	.1282647	.4000126
Stddev	.0021555	.0020696	.0035423	.0009784	.0008607	.0050719
%RSD	9.677206	4.121963	17.33019	1.295549	.6710052	1.267927

#1	.0201527	.0499232	.0191442	.0765836	.1288360	.4027584
#2	.0244621	.0482979	.0244478	.0753193	.1286832	.4031195
#3	.0222070	.0524073	.0177281	.0746581	.1272748	.3941598

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4124597	.0114332	.0108840	10.38979	.0225511	.1017913
Stddev	.0020214	.0004080	.0001409	.03587	.0008438	.0007190
%RSD	.4900792	3.568242	1.294146	.3452201	3.741661	.7063230

#1	.4136038	.0110282	.0109187	10.37923	.0216262	.1025761
#2	.4136495	.0114272	.0107290	10.42976	.0227482	.1011643
#3	.4101257	.0118441	.0110042	10.36040	.0232789	.1016336

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566780	.2269927	.0320222	10.09341	.0832056	.0194851
Stddev	.0006718	.0092051	.0001016	.16841	.0001829	.0002261
%RSD	1.185353	4.055228	.3172420	1.668560	.2198675	1.160386

#1	.0571718	.2163991	.0319071	9.95486	.0830913	.0194020
#2	.0569492	.2330418	.0320992	10.04451	.0834166	.0197411
#3	.0559129	.2315370	.0320604	10.28087	.0831089	.0193124

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19885	.1155414	.1169584	9.760245	.0209437	F .2114446
Stddev	.06037	.0022690	.0029395	.003568	.0033767	.0013436
%RSD	.5919512	1.963803	2.513249	.0365565	16.12270	.6354501

#1	10.20410	.1134511	.1173500	9.757724	.0183366	.2120825
#2	10.25643	.1152184	.1196824	9.758683	.0197364	.2099008
#3	10.13603	.1179546	.1138427	9.764327	.0247581	.2123505

Sample Name: PB138037BS Acquired: 08/10/2021 12:57:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS037 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212712	.1957411	.1964190	.0154138	.2203949	.0288023
Stddev	.0010975	.0059054	.0017831	.0013406	.0017709	.0002981
%RSD	5.159482	3.016968	.9078018	8.697651	.8034997	1.034887

#1	.0218156	.1946094	.1964726	.0152893	.2183947	.0289083
#2	.0200079	.1904835	.1946097	.0168124	.2217630	.0284657
#3	.0219900	.2021305	.1981747	.0141398	.2210271	.0290329

Elem	Sr4077
Units	ppm
Avg	.2258054
Stddev	.0005845
%RSD	.2588694

#1	.2251404
#2	.2260376
#3	.2262381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1559.538	30585.64	8417.678	899.4795	2030.332
Stddev	2.710	89.60	45.914	3.9605	3.832
%RSD	.1737468	.2929494	.5454512	.4403103	.1887392

#1	1557.494	30489.24	8440.685	896.3222	2029.787
#2	1562.612	30601.31	8447.541	898.1930	2034.407
#3	1558.509	30666.38	8364.809	903.9233	2026.802

Sample Name: M3191-01 Acquired: 08/10/2021 13:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1017679	-.004555	6.258019	.0292447	.0060655	15.50859
Stddev	.0044829	.005462	.004737	.0014114	.0013140	.05763
%RSD	4.404977	119.9195	.0756964	4.826272	21.66368	.3716106

#1	.1030184	-.000986	6.255455	.0288046	.0045500	15.46939
#2	.0967926	-.010842	6.255116	.0308238	.0068861	15.57476
#3	.1054928	-.001835	6.263485	.0281058	.0067606	15.48162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.785256	.0038189	.0865703	F 1113.534	.0933486	.0776467
Stddev	.000822	.0001915	.0001366	1.944	.0009516	.0003188
%RSD	.0171832	5.014039	.1577954	.1745378	1.019459	.4105991

#1	4.786013	.0040365	.0864948	1111.301	.0923308	.0775869
#2	4.785372	.0037439	.0867279	1114.461	.0934987	.0779912
#3	4.784381	.0036762	.0864880	1114.841	.0942162	.0773620

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2464277	181.4786	4.233775	637.1529	.1829740	.0100563
Stddev	.0008553	.9747	.006009	2.5845	.0013042	.0005562
%RSD	.3471000	.5370788	.1419405	.4056316	.7127950	5.530848

#1	.2473769	180.6892	4.227676	635.1489	.1825990	.0102034
#2	.2457166	182.5680	4.239691	640.0700	.1844246	.0105241
#3	.2461896	181.1785	4.233959	636.2397	.1818983	.0094413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.840394	.1662151	24.65054	.7457465	1.249106	-.004585
Stddev	.188167	.0017005	.13562	.0502142	.013397	.001561
%RSD	10.22427	1.023045	.5501625	6.733416	1.072526	34.03964

#1	1.658755	.1642545	24.78586	.6879474	1.233825	-.005467
#2	1.827955	.1672874	24.65112	.7786352	1.254665	-.002783
#3	2.034471	.1671035	24.51463	.7706569	1.258829	-.005504

Sample Name: M3191-01 Acquired: 08/10/2021 13:01:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077736	F 119.5122	3.706002	.0378612	.5963075	.0328995
Stddev	.0007663	.1272	.020203	.0017952	.0011078	.0010692
%RSD	9.858170	.1064165	.5451356	4.741604	.1857750	3.249798

#1	.0086005	119.4489	3.683423	.0395738	.5955805	.0336429
#2	.0076330	119.6586	3.722372	.0380164	.5975825	.0333813
#3	.0070873	119.4291	3.712209	.0359935	.5957596	.0316742

Elem	Sr4077
Units	ppm
Avg	.4276791
Stddev	.0005253
%RSD	.1228239

#1	.4275352
#2	.4282613
#3	.4272407

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.432	28918.39	8172.832	814.1809	1665.384
Stddev	3.161	51.46	39.075	4.4033	1.679
%RSD	.2244539	.1779601	.4781100	.5408268	.1008261

#1	1410.816	28910.71	8211.192	809.1565	1667.015
#2	1404.846	28973.25	8133.079	816.0178	1665.478
#3	1409.634	28871.19	8174.227	817.3683	1663.660

Sample Name: M3191-02 Acquired: 08/10/2021 13:05:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188409	-.012292	5.515889	.0753031	.0053618	120.1375	15.98994
Stddev	.0087631	.000778	.024601	.0043541	.0009694	.3936	.05872
%RSD	7.373826	6.331826	.4460033	5.782126	18.07976	.3276377	.3672386

#1	.1211607	-.011501	5.525931	.0803269	.0046048	120.3619	16.02522
#2	.1091513	-.012320	5.487855	.0726192	.0064544	119.6830	15.92215
#3	.1262108	-.013057	5.533881	.0729633	.0050261	120.3676	16.02244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163111	.0019811	36.41185	.2555065	.2646154	.4125835	387.3051
Stddev	.0000806	.0002767	.01388	.0026935	.0006545	.0023974	2.4417
%RSD	.4943490	13.96883	.0381201	1.054194	.2473563	.5810645	.6304235

#1	.0163688	.0016831	36.41845	.2558255	.2651564	.4143639	388.6486
#2	.0162190	.0020301	36.42120	.2580264	.2648020	.4135291	384.4867
#3	.0163454	.0022300	36.39590	.2526677	.2638878	.4098575	388.7799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59609	30.63459	.1742868	.0172109	1.667218	.6745724	7.681420
Stddev	.02742	.19905	.0011960	.0007296	.205466	.0049686	.042210
%RSD	.2587733	.6497664	.6861939	4.238859	12.32387	.7365587	.5495102

#1	10.58001	30.78857	.1731005	.0163760	1.441018	.6767206	7.701435
#2	10.62775	30.40982	.1754922	.0177256	1.842295	.6688912	7.632926
#3	10.58051	30.70539	.1742677	.0175312	1.718342	.6781055	7.709900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.734392	2.126441	.0033143	.0150079	3.669245	5.690860	.0193009
Stddev	.042234	.004161	.0049867	.0001933	.025691	.007997	.0033151
%RSD	.8920763	.1956977	150.4608	1.287907	.7001650	.1405242	17.17586

#1	4.771018	2.122836	.0085135	.0149483	3.661534	5.682321	.0169667
#2	4.688193	2.130995	-.001429	.0152239	3.697908	5.692084	.0178405
#3	4.743965	2.125493	.002858	.0148513	3.648293	5.698174	.0230955

Sample Name: M3191-02 Acquired: 08/10/2021 13:05:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Y7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.650600	.0664310	-.202061
Stddev	.006760	.0003931	.001835
%RSD	.4095489	.5918064	.9080323

#1	1.655556	.0668839	-.203033
#2	1.642899	.0662312	-.199944
#3	1.653344	.0661778	-.203204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.139	35343.75	9777.031	1020.885	1977.768
Stddev	.645	46.52	11.868	.877	5.669
%RSD	.0360913	.1316169	.1213823	.0859134	.2866300

#1	1786.812	35290.29	9767.749	1020.262	1976.133
#2	1785.527	35375.06	9790.403	1021.888	1984.074
#3	1786.078	35365.88	9772.942	1020.504	1973.096

Sample Name: M3191-03 Acquired: 08/10/2021 13:10:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966625	-.008473	6.073936	.0397596	.0039629	82.39692
Stddev	.0104080	.002720	.011382	.0070289	.0021404	.21288
%RSD	10.76734	32.10690	.1873873	17.67850	54.00982	.2583543

#1	.0864627	-.011018	6.064051	.0417003	.0020102	82.15684
#2	.1072669	-.005606	6.071379	.0456142	.0036274	82.47125
#3	.0962578	-.008794	6.086379	.0319642	.0062513	82.56266

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.71876	.0094348	.0488519	412.6798	.1535546	.1493261
Stddev	.11878	.0000868	.0003338	1.1112	.0004899	.0004567
%RSD	.5469031	.9203297	.6833405	.2692557	.3190323	.3058697

#1	21.82838	.0094532	.0485391	412.3181	.1538210	.1496672
#2	21.59256	.0095110	.0488133	411.7944	.1538536	.1488072
#3	21.73535	.0093403	.0492034	413.9267	.1529893	.1495038

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3184577	217.6021	9.257122	233.9221	.1265055	.0090346
Stddev	.0016915	.8999	.036502	.9033	.0013285	.0001912
%RSD	.5311426	.4135675	.3943158	.3861537	1.050119	2.116382

#1	.3204024	216.6220	9.245648	232.9002	.1280102	.0088620
#2	.3173280	218.3911	9.227734	234.6139	.1260113	.0092401
#3	.3176427	217.7931	9.297982	234.2522	.1254949	.0090016

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.818060	.3580231	12.07441	5.378623	2.273488	-.000289
Stddev	.088642	.0020118	.01308	.065932	.017982	.002756
%RSD	4.875626	.5619051	.1083303	1.225813	.7909448	952.7344

#1	1.716648	.3577139	12.06125	5.313842	2.288594	-.003367
#2	1.856762	.3561839	12.08740	5.376380	2.278273	.001951
#3	1.880769	.3601715	12.07457	5.445648	2.253598	.000548

Sample Name: M3191-03 Acquired: 08/10/2021 13:10:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116675	9.130669	6.732183	.0414350	1.207603	.0621522
Stddev	.0002413	.036454	.016324	.0027597	.003980	.0012645
%RSD	2.068444	.3992475	.2424806	6.660331	.3295876	2.034474

#1	.0114910	9.122702	6.715593	.0445788	1.205525	.0620971
#2	.0115690	9.098857	6.748228	.0403142	1.205093	.0634433
#3	.0119425	9.170448	6.732726	.0394120	1.212192	.0609162

Elem	Sr4077
Units	ppm
Avg	.2167296
Stddev	.0005492
%RSD	.2534124

#1	.2173063
#2	.2166698
#3	.2162128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1590.221	32043.87	9023.832	912.3680	1811.551
Stddev	1.872	94.76	35.797	3.8984	2.016
%RSD	.1177497	.2957341	.3966951	.4272870	.1113091

#1	1591.472	32075.80	9060.899	915.7613	1813.701
#2	1588.069	32118.54	9021.139	913.2329	1809.701
#3	1591.123	31937.26	8989.457	908.1098	1811.253

Sample Name: M3191-04 Acquired: 08/10/2021 13:14:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820800	-.009744	4.103037	.0571459	.0034165	102.0330
Stddev	.0104078	.004359	.004425	.0008365	.0025244	.1175
%RSD	12.68003	44.73624	.1078433	1.463746	73.88872	.1151374

