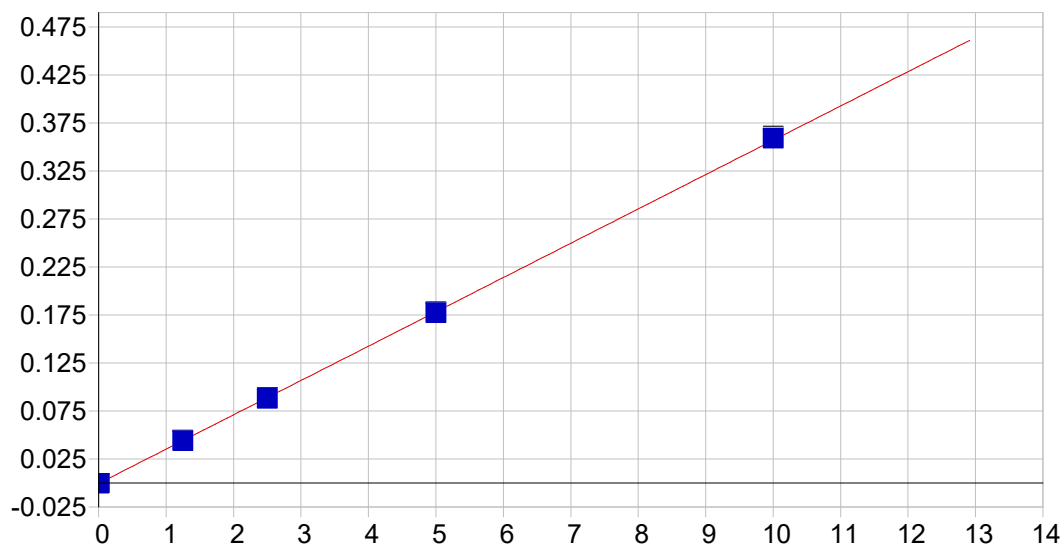


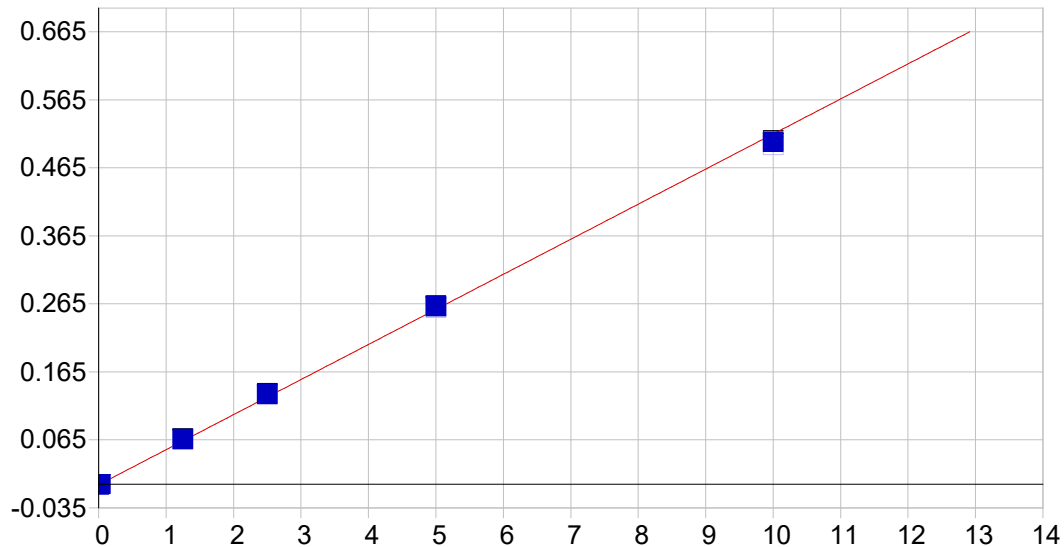


As 189.042 {479}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.035747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.006266
 Predicted MQL: 0.020885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00050	.000	1
S1	.01000	.01105	.001	10.5	-.00010	.000	1
S2	1.2500	1.2413	-.009	-.700	.04402	.001	1
S3	2.5000	2.4748	-.025	-1.01	.08825	.001	1
S4	5.0000	4.9792	-.021	-.416	.17807	.000	1
S5	10.000	10.054	.054	.537	.36004	.001	1