#1	.0704336	-.012257	4.097959	.0567826	.0029966	101.9333
#2	.0853357	-.012263	4.106065	.0581026	.0061245	102.0032
#3	.0904708	-.004710	4.105088	.0565525	.0011284	102.1625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.57456	.0139704	-.000802	28.94497	.2714975	.1669762
Stddev	.10182	.0001644	.000061	.05386	.0003220	.0006209
%RSD	.4143178	1.176974	7.637881	.1860906	.1185973	.3718463

#1	24.69187	.0137955	-.000857	28.94404	.2711285	.1668309
#2	24.50915	.0141218	-.000814	28.89159	.2717217	.1676569
#3	24.52265	.0139939	-.000736	28.99930	.2716423	.1664408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2077542	296.4167	8.024179	21.15982	.1456398	.0129297
Stddev	.0015465	.6253	.012996	.10436	.0011683	.0003132
%RSD	.7443858	.2109648	.1619544	.4932066	.8022041	2.421983

#1	.2066405	296.0715	8.009597	21.21605	.1442922	.0125870
#2	.2095200	296.0400	8.034537	21.22401	.1462597	.0132010
#3	.2071022	297.1385	8.028402	21.03940	.1463675	.0130009

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.482490	.5104151	3.147434	4.345633	2.142263	.0179146
Stddev	.144169	.0055923	.029696	.056468	.010488	.0039085
%RSD	9.724787	1.095631	.9434900	1.299413	.4895713	21.81751

#1	1.319397	.5162398	3.117362	4.368448	2.140602	.0152387
#2	1.592936	.5050885	3.148202	4.281328	2.153482	.0223999
#3	1.535139	.5099171	3.176738	4.387125	2.132704	.0161051

Sample Name: M3191-04 Acquired: 08/10/2021 13:14:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089015	5.945127	4.283983	.0157702	1.648947	.0571708
Stddev	.0003380	.008423	.021231	.0014645	.002684	.0006215
%RSD	3.797081	.1416741	.4955919	9.286513	.1627779	1.087115

#1	.0092706	5.949727	4.307635	.0155241	1.645923	.0575341
#2	.0088268	5.950247	4.266573	.0144444	1.651047	.0564532
#3	.0086071	5.935406	4.277740	.0173422	1.649872	.0575252

Elem	Sr4077
Units	ppm
Avg	-.040157
Stddev	.000514
%RSD	1.279040

#1	-.039623
#2	-.040200
#3	-.040648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.593	34091.28	9513.037	989.8315	1990.032
Stddev	1.609	127.69	39.337	5.6712	2.590
%RSD	.0930424	.3745617	.4135017	.5729461	.1301611

#1	1730.648	34147.76	9470.108	993.6149	1988.503
#2	1727.740	34180.99	9547.355	992.5687	1988.570
#3	1730.389	33945.08	9521.646	983.3108	1993.022

Sample Name: M3191-05 Acquired: 08/10/2021 13:18:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1722844	-.014220	3.441929	.0518655	.0073300	97.14261
Stddev	.0118202	.002940	.006926	.0037049	.0006011	.28453
%RSD	6.860872	20.67518	.2012169	7.143374	8.201213	.2929022

#1	.1838646	-.014244	3.445505	.0480073	.0077125	96.99165
#2	.1602379	-.017149	3.446337	.0553954	.0066371	97.47081
#3	.1727506	-.011269	3.433947	.0521939	.0076405	96.96537

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.24924	.0108998	.0220194	321.5304	.1605552	.2052689
Stddev	.12664	.0001576	.0003622	.4350	.0005919	.0004127
%RSD	.4482864	1.446055	1.644903	.1352800	.3686742	.2010654

#1	28.39108	.0109547	.0220247	321.0915	.1611718	.2049700
#2	28.14752	.0110227	.0216545	321.9614	.1599915	.2050968
#3	28.20914	.0107221	.0223789	321.5383	.1605024	.2057398

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2358431	260.5868	14.32533	182.4821	.1979203	.0107330
Stddev	.0020945	1.3892	.01841	1.1679	.0010467	.0006082
%RSD	.8880811	.5331039	.1285084	.6400056	.5288736	5.666461

#1	.2340963	260.3061	14.30860	182.1564	.1977975	.0102211
#2	.2381651	262.0950	14.34505	183.7783	.1990230	.0114053
#3	.2352679	259.3595	14.32233	181.5116	.1969403	.0105725

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.496010	.4086005	8.182938	4.745500	2.238251	.0013145
Stddev	.063937	.0006187	.025695	.036448	.005607	.0031668
%RSD	4.273820	.1514090	.3140048	.7680512	.2505180	240.9158

#1	1.465017	.4091316	8.155953	4.772002	2.239351	.0020105
#2	1.569536	.4087488	8.185750	4.760562	2.232176	-.002142
#3	1.453476	.4079212	8.207111	4.703935	2.243227	.004075

Sample Name: M3191-05 Acquired: 08/10/2021 13:18:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113674	12.97282	7.697292	.0198490	.9378000	.0555989
Stddev	.0002784	.03132	.055158	.0039872	.0037512	.0004461
%RSD	2.449426	.2414575	.7165869	20.08748	.4000030	.8024434

#1	.0111889	12.97435	7.731932	.0236009	.9412081	.0557338
#2	.0112250	12.94077	7.726257	.0156622	.9384112	.0559620
#3	.0116882	13.00336	7.633685	.0202838	.9337807	.0551008

Elem	Sr4077
Units	ppm
Avg	.0537051
Stddev	.0009040
%RSD	1.683220

#1	.0530103
#2	.0533779
#3	.0547271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.374	33022.07	9232.220	943.9814	1835.920
Stddev	3.748	106.48	52.844	2.8342	1.404
%RSD	.2289092	.3224540	.5723903	.3002399	.0764473

#1	1640.694	33140.58	9226.432	946.5383	1837.391
#2	1638.118	32934.44	9182.508	940.9339	1835.774
#3	1633.309	32991.20	9287.721	944.4719	1834.595

Sample Name: M3191-06 Acquired: 08/10/2021 13:22:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1469501	-.003260	6.286611	.0341747	.0062070	9.547291
Stddev	.0066877	.001047	.009300	.0040041	.0040862	.026753
%RSD	4.550978	32.11176	.1479355	11.71658	65.83166	.2802197

#1	.1516763	-.002142	6.280734	.0313357	.0030028	9.519038
#2	.1392981	-.004218	6.281765	.0324339	.0108086	9.572237
#3	.1498758	-.003421	6.297333	.0387545	.0048097	9.550600

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.588645	.0044486	.0462612	F 1283.068	.1161141	.0610249
Stddev	.014493	.0000614	.0002069	9.766	.0006611	.0004606
%RSD	.2593309	1.379719	.4473126	.7611465	.5693466	.7547319

#1	5.601606	.0043801	.0462620	1272.661	.1156083	.0614036
#2	5.591333	.0044672	.0460538	1292.032	.1168621	.0605122
#3	5.572996	.0044985	.0464677	1284.512	.1158718	.0611589

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7128286	214.4857	3.151584	742.1304	.1526327	.0109489
Stddev	.0008044	1.6170	.009934	5.0838	.0004283	.0004968
%RSD	.1128400	.7538869	.3152143	.6850318	.2805900	4.537116

#1	.7134543	212.7288	3.163015	736.9046	.1521462	.0113084
#2	.7119213	214.8167	3.145039	742.4273	.1529528	.0103821
#3	.7131102	215.9116	3.146697	747.0592	.1527990	.0111562

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.339926	.1864828	21.91432	-.421155	.9151931	-.018233
Stddev	.215340	.0077990	.19761	.059234	.0085549	.002430
%RSD	9.202867	4.182157	.9017180	14.06462	.9347644	13.32618

#1	2.244398	.1790356	21.75247	-.427611	.9194900	-.020834
#2	2.188876	.1858213	22.13453	-.358957	.9207479	-.016021
#3	2.586505	.1945914	21.85594	-.476896	.9053415	-.017845

Sample Name: M3191-06 Acquired: 08/10/2021 13:22:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083863	87.65122	2.802153	.0457943	.3040704	.0311620
Stddev	.0002728	.10061	.017588	.0020242	.0026944	.0015244
%RSD	3.253252	.1147901	.6276561	4.420291	.8861169	4.891915

#1	.0085398	87.61276	2.791440	.0434936	.3023653	.0297425
#2	.0080713	87.76539	2.792568	.0465873	.3071767	.0327732
#3	.0085478	87.57551	2.822452	.0473019	.3026691	.0309702

Elem	Sr4077
Units	ppm
Avg	.5056003
Stddev	.0010401
%RSD	.2057071

#1	.5049753
#2	.5068009
#3	.5050247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1371.063	28404.61	8027.574	795.3960	1627.879
Stddev	3.136	62.87	24.377	3.7307	1.230
%RSD	.2287105	.2213343	.3036614	.4690342	.0755831

#1	1370.724	28336.90	8041.041	796.5449	1628.095
#2	1374.354	28415.77	8042.246	791.2260	1628.986
#3	1368.110	28461.15	7999.435	798.4171	1626.554

Sample Name: M3191-07 Acquired: 08/10/2021 13:26:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1748142	-.018647	32.29268	.0501125	.0178293	177.5778
Stddev	.0054640	.004770	.02124	.0050691	.0043339	.5858
%RSD	3.125606	25.57894	.0657830	10.11534	24.30739	.3298582

#1	.1735909	-.022294	32.28570	.0446160	.0142559	176.9903
#2	.1700655	-.013249	32.27581	.0546034	.0165821	177.5814
#3	.1807861	-.020398	32.31654	.0511179	.0226501	178.1618

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.98025	.0203625	.0117448	356.8045	.2787268	.1034665
Stddev	.09754	.0001773	.0002254	.9783	.0002125	.0005952
%RSD	.2502402	.8708289	1.919523	.2741770	.0762374	.5752302

#1	38.90389	.0203416	.0116232	355.6957	.2788544	.1038261
#2	39.09014	.0201966	.0120050	357.1717	.2788446	.1027795
#3	38.94673	.0205494	.0116063	357.5460	.2784815	.1037940

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4227413	317.3587	5.202888	187.6325	.2331411	.0142123
Stddev	.0011618	.9282	.016648	.5551	.0002009	.0003164
%RSD	.2748315	.2924734	.3199752	.2958225	.0861675	2.226405

#1	.4232511	316.7714	5.184214	187.2197	.2331043	.0141660
#2	.4235612	316.8758	5.208272	187.4142	.2329611	.0139216
#3	.4214118	318.4287	5.216177	188.2635	.2333578	.0145493

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969876	.6043362	6.397934	8.895174	3.102586	-.020095
Stddev	.070733	.0034597	.041016	.043711	.005141	.007039
%RSD	3.590713	.5724755	.6410878	.4914008	.1657050	35.02628

#1	1.911472	.6075618	6.351892	8.891985	3.096743	-.025063
#2	2.048523	.6047645	6.430573	8.853146	3.106417	-.012041
#3	1.949633	.6006823	6.411336	8.940393	3.104597	-.023182

Sample Name: M3191-07 Acquired: 08/10/2021 13:26:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115638	12.34083	6.430942	.0312193	.6549610	.0806193
Stddev	.0011257	.04118	.044581	.0018668	.0028790	.0010718
%RSD	9.734937	.3336593	.6932322	5.979779	.4395708	1.329477

#1	.0127282	12.31137	6.466872	.0296316	.6517594	.0793834
#2	.0114821	12.38788	6.381051	.0332759	.6573370	.0811812
#3	.0104812	12.32323	6.444903	.0307504	.6557867	.0812934

Elem	Sr4077
Units	ppm
Avg	.0347088
Stddev	.0007177
%RSD	2.067922

#1	.0344365
#2	.0355228
#3	.0341670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.669	36473.03	10365.84	1034.604	1794.368
Stddev	3.082	80.37	22.82	2.980	1.594
%RSD	.1708999	.2203614	.2201412	.2880037	.0888324

#1	1803.369	36543.36	10347.24	1036.602	1795.463
#2	1806.891	36490.31	10391.31	1031.179	1795.101
#3	1800.748	36385.43	10358.98	1036.031	1792.539

Sample Name: M3191-08 Acquired: 08/10/2021 13:30:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686944	-.008811	2.925689	.0263435	.0015465	56.31890	13.05444
Stddev	.0028240	.001671	.003043	.0023399	.0038822	.08861	.09859
%RSD	4.110942	18.96135	.1039979	8.882250	251.0338	.1573387	.7552371

#1	.0686757	-.010585	2.922575	.0276322	-.000623	56.32176	13.16448
#2	.0658798	-.007267	2.925837	.0277557	.006028	56.22890	12.97415
#3	.0715276	-.008583	2.928655	.0236425	-.000766	56.40605	13.02468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065953	.0144355	65.97351	.1470360	.1202093	.1771595	143.5183
Stddev	.0000434	.0000863	.21809	.0005580	.0009974	.0010713	.3078
%RSD	.6588686	.5980395	.3305791	.3794823	.8297192	.6046999	.2144742

#1	.0065451	.0145038	65.98592	.1476343	.1213607	.1772618	143.8225
#2	.0066207	.0144642	65.74948	.1469438	.1196579	.1760407	143.2070
#3	.0066200	.0143385	66.18513	.1465298	.1196094	.1781759	143.5255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.982871	28.84968	.1123213	.0063301	.7902111	.2547026	2.272594
Stddev	.015167	.03813	.0005955	.0000726	.1838028	.0021851	.020259
%RSD	.1688381	.1321575	.5301449	1.146644	23.25997	.8579224	.8914582

#1	8.977818	28.86327	.1127440	.0064112	.6240992	.2551118	2.285160
#2	8.970876	28.80662	.1125795	.0062713	.9876725	.2566542	2.283399
#3	8.999919	28.87914	.1116403	.0063078	.7588615	.2523418	2.249223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.140661	8.351107	.0266636	.0066730	6.980529	6.658570	.0140230
Stddev	.008375	.008023	.0006198	.0004239	.005617	.050285	.0027935
%RSD	.1172883	.0960762	2.324473	6.352516	.0804662	.7551969	19.92056

#1	7.131120	8.344616	.0273732	.0066724	6.981087	6.618089	.0137886
#2	7.144066	8.360078	.0263891	.0062495	6.974654	6.642761	.0113542
#3	7.146797	8.348627	.0262285	.0070973	6.985846	6.714860	.0169263

Sample Name: M3191-08 Acquired: 08/10/2021 13:30:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.464463	.0314228	.0392500
Stddev	.001588	.0014732	.0003024
%RSD	.1084485	4.688210	.7703147

#1	1.463007	.0330798	.0389020
#2	1.464226	.0302611	.0394001
#3	1.466156	.0309275	.0394479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.199	33097.50	9267.439	963.4961	1988.021
Stddev	5.336	58.21	42.861	5.0860	2.892
%RSD	.3185575	.1758831	.4624867	.5278662	.1454909

#1	1669.090	33069.18	9315.467	964.7908	1985.815
#2	1678.949	33058.88	9253.771	957.8879	1991.296
#3	1677.558	33164.46	9233.080	967.8095	1986.952

Sample Name: M3191-09 Acquired: 08/10/2021 13:34:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z3D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648461	-.009992	2.931748	.0298879	.0051744	56.43190	13.04016
Stddev	.0028619	.002480	.021959	.0049833	.0032619	.10720	.08805
%RSD	4.413396	24.81975	.7489948	16.67320	63.03794	.1899632	.6752177

#1	.0616599	-.008005	2.939370	.0329232	.0035223	56.32035	13.13255
#2	.0656799	-.009200	2.906995	.0241367	.0030692	56.53414	12.95721
#3	.0671985	-.012772	2.948881	.0326039	.0089318	56.44121	13.03072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067060	.0142095	66.09467	.1479739	.1214527	.1764601	143.8707
Stddev	.0001427	.0003228	.01879	.0010233	.0004748	.0013364	.1702
%RSD	2.127158	2.271420	.0284249	.6915464	.3908943	.7573101	.1183325

#1	.0066358	.0138559	66.11571	.1469498	.1214725	.1776520	143.7443
#2	.0066120	.0144883	66.07957	.1489964	.1209683	.1750154	143.8035
#3	.0068701	.0142842	66.08874	.1479755	.1219172	.1767130	144.0643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.979115	28.93849	.1122205	.0062966	.7016997	.2580075	2.262271
Stddev	.004905	.03052	.0001168	.0006486	.1265782	.0017344	.001529
%RSD	.0546276	.1054755	.1041038	10.30080	18.03880	.6722100	.0675810

#1	8.973549	28.97337	.1120873	.0060390	.6165460	.2565496	2.260539
#2	8.980986	28.92537	.1122687	.0058164	.8471535	.2575472	2.262845
#3	8.982808	28.91671	.1123055	.0070345	.6413996	.2599255	2.263430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.110938	8.328377	.0283306	.0064870	6.934153	6.683056	.0101701
Stddev	.014690	.056901	.0014329	.0005779	.045575	.036622	.0009269
%RSD	.2065766	.6832235	5.057597	8.908233	.6572582	.5479790	9.113739

#1	7.103007	8.287339	.0271459	.0059698	6.910237	6.702281	.0108565
#2	7.127889	8.304458	.0279226	.0071108	6.905513	6.706061	.0105380
#3	7.101920	8.393334	.0299232	.0063804	6.986708	6.640825	.0091157

Sample Name: M3191-09 Acquired: 08/10/2021 13:34:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.466347	.0319049	.0391324
Stddev	.003344	.0012862	.0005854
%RSD	.2280189	4.031330	1.495848

#1	1.462490	.0327121	.0388450
#2	1.468141	.0304217	.0398059
#3	1.468411	.0325811	.0387463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.704	33137.63	9246.698	967.4335	1990.617
Stddev	3.525	118.34	12.088	3.3494	6.010
%RSD	.2104591	.3571269	.1307260	.3462112	.3018922

#1	1671.852	33151.26	9249.890	971.1649	1987.183
#2	1678.644	33248.57	9256.870	966.4485	1997.556
#3	1673.615	33013.07	9233.335	964.6870	1987.112

Sample Name: M3191-08LX5 Acquired: 08/10/2021 13:43:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160699	.0003424	.5673923	.0043635	-.001206	11.58058	2.707611
Stddev	.0052795	.0015199	.0048261	.0043817	.000627	.02790	.003997
%RSD	32.85309	443.9365	.8505742	100.4182	51.95250	.2409461	.1476284

#1	.0116625	.0014920	.5729529	.0057914	-.001891	11.55062	2.708423
#2	.0146262	.0009160	.5642950	.0078531	-.000660	11.58529	2.703270
#3	.0219211	-.001381	.5649289	-.000554	-.001069	11.60582	2.711140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014580	.0028148	13.69044	.0310691	.0229978	.0398943	29.96606
Stddev	.0000535	.0000720	.01891	.0000432	.0001363	.0011267	.12715
%RSD	3.668298	2.556925	.1381433	.1389562	.5924645	2.824240	.4243070

#1	.0014940	.0028914	13.68735	.0310300	.0229061	.0398792	29.97678
#2	.0013966	.0027485	13.67327	.0311154	.0229329	.0387753	30.08751
#3	.0014835	.0028047	13.71071	.0310619	.0231544	.0410285	29.83390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.882778	5.961739	.0221924	.0014955	.1614147	.0534970	.4623548
Stddev	.005359	.032431	.0003698	.0003283	.1053811	.0030235	.0027273
%RSD	.2846524	.5439824	1.666422	21.95361	65.28592	5.651658	.5898640

#1	1.879715	5.971030	.0222002	.0017266	.1606736	.0550537	.4592057
#2	1.879652	5.988511	.0218186	.0011197	.2671643	.0500124	.4639482
#3	1.888966	5.925677	.0225582	.0016402	.0564061	.0554249	.4639105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.239894	1.641185	.0054221	.0014794	1.350632	1.399923	.0024158
Stddev	.032647	.002132	.0006491	.0005085	.011936	.009223	.0025330
%RSD	2.633056	.1298918	11.97095	34.36876	.8836986	.6587948	104.8534

#1	1.270728	1.641658	.0060268	.0011090	1.337182	1.405272	.0048035
#2	1.205694	1.638856	.0047363	.0020591	1.359961	1.389274	-.000241
#3	1.243258	1.643040	.0055032	.0012701	1.354752	1.405223	.002685

Sample Name: M3191-08LX5 Acquired: 08/10/2021 13:43:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3026594	.0048162	.0080369
Stddev	.0016400	.0007310	.0001574
%RSD	.5418526	15.17837	1.957863

#1	.3013632	.0056197	.0080994
#2	.3021119	.0041904	.0078579
#3	.3045031	.0046385	.0081534

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1587.086	30942.43	8548.935	905.6549	2016.792
Stddev	1.351	40.53	57.295	4.3665	3.159
%RSD	.0851115	.1309994	.6702036	.4821332	.1566544

#1	1586.962	30968.12	8483.542	905.6950	2014.935
#2	1585.802	30895.70	8572.938	901.2685	2020.440
#3	1588.495	30963.46	8590.326	910.0012	2015.001

Sample Name: M3191-11 Acquired: 08/10/2021 13:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6015362	-.011650	21.33032	.1074102	.0148084	135.9906
Stddev	.0052013	.002736	.01668	.0056003	.0022111	.1863
%RSD	.8646604	23.48303	.0782105	5.213969	14.93154	.1370225

#1	.5971176	-.014109	21.31998	.1011843	.0162445	135.8369
#2	.6002228	-.008703	21.34957	.1090094	.0122622	135.9370
#3	.6072683	-.012137	21.32142	.1120370	.0159185	136.1978

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 30.14699	.0177039	.0045433	74.37047	.3001239	.2353780
Stddev	.18871	.0001291	.0002234	.19268	.0009397	.0012714
%RSD	.6259804	.7293463	4.916177	.2590843	.3130939	.5401690

#1	30.11415	.0178052	.0046968	74.20349	.2992377	.2346634
#2	30.34997	.0175585	.0042870	74.32662	.3011092	.2368460
#3	29.97686	.0177479	.0046460	74.58130	.3000248	.2346247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4427938	590.8435	11.45923	43.20780	.5448348	.0277944
Stddev	.0015583	.3253	.01543	.08576	.0026950	.0001282
%RSD	.3519172	.0550537	.1346655	.1984825	.4946370	.4611744

#1	.4419159	591.1435	11.44441	43.23786	.5418106	.0279402
#2	.4418725	590.8892	11.45806	43.27449	.5457118	.0276996
#3	.4445930	590.4978	11.47521	43.11106	.5469821	.0277434

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.236909	.8124109	9.708912	8.062809	4.746489	-.003737
Stddev	.093461	.0024065	.026622	.067744	.005372	.006543
%RSD	4.178136	.2962162	.2742035	.8401991	.1131707	175.1072

#1	2.258084	.8151750	9.708265	8.139900	4.741255	-.003693
#2	2.134677	.8112763	9.735852	8.012775	4.746225	.002784
#3	2.317966	.8107816	9.682619	8.035754	4.751988	-.010302

Sample Name: M3191-11 Acquired: 08/10/2021 13:47:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153262	8.704983	10.05269	.0207753	1.745276	.0687355
Stddev	.0011169	.021143	.02334	.0026407	.003722	.0015279
%RSD	7.287570	.2428881	.2321506	12.71091	.2132341	2.222862

#1	.0163043	8.707270	10.07528	.0178156	1.744030	.0704343
#2	.0155652	8.724889	10.02867	.0228906	1.742337	.0674740
#3	.0141092	8.682789	10.05412	.0216197	1.749461	.0682980

Elem	Sr4077
Units	ppm
Avg	-.379930
Stddev	.000571
%RSD	.1502561

#1	-.380250
#2	-.380268
#3	-.379270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.810	34306.88	9580.060	986.9580	1928.906
Stddev	1.639	10.86	11.254	3.1780	2.854
%RSD	.0953709	.0316448	.1174681	.3219964	.1479410

#1	1719.082	34305.63	9567.479	984.7336	1932.012
#2	1720.296	34318.31	9583.532	985.5427	1928.306
#3	1717.051	34296.71	9589.168	990.5978	1926.400

Sample Name: M3191-12 Acquired: 08/10/2021 13:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858887	-.014178	19.76017	.1065961	.0165813	136.6111
Stddev	.0072164	.001268	.01475	.0029006	.0020932	.4163
%RSD	1.485191	8.946441	.0746443	2.721068	12.62383	.3047112

#1	.4800040	-.012829	19.77069	.1036968	.0163338	136.3059
#2	.4939403	-.014360	19.74331	.1094979	.0146228	136.4421
#3	.4837219	-.015346	19.76651	.1065936	.0187872	137.0853

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.59345	.0171531	.0041390	79.83515	.2967206	.2163245
Stddev	.29170	.0004038	.0001285	.19176	.0004423	.0001617
%RSD	.8949519	2.353903	3.105197	.2401918	.1490559	.0747452

#1	32.26302	.0168656	.0041116	79.61821	.2967726	.2161457
#2	32.81522	.0176148	.0040264	79.90521	.2971347	.2163673
#3	32.70211	.0169791	.0042791	79.98202	.2962547	.2164605

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4000208	539.0864	10.60770	46.30625	.4988618	.0249575
Stddev	.0037868	2.3353	.02840	.25607	.0009675	.0002194
%RSD	.9466485	.4331991	.2677277	.5530008	.1939392	.8790876

#1	.3974450	536.9479	10.57994	46.05066	.4985784	.0247199
#2	.3982488	538.7330	10.60646	46.30526	.4980676	.0251524
#3	.4043688	541.5782	10.63670	46.56281	.4999393	.0250003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.980007	.7786893	8.724052	8.337418	4.780080	.0047720
Stddev	.179872	.0010406	.041925	.017304	.003876	.0110275
%RSD	9.084401	.1336362	.4805657	.2075478	.0810770	231.0870

#1	1.898582	.7776035	8.683056	8.348117	4.778128	.0117482
#2	1.855247	.7787867	8.766848	8.317454	4.777569	-.007941
#3	2.186193	.7796778	8.722253	8.346683	4.784544	.010509

Sample Name: M3191-12 Acquired: 08/10/2021 13:51:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132500	9.268545	9.267496	.0184620	1.844270	.0706330
Stddev	.0000395	.010674	.044415	.0009194	.007854	.0005985
%RSD	.2977864	.1151631	.4792560	4.979993	.4258473	.8473653

#1	.0132475	9.261226	9.216427	.0178004	1.838139	.0702837
#2	.0132906	9.280793	9.288950	.0195118	1.841549	.0713241
#3	.0132119	9.263617	9.297112	.0180738	1.853123	.0702913

Elem	Sr4077
Units	ppm
Avg	-.311699
Stddev	.002300
%RSD	.7378839

#1	-.309631
#2	-.311291
#3	-.314176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.636	34205.42	9557.962	979.0726	1924.753
Stddev	2.353	21.17	32.070	2.7735	1.051
%RSD	.1375328	.0618905	.3355348	.2832734	.0545869

#1	1708.441	34184.15	9590.960	981.6987	1923.740
#2	1713.120	34226.49	9556.020	976.1722	1924.683
#3	1710.348	34205.63	9526.907	979.3468	1925.838

Sample Name: PB138036BS Acquired: 08/10/2021 13:55:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218444	.0520498	.0237191	.0764575	.1282276	.4193525
Stddev	.0023390	.0055161	.0033998	.0036150	.0036034	.0094505
%RSD	10.70755	10.59766	14.33367	4.728095	2.810202	2.253582

#1	.0191511	.0463990	.0254604	.0782651	.1272306	.4085426
#2	.0233662	.0523298	.0258955	.0722953	.1322246	.4234647
#3	.0230157	.0574205	.0198014	.0788122	.1252276	.4260502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4175535	.0116227	.0108442	10.43828	.0227069	.1024735
Stddev	.0011675	.0000557	.0000985	.02846	.0008597	.0003326
%RSD	.2796057	.4790038	.9080355	.2726632	3.786010	.3245471

#1	.4167418	.0115594	.0108079	10.41924	.0217582	.1020907
#2	.4170272	.0116639	.0109556	10.42459	.0229282	.1026381
#3	.4188915	.0116449	.0107690	10.47099	.0234343	.1026917

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570243	.2502140	.0325768	10.16069	.0833407	.0196864
Stddev	.0017087	.0155058	.0005737	.06765	.0002542	.0007014
%RSD	2.996391	6.197007	1.761060	.6657736	.3050438	3.562652

#1	.0577716	.2591636	.0324685	10.08378	.0835911	.0191304
#2	.0550693	.2591689	.0331969	10.21098	.0833481	.0194544
#3	.0582320	.2323095	.0320649	10.18730	.0830828	.0204743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.981797	.1154530	.1190959	9.702928	.0196448	F .2113102
Stddev	.100796	.0023100	.0022718	.051667	.0030860	.0018363
%RSD	1.009802	2.000788	1.907554	.5324878	15.70885	.8690025

#1	10.04486	.1144465	.1215109	9.749328	.0187705	.2097722
#2	9.86555	.1180955	.1170013	9.712203	.0170903	.2133433
#3	10.03498	.1138170	.1187753	9.647251	.0230736	.2108152

Sample Name: PB138036BS Acquired: 08/10/2021 13:55:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS036 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214332	.1983381	.2016763	.0120831	.2227902	.0287847
Stddev	.0004916	.0063339	.0001027	.0007031	.0004660	.0007911
%RSD	2.293591	3.193510	.0509395	5.819098	.2091522	2.748411

#1	.0215384	.1953889	.2015577	.0118405	.2223383	.0283395
#2	.0208976	.2056089	.2017372	.0128754	.2227632	.0296981
#3	.0218637	.1940166	.2017340	.0115334	.2232691	.0283164

Elem	Sr4077
Units	ppm
Avg	.2272297
Stddev	.0004396
%RSD	.1934524

#1	.2267383
#2	.2275856
#3	.2273650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.657	30238.01	8334.615	886.2124	2016.105
Stddev	3.193	78.49	32.950	8.0675	1.542
%RSD	.2061477	.2595825	.3953356	.9103309	.0764845

#1	1546.289	30149.48	8337.007	876.9952	2014.663
#2	1552.288	30299.10	8300.534	889.6519	2017.731
#3	1547.395	30265.46	8366.303	891.9900	2015.922

Sample Name: M3189-03 Acquired: 08/10/2021 13:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2206992	.0908404	5.993256	.2779807	.2099200	87.40363
Stddev	.0039481	.0046777	.021357	.0063082	.0013529	.08226
%RSD	1.788901	5.149367	.3563537	2.269308	.6445052	.0941188

#1	.2252526	.0959950	6.016300	.2849293	.2113907	87.46616
#2	.2186163	.0868654	5.989340	.2763991	.2087282	87.43430
#3	.2182288	.0896607	5.974128	.2726138	.2096412	87.31044

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.01221	.1167924	.1264884	145.1555	.7180565	1.163074
Stddev	.14191	.0005234	.0001682	.2130	.0025133	.002754
%RSD	.4432982	.4481006	.1329527	.1467151	.3500130	.2367707

#1	31.85311	.1173898	.1263042	145.3331	.7189090	1.166091
#2	32.05777	.1165732	.1266339	145.2140	.7200326	1.162437
#3	32.12574	.1164143	.1265269	144.9194	.7152278	1.160695

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9024463	291.0364	8.176094	37.77882	1.249393	.1076501
Stddev	.0131157	.0909	.014584	.11588	.006987	.0007166
%RSD	1.453353	.0312419	.1783762	.3067348	.5592079	.6656830

#1	.9133731	291.1049	8.190892	37.66020	1.257208	.1084630
#2	.9060645	290.9332	8.175657	37.78451	1.247220	.1071099
#3	.8879013	291.0710	8.161734	37.89175	1.243752	.1073773

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.574861	1.520539	7.082178	9.031338	5.713161	.0387544
Stddev	.198817	.018955	.022870	.031536	.010546	.0049413
%RSD	12.62444	1.246596	.3229249	.3491816	.1845998	12.75034

#1	1.531835	1.541497	7.099681	8.997454	5.702309	.0395853
#2	1.791669	1.515523	7.056302	9.059831	5.713801	.0334503
#3	1.401080	1.504596	7.090553	9.036729	5.723373	.0432276

Sample Name: M3189-03 Acquired: 08/10/2021 13:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135706	10.11337	8.032754	.0256558	1.515264	.0690020
Stddev	.0005500	.02583	.037327	.0033634	.001761	.0010377
%RSD	4.053036	.2553856	.4646857	13.10953	.1162139	1.503823

#1	.0131892	10.08552	8.032413	.0289745	1.516137	.0696243
#2	.0133216	10.11804	8.070250	.0222495	1.513237	.0695776
#3	.0142011	10.13654	7.995599	.0257435	1.516418	.0678041

Elem	Sr4077
Units	ppm
Avg	.2139126
Stddev	.0009889
%RSD	.4622786

#1	.2144220
#2	.2145429
#3	.2127729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1643.349	32702.49	9110.374	946.5425	1953.243
Stddev	2.439	91.59	22.918	1.4175	3.899
%RSD	.1484342	.2800832	.2515621	.1497519	.1996142

#1	1640.611	32799.95	9132.151	947.4317	1949.439
#2	1644.146	32618.18	9086.463	947.2879	1957.230
#3	1645.290	32689.34	9112.507	944.9079	1953.060

Sample Name: CCV053 Acquired: 08/10/2021 14:03:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082055	4.912780	25.07470	5.199845	5.140442	414.4169	10.14296
Stddev	.006978	.007728	.03399	.018608	.002147	3.8049	.05555
%RSD	.1373022	.1573085	.1355689	.3578573	.0417695	.9181300	.5476422

#1	5.076649	4.905467	25.10295	5.179677	5.141070	410.7134	10.19073
#2	5.089932	4.912006	25.08417	5.203510	5.138051	414.2217	10.08201
#3	5.079583	4.920865	25.03697	5.216347	5.142206	418.3156	10.15615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5182639	2.525793	398.3465	15.35962	2.527746	15.35893	422.3814
Stddev	.0017591	.000897	.5747	.02581	.005934	.03392	1.3134
%RSD	.3394317	.0355004	.1442803	.1680391	.2347385	.2208368	.3109519

#1	.5202766	2.524939	397.7573	15.33564	2.532961	15.39102	421.4898
#2	.5174948	2.525714	398.9056	15.35628	2.528988	15.32344	421.7649
#3	.5170202	2.526727	398.3766	15.38693	2.521290	15.36232	423.8897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70848	414.1247	2.504152	1.278224	411.6096	2.619077	15.63743
Stddev	.02608	1.0970	.006046	.004104	.2665	.002554	.02610
%RSD	.1772998	.2648968	.2414388	.3211080	.0647441	.0975314	.1669266

#1	14.69228	413.3264	2.510800	1.278322	411.3676	2.618867	15.60935
#2	14.73856	413.6722	2.498982	1.274072	411.8952	2.616634	15.66095
#3	14.69459	415.3756	2.502674	1.282279	411.5659	2.621730	15.64199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3553	5.374143	5.161529	5.047925	5.299384	5.114293	5.070268
Stddev	.5871	.018362	.011028	.012715	.006353	.020157	.005907
%RSD	.3755040	.3416658	.2136553	.2518878	.1198900	.3941253	.1165028

#1	157.0003	5.393312	5.171846	5.043592	5.300146	5.122503	5.076159
#2	155.8520	5.372403	5.162834	5.037943	5.305322	5.129049	5.070299
#3	156.2134	5.356713	5.149906	5.062240	5.292684	5.091327	5.064345

Sample Name: CCV053 Acquired: 08/10/2021 14:03:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.208039	5.257349	5.027523
Stddev	.008359	.006290	.016028
%RSD	.1605011	.1196429	.3188101

#1	5.198438	5.257223	5.014615
#2	5.211986	5.251123	5.022490
#3	5.213694	5.263701	5.045463

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.442	28071.01	7991.658	753.4029	1632.838
Stddev	2.729	78.74	10.757	2.4055	3.399
%RSD	.2039270	.2805062	.1345999	.3192866	.2081865

#1	1337.850	28145.46	7979.907	753.5454	1628.919
#2	1341.419	28079.00	7994.046	750.9294	1634.999
#3	1336.057	27988.59	8001.019	755.7340	1634.594

Sample Name: CCB053 Acquired: 08/10/2021 14:08:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004966	-.001693	.0048927	-.006257	-.000078	.0109214
Stddev	.003447	.002843	.0014324	.002717	.003736	.0063856
%RSD	69.40660	167.8740	29.27655	43.42382	4807.824	58.46902

#1	-.003642	.000812	.0035172	-.003159	-.004301	.0125136
#2	-.002378	-.004782	.0047849	-.008237	.002795	.0163602
#3	-.008879	-.001110	.0063760	-.007374	.001273	.0038903

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003057	.0000315	.0000973	.0164221	.0002640	.0002376
Stddev	.000620	.0000711	.0000438	.0090478	.0004033	.0000742
%RSD	20.27481	225.6875	44.99725	55.09565	152.7668	31.24679

#1	-.003181	-.000030	.0001363	.0068492	.0005047	.0002138
#2	-.003606	.000109	.0001056	.0175843	.0004889	.0003208
#3	-.002385	.000015	.0000499	.0248326	-.000202	.0001781

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029484	.0211746	.0002505	.0228449	-.000044	.0001613
Stddev	.0008092	.0113622	.0002379	.0155293	.000502	.0005383
%RSD	27.44668	53.65987	94.95309	67.97715	1131.090	333.6545

#1	.0038825	.0246094	-.000019	.0052014	-.000559	.0006115
#2	.0025026	.0304231	.000433	.0344397	-.000018	.0003076
#3	.0024601	.0084912	.000337	.0288937	.000444	-.000435

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.213981	.0009985	-.001375	-.099589	-.003008	F .0103843
Stddev	.097177	.0016086	.001874	.038660	.002191	.0001814
%RSD	45.41405	161.1036	136.3218	38.81925	72.86267	1.747067

#1	-.296465	.0010219	-.003534	-.132525	-.002272	.0104446
#2	-.238622	.0025952	-.000170	-.057025	-.005472	.0101805
#3	-.106855	-.000622	-.000420	-.109217	-.001278	.0105280

Sample Name: CCB053 Acquired: 08/10/2021 14:08:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014723	-.003801	-.000422	.0004393	.0003548	.0024022
Stddev	.0005616	.002187	.002063	.0032815	.0005359	.0015442
%RSD	38.14719	57.52880	488.8388	746.9633	151.0323	64.28117

#1	.0019151	-.003219	-.001454	.0042078	-.000236	.0011226
#2	.0016613	-.006220	.001953	-.001787	.000491	.0041173
#3	.0008405	-.001964	-.001765	-.001103	.000810	.0019667

Elem	Sr4077
Units	ppm
Avg	.0000391
Stddev	.0000499
%RSD	127.7898

#1	-.000019
#2	.000069
#3	.000067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.816	30192.55	8399.992	885.1386	2001.297
Stddev	2.736	37.19	21.563	2.0549	1.834
%RSD	.1760593	.1231696	.2567074	.2321538	.0916546

#1	1553.821	30171.67	8422.111	887.4933	2003.372
#2	1551.078	30235.49	8398.834	884.2144	2000.628
#3	1556.550	30170.50	8379.031	883.7082	1999.891

Sample Name: M3189-03DLX2 Acquired: 08/10/2021 14:20:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023363	.0514314	2.769533	.0920513	.0505689	42.21356	16.19849
Stddev	.0039915	.0041687	.012436	.0032630	.0017273	.10589	.05118
%RSD	3.900398	8.105410	.4490222	3.544728	3.415795	.2508356	.3159524

#1	.0988196	.0485182	2.765199	.0885780	.0490475	42.09340	16.17511
#2	.1066747	.0562066	2.759844	.0950524	.0502126	42.29323	16.25719
#3	.1015147	.0495695	2.783556	.0925236	.0524466	42.25404	16.16318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711250	.0713662	74.14296	.4274707	.6846635	.5222795	137.5274
Stddev	.0001585	.0003238	.13442	.0008930	.0015763	.0014275	.5931
%RSD	.2228535	.4537719	.1813040	.2089045	.2302244	.2733171	.4312683

#1	.0711041	.0713305	74.04584	.4283130	.6844366	.5233480	136.8465
#2	.0712929	.0710616	74.29638	.4275647	.6832130	.5228322	137.8037
#3	.0709780	.0717064	74.08666	.4265344	.6863409	.5206583	137.9319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.685757	17.99128	.7309866	.0565742	.6250206	.8303565	3.343947
Stddev	.005123	.11346	.0030290	.0002733	.3106806	.0044618	.023268
%RSD	.1390031	.6306355	.4143655	.4830537	49.70726	.5373330	.6958294

#1	3.683648	17.89837	.7284121	.0563114	.3107530	.8270075	3.318510
#2	3.682024	18.11773	.7302236	.0565543	.9319855	.8354215	3.364157
#3	3.691598	17.95775	.7343241	.0568569	.6323232	.8286405	3.349176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.023630	2.525548	.0306573	.0066643	4.521997	4.405794	.0144688
Stddev	.061073	.014287	.0020925	.0004484	.028232	.008997	.0041141
%RSD	1.517854	.5656799	6.825598	6.729144	.6243272	.2042094	28.43420

#1	3.958397	2.522679	.0291051	.0061805	4.499448	4.408034	.0102209
#2	4.079449	2.541051	.0298297	.0067463	4.512882	4.413460	.0184345
#3	4.033045	2.512914	.0330371	.0070661	4.553660	4.395889	.0147510

Sample Name: M3189-03DLX2 Acquired: 08/10/2021 14:20:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6832555	.0310552	.1186105
Stddev	.0023189	.0018185	.0002388
%RSD	.3393865	5.855631	.2013061

#1	.6806334	.0289911	.1188453
#2	.6850364	.0324209	.1183680
#3	.6840967	.0317537	.1186183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1591.972	31350.89	8699.889	915.4962	1986.663
Stddev	1.782	55.70	17.788	.6020	3.047
%RSD	.1119274	.1776798	.2044609	.0657560	.1533897

#1	1593.634	31295.94	8709.217	915.1175	1988.127
#2	1590.091	31407.31	8711.072	916.1904	1988.701
#3	1592.190	31349.43	8679.377	915.1808	1983.160

Sample Name: M3189-01LDLX10 Acquired: 08/10/2021 14:24:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165743	-.003135	.5811761	.0045720	.0001115	8.628128	2.895233
Stddev	.0060955	.003022	.0009663	.0071336	.0037316	.013068	.002424
%RSD	36.77658	96.40976	.1662737	156.0269	3345.735	.1514589	.0837325

#1	.0235229	.000270	.5801492	-.003655	-.001387	8.617313	2.896913
#2	.0121291	-.004172	.5820675	.009046	.004359	8.624422	2.896331
#3	.0140710	-.005501	.5813117	.008325	-.002638	8.642649	2.892454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010927	.0020889	15.14226	.0322129	.0114805	.0418476	31.15293
Stddev	.0001138	.0001394	.02004	.0004404	.0003885	.0006515	.07822
%RSD	10.41248	6.674111	.1323238	1.367240	3.383841	1.556721	.2510843

#1	.0012240	.0019317	15.12363	.0322619	.0110341	.0425940	31.19166
#2	.0010236	.0021977	15.16346	.0326268	.0116657	.0413934	31.06290
#3	.0010304	.0021373	15.13969	.0317500	.0117417	.0415554	31.20423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7642757	3.995569	.0190143	.0011245	.1874165	.0469419	.6258320
Stddev	.0019158	.014137	.0005655	.0003216	.2018947	.0020501	.0032882
%RSD	.2506717	.3538122	2.974277	28.59997	107.7251	4.367325	.5254107

#1	.7620635	4.004802	.0184641	.0007535	-.003838	.0461253	.6295091
#2	.7653821	4.002611	.0195940	.0012954	.398490	.0454260	.6248129
#3	.7653815	3.979294	.0189848	.0013245	.167597	.0492745	.6231740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6678279	.5525341	.0087525	.0012802	.9408625	.9076659	.0025459
Stddev	.0596998	.0060035	.0004720	.0004933	.0054230	.0049313	.0015867
%RSD	8.939402	1.086538	5.392811	38.53087	.5763856	.5432987	62.32334

#1	.6837818	.5477843	.0088112	.0010619	.9424515	.9133494	.0040467
#2	.7179300	.5505363	.0091923	.0018450	.9453134	.9051260	.0027057
#3	.6017719	.5592818	.0082538	.0009338	.9348225	.9045221	.0008854

Sample Name: M3189-01LDLX10 Acquired: 08/10/2021 14:24:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1608656	.0043137	.0220312
Stddev	.0006239	.0014335	.0001520
%RSD	.3878177	33.23217	.6900700

#1	.1601631	.0028085	.0220707
#2	.1613549	.0056628	.0221597
#3	.1610788	.0044698	.0218634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.405	30546.67	8397.305	895.0860	2009.085
Stddev	1.284	22.44	31.316	4.5010	1.591
%RSD	.0818170	.0734460	.3729244	.5028608	.0792020

#1	1567.926	30569.90	8361.147	890.7129	2008.138
#2	1570.065	30544.98	8415.757	899.7049	2010.922
#3	1570.225	30525.12	8415.010	894.8404	2008.196

Sample Name: M3189-05DLX2 Acquired: 08/10/2021 14:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566266	-.002216	2.418754	.0266408	.0026462	42.99241	10.68343
Stddev	.0021748	.001877	.011237	.0062581	.0011444	.12655	.00747
%RSD	3.840673	84.71921	.4645745	23.49053	43.24741	.2943600	.0699183

#1	.0541594	-.001634	2.409334	.0327257	.0036858	43.09900	10.68573
#2	.0582662	-.000698	2.415736	.0202229	.0014199	42.85255	10.68948
#3	.0574541	-.004315	2.431192	.0269738	.0028329	43.02569	10.67508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057706	.0061522	190.1963	.1262118	.1037399	.2713733	151.9210
Stddev	.0001388	.0000894	.0910	.0002729	.0010157	.0004354	1.0572
%RSD	2.405346	1.453075	.0478604	.2161885	.9790346	.1604412	.6958572

#1	.0057883	.0062092	190.2651	.1265268	.1027372	.2718749	152.5300
#2	.0056238	.0061983	190.2308	.1260544	.1047680	.2711514	150.7004
#3	.0058997	.0060492	190.0931	.1260540	.1037145	.2710935	152.5327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.241158	76.00550	.0886762	.0073180	.6624950	.1843783	3.919561
Stddev	.002263	.72390	.0004747	.0002152	.1624727	.0008101	.025207
%RSD	.0698103	.9524361	.5352889	2.940475	24.52437	.4393470	.6431034

#1	3.241539	76.26169	.0884784	.0075349	.6155580	.1840169	3.893761
#2	3.238730	75.18834	.0883325	.0071046	.5286578	.1853061	3.920793
#3	3.243207	76.56647	.0892178	.0073145	.8432692	.1838118	3.944129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.717515	3.197729	.0108405	.0046032	5.436434	5.829933	.0237009
Stddev	.068293	.025898	.0019618	.0003630	.007262	.049835	.0012578
%RSD	1.447645	.8098983	18.09679	7.886027	.1335868	.8548195	5.307152

#1	4.642334	3.191937	.0095581	.0046850	5.444103	5.876616	.0245096
#2	4.734495	3.175217	.0098646	.0042063	5.429662	5.777452	.0243413
#3	4.775716	3.226033	.0130989	.0049184	5.435538	5.835729	.0222517

Sample Name: M3189-05DLX2 Acquired: 08/10/2021 14:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7005540	.0255282	.0720079
Stddev	.0043123	.0005600	.0005959
%RSD	.6155478	2.193815	.8275473

#1	.7032902	.0256486	.0719412
#2	.6955831	.0260182	.0726343
#3	.7027888	.0249177	.0714482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.210	31279.79	8676.787	905.6969	1926.786
Stddev	3.426	72.97	52.304	3.4846	4.812
%RSD	.2175112	.2332683	.6028081	.3847418	.2497608

#1	1575.283	31360.43	8633.987	908.3933	1924.706
#2	1578.599	31260.62	8735.091	906.9350	1932.288
#3	1571.748	31218.33	8661.283	901.7623	1923.362

Sample Name: M3189-06DLX2 Acquired: 08/10/2021 14:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393401	-.000407	1.491314	.0151231	.0056034	25.54331	12.38514
Stddev	.0054480	.002851	.003826	.0039447	.0026743	.01707	.07024
%RSD	13.84845	700.7210	.2565492	26.08403	47.72579	.0668244	.5670997

#1	.0438219	.002502	1.492741	.0186365	.0028020	25.53392	12.39621
#2	.0332762	-.003195	1.486979	.0158770	.0081292	25.53300	12.31003
#3	.0409223	-.000527	1.494220	.0108559	.0058789	25.56301	12.44919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036190	.0020982	15.10248	.0625143	.0482102	.1206093	86.00201
Stddev	.0002011	.0001103	.01966	.0006310	.0004782	.0032251	.30522
%RSD	5.556638	5.257778	.1301976	1.009443	.9919672	2.673973	.3548968

#1	.0038510	.0022232	15.11903	.0630144	.0487028	.1243308	85.70070
#2	.0035101	.0020567	15.08074	.0618053	.0477477	.1188666	85.99433
#3	.0034958	.0020146	15.10768	.0627231	.0481802	.1186305	86.31100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967358	6.344825	.0591610	.0037581	.2893584	.1283310	1.156038
Stddev	.009883	.010817	.0010008	.0003206	.1102121	.0006179	.012870
%RSD	.1989578	.1704818	1.691592	8.530955	38.08843	.4815131	1.113265

#1	4.971173	6.337548	.0603046	.0034095	.1734984	.1276513	1.146740
#2	4.974766	6.339671	.0584455	.0040403	.3928850	.1288588	1.150648
#3	4.956137	6.357255	.0587329	.0038245	.3016918	.1284830	1.170727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.673340	2.518983	.0185973	.0038223	4.360732	4.740928	.0100339
Stddev	.033566	.003679	.0022511	.0003660	.002866	.031343	.0022099
%RSD	1.255592	.1460329	12.10438	9.574472	.0657199	.6611194	22.02385

#1	2.641308	2.515592	.0171230	.0039149	4.363664	4.774195	.0098684
#2	2.708255	2.518465	.0174805	.0041330	4.357937	4.736640	.0079114
#3	2.670457	2.522894	.0211884	.0034189	4.360595	4.711950	.0123218

Sample Name: M3189-06DLX2 Acquired: 08/10/2021 14:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7477101	.0134792	.0688705
Stddev	.0010407	.0016346	.0004281
%RSD	.1391852	12.12692	.6216348

#1	.7465925	.0145058	.0689265
#2	.7486514	.0115942	.0692679
#3	.7478864	.0143376	.0684172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.688	31720.36	8772.245	933.5772	2038.063
Stddev	.943	51.77	35.378	3.5321	3.977
%RSD	.0581058	.1632038	.4032990	.3783355	.1951597

#1	1623.736	31696.48	8745.439	934.4265	2034.081
#2	1624.606	31779.76	8758.952	936.6071	2042.036
#3	1622.721	31684.84	8812.345	929.6979	2038.072

Sample Name: M3189-12DLX2 Acquired: 08/10/2021 14:37:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304849	-.002551	2.083548	.0049311	.0045047	8.922261	19.39879
Stddev	.0025156	.004191	.003987	.0056663	.0016763	.022461	.19899
%RSD	8.251928	164.2839	.1913649	114.9100	37.21074	.2517405	1.025764

#1	.0304529	.001365	2.087606	.0108206	.0029675	8.896608	19.32079
#2	.0330164	-.002046	2.079635	-.000482	.0062920	8.938395	19.25062
#3	.0279855	-.006972	2.083403	.004454	.0042547	8.931780	19.62496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015870	.0146900	545.0986	.0400554	.0091399	.0659748	33.06261
Stddev	.0001136	.0001194	1.4931	.0004836	.0004143	.0031284	.13163
%RSD	7.156552	.8126883	.2739187	1.207289	4.532805	4.741747	.3981149

#1	.0017156	.0148274	543.5696	.0400132	.0095841	.0629479	32.98624
#2	.0015451	.0146123	546.5530	.0405586	.0087640	.0691956	32.98700
#3	.0015003	.0146302	545.1733	.0395942	.0090716	.0657807	33.21460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.165504	307.4993	.0229699	.0014197	1.040316	.0737697	2.466174
Stddev	.003723	1.0006	.0003948	.0002198	.098549	.0054524	.018475
%RSD	.3194509	.3253955	1.718946	15.47863	9.473005	7.391159	.7491329

#1	1.163512	307.2102	.0228038	.0011666	1.053453	.0688657	2.451401
#2	1.169799	306.6751	.0226852	.0015303	.935857	.0796411	2.460232
#3	1.163200	308.6126	.0234206	.0015622	1.131637	.0728025	2.486889

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2411126	1.073519	.0195615	.0051333	6.590778	2.181236	.0118031
Stddev	.0591350	.009748	.0020360	.0005761	.021281	.010783	.0034574
%RSD	24.52589	.9079981	10.40803	11.22282	.3228928	.4943655	29.29218

#1	.2817025	1.078767	.0192666	.0057979	6.581075	2.170894	.0147805
#2	.2683707	1.062272	.0176891	.0047776	6.615181	2.180400	.0126176
#3	.1732646	1.079519	.0217289	.0048243	6.576077	2.192412	.0080112

Sample Name: M3189-12DLX2 Acquired: 08/10/2021 14:37:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5X2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1764019	.0200009	.3346985
Stddev	.0016799	.0006885	.0011502
%RSD	.9522979	3.442421	.3436416

#1	.1751791	.0193052	.3335111
#2	.1757092	.0206820	.3358074
#3	.1783173	.0200155	.3347772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.923	29346.68	8105.964	837.4849	1782.369
Stddev	4.906	75.75	3.219	2.8631	4.158
%RSD	.3383328	.2581299	.0397109	.3418735	.2332962

#1	1446.615	29434.13	8103.388	840.7867	1777.896
#2	1455.559	29304.28	8104.931	835.6885	1786.118
#3	1447.595	29301.61	8109.572	835.9794	1783.092

Sample Name: M3189-01DLX2 Acquired: 08/10/2021 14:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0766556	-.006803	3.016166	.0266028	.0045062	43.73386	14.40593
Stddev	.0017418	.001455	.014161	.0028703	.0048077	.11108	.04620
%RSD	2.272270	21.38704	.4695137	10.78965	106.6907	.2539990	.3206782

#1	.0768229	-.005222	3.018927	.0288487	-.000577	43.84455	14.38537
#2	.0748361	-.007103	3.000828	.0275907	.008981	43.62239	14.37358
#3	.0783077	-.008085	3.028744	.0233689	.005115	43.73462	14.45884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054859	.0102630	75.65725	.1607215	.0605853	.1978880	154.6706
Stddev	.0000461	.0001217	.09714	.0006352	.0003321	.0011017	.8700
%RSD	.8401496	1.185368	.1283893	.3952402	.5481937	.5567152	.5624885

#1	.0054328	.0104034	75.62980	.1604819	.0609679	.1991186	155.4728
#2	.0055144	.0101873	75.76516	.1602408	.0604169	.1969936	153.7458
#3	.0055107	.0101985	75.57680	.1614416	.0603711	.1975519	154.7932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.790184	20.07098	.0980374	.0067840	.5226000	.2272379	3.205709
Stddev	.003794	.10980	.0003819	.0002533	.2595348	.0010038	.010945
%RSD	.1000945	.5470671	.3895331	3.734243	49.66224	.4417290	.3414360

#1	3.789382	20.11153	.0980830	.0066821	.2347121	.2267702	3.216861
#2	3.794314	19.94667	.0976347	.0065975	.7386463	.2283902	3.194983
#3	3.786855	20.15473	.0983944	.0070725	.5944415	.2265534	3.205283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.561143	2.886304	.0348247	.0071152	4.909128	4.529086	.0120009
Stddev	.078400	.014190	.0047222	.0003335	.014157	.018267	.0038012
%RSD	1.718863	.4916225	13.56008	4.686896	.2883751	.4033229	31.67398

#1	4.518639	2.884186	.0402749	.0068741	4.916701	4.516658	.0078554
#2	4.651616	2.873292	.0319550	.0069758	4.892796	4.520541	.0128245
#3	4.513174	2.901434	.0322441	.0074958	4.917889	4.550059	.0153227

Sample Name: M3189-01DLX2 Acquired: 08/10/2021 14:48:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8022342	.0342159	.1117903
Stddev	.0013077	.0005545	.0006188
%RSD	.1630108	1.620547	.5535636

#1	.8032822	.0335759	.1121378
#2	.8007687	.0345190	.1121574
#3	.8026517	.0345528	.1110758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.920	31410.79	8721.144	910.8148	1986.011
Stddev	2.523	57.07	29.237	2.4862	4.391
%RSD	.1584109	.1816795	.3352467	.2729673	.2210866

#1	1591.100	31346.95	8694.665	908.4808	1985.883
#2	1595.801	31456.84	8752.521	913.4294	1990.464
#3	1591.860	31428.57	8716.246	910.5341	1981.685

Sample Name: M3189-02DLX2 Acquired: 08/10/2021 14:52:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5W3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733509	-.005231	3.030622	.0201505	.0030211	44.21605	14.72782
Stddev	.0039693	.004589	.011385	.0012552	.0014685	.08955	.16879
%RSD	5.411413	87.73692	.3756652	6.229124	48.60793	.2025253	1.146031

#1	.0747256	-.002259	3.043143	.0214045	.0042566	44.11638	14.81786
#2	.0688769	-.010516	3.027832	.0201530	.0013975	44.24205	14.53310
#3	.0764501	-.002917	3.020892	.0188941	.0034093	44.28973	14.83249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056670	.0104964	76.40586	.1615579	.0611184	.1983154	157.1741
Stddev	.0001453	.0001005	.14030	.0011150	.0003531	.0010134	.2958
%RSD	2.563000	.9572651	.1836211	.6901663	.5777147	.5110075	.1881750

#1	.0055708	.0103915	76.36617	.1625969	.0608317	.1994490	157.3775
#2	.0058341	.0105918	76.28968	.1616970	.0610106	.1974971	156.8348
#3	.0055961	.0105059	76.56173	.1603799	.0615128	.1980001	157.3100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.820586	20.41705	.0989516	.0064884	.6041607	.2330048	3.229349
Stddev	.006500	.07823	.0005030	.0003081	.1285377	.0052450	.031396
%RSD	.1701179	.3831734	.5082850	4.748698	21.27541	2.251016	.9721930

#1	3.815338	20.35245	.0991452	.0065249	.5843368	.2303502	3.234677
#2	3.818563	20.39465	.0983806	.0061637	.7414588	.2390464	3.195630
#3	3.827856	20.50404	.0993290	.0067767	.4866867	.2296177	3.257739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.379598	2.890318	.0359830	.0065647	4.940568	4.772120	.0121274
Stddev	.022109	.010959	.0029656	.0006132	.019250	.036608	.0021484
%RSD	.5048092	.3791591	8.241594	9.341246	.3896363	.7671226	17.71515

#1	4.362591	2.902390	.0327395	.0066660	4.956698	4.812300	.0128938
#2	4.371614	2.880997	.0366538	.0071210	4.945748	4.740658	.0097009
#3	4.404590	2.887566	.0385557	.0059072	4.919258	4.763403	.0137875

Sample Name: M3189-02DLX2 Acquired: 08/10/2021 14:52:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5W3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8135213	.0331725	.1107642
Stddev	.0039044	.0006708	.0005433
%RSD	.4799446	2.022044	.4904724

#1	.8109535	.0337906	.1102177
#2	.8115960	.0324593	.1113042
#3	.8180145	.0332677	.1107705

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.326	31723.81	8709.751	923.3564	1997.540
Stddev	2.553	40.70	44.055	6.4665	3.987
%RSD	.1587183	.1282948	.5058125	.7003222	.1996110

#1	1607.374	31732.97	8664.506	916.2326	1993.014
#2	1611.219	31679.31	8712.235	928.8557	2000.535
#3	1606.387	31759.14	8752.511	924.9809	1999.072

Sample Name: M3191-03DLX2 Acquired: 08/10/2021 14:56:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535537	.0011399	3.036302	.0197112	.0008431	42.93846	11.65919
Stddev	.0029813	.0065764	.007673	.0052470	.0009034	.12696	.14265
%RSD	5.566917	576.9457	.2527126	26.61944	107.1422	.2956740	1.223515

#1	.0543322	-.005704	3.043242	.0162755	.0016891	42.81335	11.58036
#2	.0502604	.001712	3.028062	.0171073	.0009487	42.93485	11.57335
#3	.0560685	.007411	3.037603	.0257509	-.000108	43.06719	11.82386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052000	.0241913	216.1263	.0817786	.0730594	.1700812	116.4544
Stddev	.0000980	.0000731	.2496	.0008398	.0005880	.0004261	.5002
%RSD	1.884632	.3020955	.1154843	1.026966	.8048692	.2505438	.4295638

#1	.0050950	.0242068	215.8665	.0821855	.0729657	.1701023	116.0658
#2	.0052160	.0241118	216.3643	.0808128	.0725238	.1704964	116.2786
#3	.0052891	.0242554	216.1480	.0823375	.0736886	.1696449	117.0188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.914965	122.7702	.0633709	.0047525	.9430839	.1910373	6.250806
Stddev	.005357	.4396	.0007336	.0003566	.1627335	.0007480	.013789
%RSD	.1090006	.3580809	1.157662	7.502716	17.25547	.3915275	.2205960

#1	4.914049	122.3345	.0626220	.0045763	.8976051	.1912981	6.261878
#2	4.920721	122.7623	.0634023	.0045183	1.123719	.1901938	6.255179
#3	4.910124	123.2136	.0640883	.0051629	.807928	.1916199	6.235360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.479593	1.149840	.0052852	.0059062	4.513843	4.822937	.0180327
Stddev	.013222	.005453	.0012165	.0009530	.007655	.007244	.0051286
%RSD	.5332155	.4742643	23.01624	16.13636	.1695863	.1501909	28.44036

#1	2.484897	1.145913	.0062993	.0049644	4.514554	4.818389	.0121302
#2	2.489339	1.147541	.0039365	.0058841	4.521118	4.819131	.0205681
#3	2.464543	1.156067	.0056199	.0068701	4.505858	4.831290	.0213997

Sample Name: M3191-03DLX2 Acquired: 08/10/2021 14:56:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Y8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6331841	.0287207	.1123363
Stddev	.0028186	.0016730	.0006997
%RSD	.4451425	5.825030	.6228697

#1	.6336502	.0305342	.1126285
#2	.6357405	.0272376	.1128426
#3	.6301615	.0283902	.1115379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1563.240	31144.55	8612.300	902.1072	1896.700
Stddev	.894	41.29	7.832	2.3689	1.590
%RSD	.0571764	.1325824	.0909395	.2625989	.0838218

#1	1562.246	31099.27	8607.736	899.3810	1897.567
#2	1563.494	31154.23	8621.344	903.6637	1894.865
#3	1563.979	31180.13	8607.822	903.2770	1897.667

Sample Name: M3191-04DLX2 Acquired: 08/10/2021 15:00:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462983	-.007789	2.038594	.0245200	.0014161	53.97342	13.23842
Stddev	.0037954	.000702	.003359	.0045303	.0008550	.07106	.11343
%RSD	8.197786	9.017819	.1647667	18.47580	60.38266	.1316548	.8568190

#1	.0430005	-.007232	2.040505	.0211081	.0013746	53.96471	13.32095
#2	.0454474	-.007558	2.034716	.0296600	.0022911	53.90711	13.28524
#3	.0504469	-.008578	2.040563	.0227919	.0005825	54.04843	13.10908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074758	-.000918	15.15362	.1420021	.0817692	.1110301	158.9457
Stddev	.0000960	.000157	.01756	.0008057	.0006750	.0006670	.5955
%RSD	1.284074	17.07057	.1159121	.5673717	.8254787	.6007231	.3746348

#1	.0075815	-.001066	15.15029	.1429293	.0819599	.1104555	158.8937
#2	.0073939	-.000933	15.17261	.1416043	.0823284	.1117615	158.3779
#3	.0074521	-.000754	15.13796	.1414726	.0810194	.1108735	159.5655

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.214797	11.41242	.0711373	.0067474	.3946276	.2723616	1.640998
Stddev	.003127	.09410	.0003632	.0002005	.0857235	.0019325	.005348
%RSD	.0741825	.8245693	.5105836	2.972162	21.72264	.7095531	.3258741

#1	4.214311	11.40227	.0708734	.0065167	.3602949	.2705513	1.634828
#2	4.218139	11.32380	.0715516	.0068806	.3313920	.2721367	1.644299
#3	4.211942	11.51119	.0709870	.0068447	.4921959	.2743967	1.643866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024234	1.091664	.0139213	.0041908	3.062814	4.143440	.0092338
Stddev	.041661	.003938	.0027653	.0004059	.007191	.021285	.0013393
%RSD	2.058126	.3607070	19.86363	9.686277	.2347889	.5137014	14.50404

#1	2.014610	1.090398	.0111210	.0044943	3.054632	4.165273	.0077710
#2	1.988227	1.088516	.0139927	.0043484	3.068130	4.122750	.0095307
#3	2.069865	1.096079	.0166502	.0037297	3.065681	4.142297	.0103997

Sample Name: M3191-04DLX2 Acquired: 08/10/2021 15:00:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Y9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8758804	.0291740	-.020311
Stddev	.0015350	.0009411	.000446
%RSD	.1752545	3.225715	2.196644

#1	.8765781	.0301645	-.020070
#2	.8741204	.0282918	-.020038
#3	.8769426	.0290656	-.020826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.356	32364.36	8860.293	946.6833	2012.442
Stddev	2.524	56.53	32.295	5.0315	3.020
%RSD	.1533984	.1746772	.3644920	.5314847	.1500842

#1	1642.477	32364.33	8823.055	942.3053	2009.171
#2	1646.404	32307.84	8880.627	945.5648	2015.125
#3	1647.187	32420.90	8877.198	952.1800	2013.032

Sample Name: M3191-05DLX2 Acquired: 08/10/2021 15:04:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021728	-.005458	1.732814	.0253479	.0013008	51.15648	14.83413
Stddev	.0089783	.003641	.008096	.0012285	.0018707	.06241	.11461
%RSD	8.787365	66.70579	.4671977	4.846428	143.8059	.1219922	.7725937

#1	.1051491	-.004852	1.724917	.0266483	.0017649	51.17648	14.92226
#2	.1092850	-.002158	1.741095	.0242070	-.000758	51.08652	14.87556
#3	.0920843	-.009364	1.732429	.0251883	.002896	51.20643	14.70456

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060200	.0106502	170.7560	.0865017	.1023828	.1291422	141.6332
Stddev	.0001007	.0002425	.2608	.0005268	.0006815	.0003183	.3443
%RSD	1.672974	2.277154	.1527332	.6089621	.6655911	.2464614	.2430767

#1	.0059553	.0106855	170.5565	.0866091	.1019734	.1295087	141.9748
#2	.0059686	.0103919	170.6603	.0869664	.1031694	.1289826	141.2863
#3	.0061360	.0108731	171.0511	.0859295	.1020055	.1289353	141.6385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.680782	97.41441	.0989224	.0058040	.8978961	.2224067	4.354732
Stddev	.013750	.26468	.0003176	.0001160	.1333377	.0049238	.016686
%RSD	.1790226	.2717040	.3210706	1.998831	14.85001	2.213869	.3831754

#1	7.664947	97.70678	.0991338	.0056721	.9996198	.2181701	4.369106
#2	7.687697	97.19114	.0985572	.0058903	.9471251	.2212415	4.336433
#3	7.689702	97.34530	.0990763	.0058496	.7469435	.2278086	4.358658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.066396	1.136538	.0104115	.0059702	6.409035	4.921055	.0094116
Stddev	.044085	.005754	.0017690	.0004138	.022640	.010946	.0022830
%RSD	2.133416	.5062637	16.99067	6.930881	.3532485	.2224315	24.25741

#1	2.117300	1.130089	.0091888	.0062464	6.429453	4.932528	.0068113
#2	2.041136	1.138378	.0124399	.0061697	6.384688	4.910726	.0103365
#3	2.040751	1.141146	.0096058	.0054944	6.412963	4.919911	.0110870

Sample Name: M3191-05DLX2 Acquired: 08/10/2021 15:04:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5098644	.0262369	.0249631
Stddev	.0029030	.0015443	.0004166
%RSD	.5693649	5.886133	1.668912

#1	.5074252	.0276328	.0245919
#2	.5130752	.0264999	.0254137
#3	.5090927	.0245779	.0248838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.520	31767.60	8802.819	919.2185	1914.947
Stddev	5.566	144.96	28.889	5.6302	2.488
%RSD	.3495107	.4563016	.3281811	.6124968	.1299098

#1	1591.628	31681.33	8770.908	912.9274	1915.034
#2	1598.478	31686.52	8827.192	920.9441	1917.390
#3	1587.454	31934.96	8810.357	923.7838	1912.417

Sample Name: M3191-07DLX5 Acquired: 08/10/2021 15:08:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479029	-.003418	6.190683	.0050599	.0021782	39.95049	9.081608
Stddev	.0036099	.003703	.007099	.0085543	.0016227	.09351	.045813
%RSD	7.535867	108.3359	.1146696	169.0608	74.49770	.2340763	.5044619

#1	.0520654	-.001215	6.183759	-.001770	.0011419	39.84250	9.123418
#2	.0456291	-.007693	6.190346	.014654	.0040483	40.00446	9.088772
#3	.0460144	-.001346	6.197945	.002295	.0013444	40.00449	9.032635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051077	.0017372	81.97498	.0665422	.0187586	.1010716	76.77995
Stddev	.0000293	.0000980	.16580	.0004559	.0004169	.0029821	.34872
%RSD	.5740878	5.644289	.2022629	.6851387	2.222500	2.950491	.4541876

#1	.0051080	.0017023	81.88838	.0666349	.0189135	.1034589	76.39024
#2	.0050782	.0018479	81.87041	.0669446	.0182864	.1020270	77.06258
#3	.0051369	.0016613	82.16615	.0660470	.0190758	.0977289	76.88703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257490	43.35703	.0447495	.0036521	.0775006	.1440326	1.445939
Stddev	.004871	.34290	.0013575	.0002865	.0692144	.0022859	.002185
%RSD	.3873202	.7908864	3.033516	7.843959	89.30825	1.587080	.1511474

#1	1.258003	42.96393	.0449239	.0033499	.0350450	.1448827	1.444981
#2	1.252383	43.51246	.0433133	.0039197	.1573695	.1457717	1.448439
#3	1.262084	43.59470	.0460114	.0036867	.0400873	.1414435	1.444395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358052	.5805950	.0041395	.0026007	2.230103	2.280976	.0002704
Stddev	.017113	.0020500	.0011013	.0005782	.011741	.016758	.0004281
%RSD	1.260113	.3530915	26.60548	22.23407	.5264767	.7346733	158.3259

#1	1.339968	.5812031	.0053898	.0032675	2.242842	2.277037	.0007028
#2	1.360196	.5783097	.0037156	.0022965	2.219717	2.299352	.0002615
#3	1.373992	.5822722	.0033132	.0022380	2.227749	2.266539	-.000153

Sample Name: M3191-07DLX5 Acquired: 08/10/2021 15:08:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1617908	.0143504	.0047231
Stddev	.0022498	.0009833	.0001947
%RSD	1.390560	6.851969	4.122518

#1	.1592810	.0132757	.0047908
#2	.1636264	.0145706	.0048750
#3	.1624650	.0152049	.0045036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.373	31833.67	8734.053	926.1579	1983.603
Stddev	.496	102.23	8.052	2.7937	2.093
%RSD	.0306281	.3211264	.0921958	.3016486	.1055040

#1	1618.782	31727.57	8734.428	922.9321	1984.879
#2	1617.822	31931.52	8741.911	927.7900	1984.742
#3	1618.516	31841.91	8725.819	927.7517	1981.188

Sample Name: M3191-11DLX5 Acquired: 08/10/2021 15:13:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341768	-.002774	4.224207	.0204869	.0024114	28.99832	6.552749
Stddev	.0068124	.001576	.008443	.0023589	.0019334	.05833	.020544
%RSD	5.077162	56.80971	.1998675	11.51436	80.17902	.2011561	.3135234

#1	.1263349	-.001740	4.216660	.0194255	.0034645	28.94656	6.541487
#2	.1386329	-.004589	4.222636	.0231901	.0035897	29.06153	6.540299
#3	.1375628	-.001995	4.233325	.0188452	.0001800	28.98689	6.576462

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041505	.0001332	16.17897	.0663314	.0450028	.0994522	130.9785
Stddev	.0001060	.0000489	.06601	.0006263	.0005519	.0016644	.4605
%RSD	2.554139	36.71328	.4080134	.9441966	1.226344	1.673543	.3515952

#1	.0042117	.0000926	16.11871	.0670184	.0448003	.1013403	130.8608
#2	.0040281	.0001875	16.16868	.0661837	.0445808	.0988185	131.4864
#3	.0042117	.0001196	16.24953	.0657922	.0456274	.0981977	130.5882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.511830	9.455420	.1060745	.0054894	.2083543	.1771943	2.075010
Stddev	.011830	.048521	.0010949	.0004075	.1290705	.0014009	.010719
%RSD	.4709697	.5131510	1.032246	7.422806	61.94760	.7906186	.5165791

#1	2.503648	9.465545	.1048352	.0058947	.1753159	.1770810	2.063455
#2	2.506448	9.498079	.1064777	.0054936	.0990143	.1758534	2.076945
#3	2.525394	9.402635	.1069108	.0050798	.3507326	.1786484	2.084629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.065739	.9369080	.0133770	.0027721	1.684120	2.546774	.0032336
Stddev	.057654	.0046194	.0006928	.0006197	.013627	.004757	.0008291
%RSD	5.409789	.4930450	5.179231	22.35651	.8091222	.1867801	25.64146

#1	1.126475	.9341138	.0126143	.0024065	1.677160	2.549544	.0033941
#2	1.058979	.9343702	.0139674	.0034877	1.699821	2.541281	.0039708
#3	1.011762	.9422399	.0135493	.0024222	1.675379	2.549496	.0023360

Sample Name: M3191-11DLX5 Acquired: 08/10/2021 15:13:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3839212	.0099942	-.085189
Stddev	.0020460	.0005764	.000560
%RSD	.5329150	5.767467	.6573587

#1	.3833015	.0106466	-.085114
#2	.3822566	.0097819	-.085783
#3	.3862053	.0095540	-.084670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.992	31644.62	8610.081	926.0412	2025.139
Stddev	3.468	63.72	16.497	1.3921	1.996
%RSD	.2152674	.2013713	.1915953	.1503264	.0985478

#1	1607.114	31625.61	8596.916	927.3679	2022.846
#2	1613.794	31592.56	8604.740	926.1639	2026.087
#3	1612.069	31715.68	8628.586	924.5918	2026.485

Sample Name: M3191-12DLX5 Acquired: 08/10/2021 15:17:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1091296	-.002979	3.873620	.0197910	.0020455	28.78985	6.933489
Stddev	.0070861	.006784	.007242	.0039533	.0002415	.03155	.004094
%RSD	6.493269	227.6857	.1869488	19.97542	11.80863	.1095831	.0590526

#1	.1102489	-.001524	3.866245	.0152490	.0023118	28.82561	6.928773
#2	.1155894	.002958	3.880720	.0224573	.0019841	28.76595	6.936139
#3	.1015505	-.010373	3.873893	.0216668	.0018406	28.77800	6.935554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039852	.0000204	17.21533	.0660367	.0415996	.0874060	117.7887
Stddev	.0001364	.0001272	.02837	.0006993	.0001152	.0015672	.2356
%RSD	3.421308	622.8844	.1647727	1.058886	.2769090	1.792958	.2000030

#1	.0039831	.0000372	17.18323	.0666909	.0417079	.0856672	118.0218
#2	.0041225	.0001384	17.22570	.0661195	.0416122	.0887094	117.5507
#3	.0038499	-.000114	17.23704	.0652997	.0414786	.0878415	117.7937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.316350	10.04784	.0960512	.0048208	.1811547	.1727317	1.813846
Stddev	.010532	.06645	.0003076	.0000974	.2070936	.0033436	.005046
%RSD	.4546605	.6613527	.3202009	2.020167	114.3187	1.935715	.2781879

#1	2.304335	9.98709	.0960838	.0047443	.1212669	.1711646	1.816836
#2	2.320728	10.03760	.0963412	.0049304	.4115927	.1765711	1.808020
#3	2.323986	10.11881	.0957287	.0047876	.0106046	.1704595	1.816682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.124226	.9389178	.0103574	.0027740	1.759815	2.278038	.0037723
Stddev	.057751	.0084686	.0011964	.0005912	.004483	.014565	.0028015
%RSD	5.136984	.9019565	11.55138	21.31340	.2547173	.6393807	74.26597

#1	1.078995	.9463805	.0117148	.0027507	1.760084	2.273460	.0065317
#2	1.104405	.9297139	.0099016	.0033765	1.764157	2.266312	.0038545
#3	1.189278	.9406589	.0094560	.0021947	1.755204	2.294342	.0009306

Sample Name: M3191-12DLX5 Acquired: 08/10/2021 15:17:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5Z5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4001529	.0104904	-.069330
Stddev	.0022818	.0010492	.000277
%RSD	.5702418	10.00175	.3999003

#1	.4019346	.0098737	-.069579
#2	.3975810	.0117019	-.069031
#3	.4009431	.0098957	-.069380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.564	31450.72	8596.847	927.6239	2022.016
Stddev	2.321	128.50	23.012	2.7208	2.828
%RSD	.1441313	.4085802	.2676842	.2933086	.1398510

#1	1610.020	31599.08	8603.959	929.1500	2025.223
#2	1613.109	31378.44	8615.464	924.4826	2020.941
#3	1608.563	31374.63	8571.119	929.2390	2019.883

Sample Name: M3191-10 Acquired: 08/10/2021 15:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1404953	.0841821	2.924532	.2206630	.1948902	59.38720	16.66042
Stddev	.0077438	.0067077	.004371	.0060328	.0015951	.08349	.06035
%RSD	5.511815	7.968092	.1494497	2.733926	.8184796	.1405927	.3622253

#1	.1492963	.0800490	2.919871	.2138134	.1936622	59.29088	16.61639
#2	.1374643	.0919216	2.925186	.2229893	.1943152	59.43176	16.63566
#3	.1347255	.0805758	2.928539	.2251863	.1966931	59.43896	16.72921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1084575	.1170023	64.92757	.5466456	1.132562	.6669302	146.1900
Stddev	.0009657	.0000881	.17102	.0004688	.001509	.0025794	.1773
%RSD	.8904049	.0752782	.2634030	.0857577	.1332594	.3867506	.1212749

#1	.1091340	.1170924	64.80959	.5468609	1.131316	.6698610	146.3602
#2	.1073516	.1169164	64.84943	.5469680	1.134240	.6650053	146.2034
#3	.1088869	.1169981	65.12371	.5461078	1.132131	.6659245	146.0064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.757275	29.15557	1.140120	.0943293	.7046042	1.283436	3.114612
Stddev	.029385	.07516	.001899	.0007809	.2686911	.005356	.016515
%RSD	.3011587	.2578045	.1665366	.8278292	38.13362	.4173149	.5302468

#1	9.750034	29.21026	1.138470	.0937506	1.012700	1.277609	3.098000
#2	9.732187	29.06986	1.142195	.0952175	.518892	1.288144	3.131029
#3	9.789603	29.18658	1.139695	.0940199	.582221	1.284555	3.114806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.084545	8.476964	.0279921	.0063505	6.869669	6.663206	.0153943
Stddev	.017741	.012588	.0019932	.0001850	.011098	.016774	.0022785
%RSD	.2504153	.1484952	7.120640	2.912990	.1615448	.2517350	14.80122

#1	7.089456	8.463941	.0297245	.0061426	6.867097	6.661575	.0150308
#2	7.099313	8.477886	.0284381	.0064969	6.881826	6.647308	.0178327
#3	7.064866	8.489066	.0258136	.0064119	6.860083	6.680736	.0133193

Sample Name: M3191-10 Acquired: 08/10/2021 15:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Z3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.445905	.0308237	.0327852
Stddev	.003385	.0009015	.0003180
%RSD	.2341235	2.924535	.9698327

#1	1.442691	.0317803	.0327782
#2	1.449439	.0299901	.0324708
#3	1.445587	.0307007	.0331066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.935	33131.28	9089.771	964.4042	1988.941
Stddev	3.638	64.14	21.918	7.5384	2.301
%RSD	.2174415	.1935916	.2411304	.7816652	.1156700

#1	1676.311	33180.71	9088.979	972.8041	1991.579
#2	1673.411	33154.33	9112.075	962.1815	1987.347
#3	1669.083	33058.80	9068.260	958.2271	1987.898

Sample Name: CCV054 Acquired: 08/10/2021 15:25:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994642	4.930831	24.93704	5.016272	5.025504	413.0546	10.08536
Stddev	.015625	.016532	.05736	.011291	.009640	4.7290	.02984
%RSD	.3128345	.3352729	.2300347	.2250888	.1918264	1.144890	.2958761

#1	4.992317	4.916168	24.87973	5.009089	5.016980	407.5949	10.05324
#2	4.980309	4.927579	24.93692	5.029286	5.035966	415.6976	10.09065
#3	5.011299	4.948747	24.99446	5.010439	5.023566	415.8713	10.11221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5273134	2.503705	398.6832	15.37194	2.504473	15.45491	424.8444
Stddev	.0044104	.006348	.8829	.01167	.007748	.02952	1.6096
%RSD	.8363913	.2535636	.2214616	.0759489	.3093634	.1910127	.3788741

#1	.5323066	2.499059	397.6643	15.37752	2.497381	15.48683	426.6991
#2	.5256843	2.501117	399.2220	15.35852	2.503296	15.44931	423.8125
#3	.5239493	2.510938	399.1634	15.37978	2.512742	15.42859	424.0216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73483	417.9841	2.482168	1.257661	414.2301	2.620015	15.31216
Stddev	.03134	1.3783	.007145	.002109	1.0804	.006992	.09548
%RSD	.2126657	.3297610	.2878350	.1677293	.2608290	.2668866	.6235792

#1	14.70638	419.5136	2.476517	1.259469	415.4436	2.623628	15.20193
#2	14.76842	416.8382	2.479787	1.258170	413.8738	2.624463	15.36532
#3	14.72970	417.6003	2.490198	1.255343	413.3728	2.611956	15.36923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.1124	5.379053	5.228599	5.025303	5.147199	5.198499	5.052887
Stddev	.5847	.016471	.037259	.006882	.016029	.035893	.012920
%RSD	.3698006	.3062094	.7125921	.1369388	.3114098	.6904517	.2556917

#1	158.7780	5.379326	5.270464	5.018296	5.165006	5.239944	5.053344
#2	157.6817	5.362448	5.216252	5.032053	5.133925	5.177688	5.065572
#3	157.8775	5.395386	5.199082	5.025560	5.142664	5.177863	5.039744

Sample Name: CCV054 Acquired: 08/10/2021 15:25:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV054 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.214181	5.227203	4.906972
Stddev	.012429	.003618	.038543
%RSD	.2383604	.0692229	.7854673

#1	5.224405	5.223870	4.948270
#2	5.217790	5.226688	4.900690
#3	5.200347	5.231051	4.871957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.309	28111.04	7926.436	765.3930	1647.863
Stddev	1.697	72.60	34.969	2.0245	2.606
%RSD	.1256792	.2582448	.4411755	.2645070	.1581160

#1	1351.570	28194.85	7886.103	767.6228	1648.608
#2	1348.380	28067.89	7944.921	763.6700	1650.015
#3	1350.978	28070.37	7948.283	764.8864	1644.966

Sample Name: CCB054 Acquired: 08/10/2021 15:29:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003224	.0022050	.0019330	-.002050	-.001284	.0124494	-.002298
Stddev	.003898	.0012679	.0022647	.002283	.002402	.0059581	.000357
%RSD	120.9008	57.50385	117.1601	111.3726	187.0626	47.85847	15.52552

#1	-.007466	.0011444	-.000203	.000461	.000431	.0193194	-.002316
#2	.000199	.0036094	.004308	-.004000	-.004029	.0086964	-.001933
#3	-.002404	.0018612	.001694	-.002611	-.000254	.0093324	-.002646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000223	.0000953	.0065583	.0007079	-.000078	.0018447	.0193309
Stddev	.0000312	.0000516	.0043156	.0009782	.000071	.0011308	.0064005
%RSD	139.8520	54.11467	65.80396	138.1766	91.42497	61.30047	33.11008

#1	-.000009	.0001422	.0083939	.0005993	.000003	.0031427	.0267118
#2	.000023	.0001037	.0096526	.0017358	-.000130	.0010725	.0153112
#3	.000053	.0000401	.0016283	-.000211	-.000107	.0013189	.0159698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0208342	-.000121	.0001886	-.246598	.0004115	-.002035
Stddev	.000119	.0331468	.000262	.0003252	.150927	.0044390	.001939
%RSD	1263.098	159.0980	215.9965	172.3742	61.20378	1078.747	95.28652

#1	-.000048	-.012944	.000062	.0001634	-.076168	-.004704	.000039
#2	.000124	.022135	-.000004	.0005257	-.300278	.002683	-.002340
#3	-.000104	.053311	-.000422	-.000123	-.363346	.003255	-.003803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.705748	-.001120	.0094934	.0008508	-.004609	-.004572	-.001934
Stddev	.054640	.003761	.0009884	.0011030	.003084	.001603	.002206
%RSD	7.742151	335.9385	10.41153	129.6517	66.89974	35.05767	114.0392

#1	-.735461	.001062	.0102536	.0019360	-.006966	-.003405	.000133
#2	-.739093	-.005463	.0083760	.0008855	-.001119	-.006399	-.001679
#3	-.642690	.001042	.0098506	-.000269	-.005743	-.003911	-.004257

Sample Name: CCB054 Acquired: 08/10/2021 15:29:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1542) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009574	-.001774	.0000429
Stddev	.0004095	.000821	.0000733
%RSD	42.77604	46.29161	170.6506

#1	.0006469	-.001999	-.000036
#2	.0014215	-.000864	.000110
#3	.0008037	-.002459	.000055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1581.619	30631.32	8332.416	906.7749	2029.855
Stddev	2.399	76.48	20.133	4.6043	2.516
%RSD	.1517039	.2496836	.2416231	.5077619	.1239356

#1	1581.005	30551.89	8314.705	901.9420	2032.737
#2	1579.587	30637.62	8328.231	907.2728	2028.727
#3	1584.266	30704.46	8354.313	911.1100	2028.100