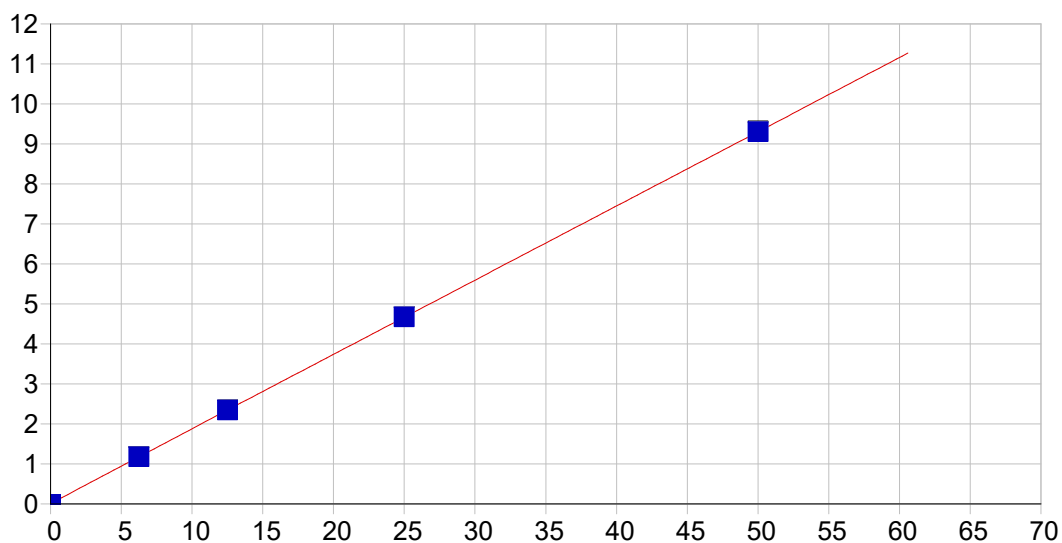


TI 190.856 {477}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001063 Re-Slope: 1.000000
 A1 (Gain): 0.051581 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999668 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.004471
 Predicted MQL: 0.014903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00106	.000	1
S1	.02500	.02177	-.003	-12.9	.00000	.000	1
S2	1.2500	1.3003	.050	4.02	.06542	.001	1
S3	2.5000	2.5908	.091	3.63	.13140	.001	1
S4	5.0000	5.0864	.086	1.73	.25895	.001	1
S5	10.000	9.7757	-.224	-2.24	.49848	.002	1

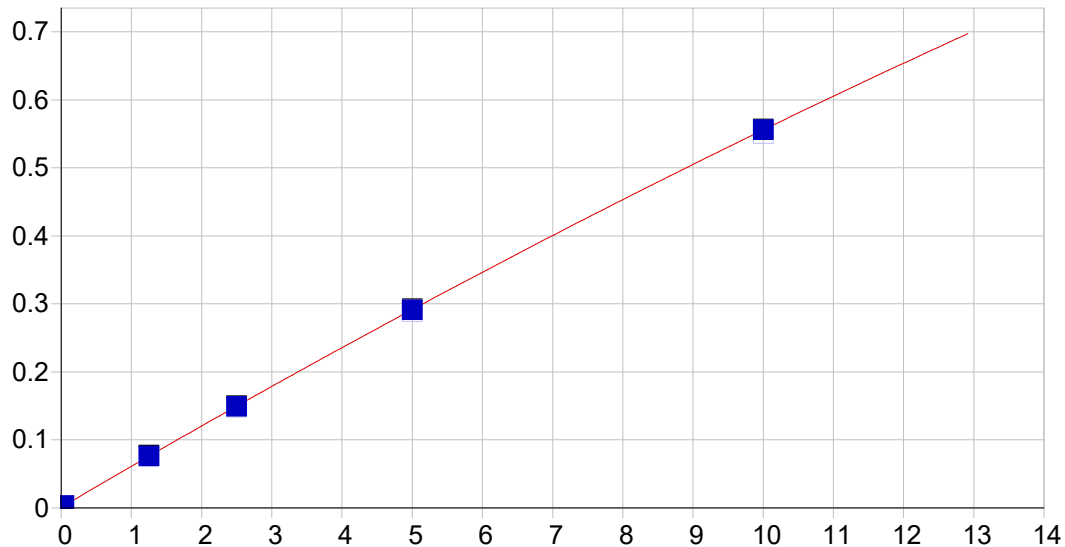


Pb 220.353 {453}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000455 Re-Slope: 1.000000
 A1 (Gain): 0.192034 Y-int: 0.000000
 A2 (Curvature): 0.000030
 n (Exponent): 0.990000
 Correlation: 0.999996 Status: Warning Positive Curvature
 Std Error of Est: 0.000028
 Predicted MDL: 0.002433
 Predicted MQL: 0.008109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.01000	.01222	.002	22.2	.00291	.001	1
S2	6.2500	6.2230	-.027	-.432	1.1758	.004	1
S3	12.500	12.507	.007	.054	2.3485	.007	1
S4	25.000	25.033	.033	.132	4.6765	.011	1
S5	50.000	49.985	-.015	-.030	9.3072	.017	1

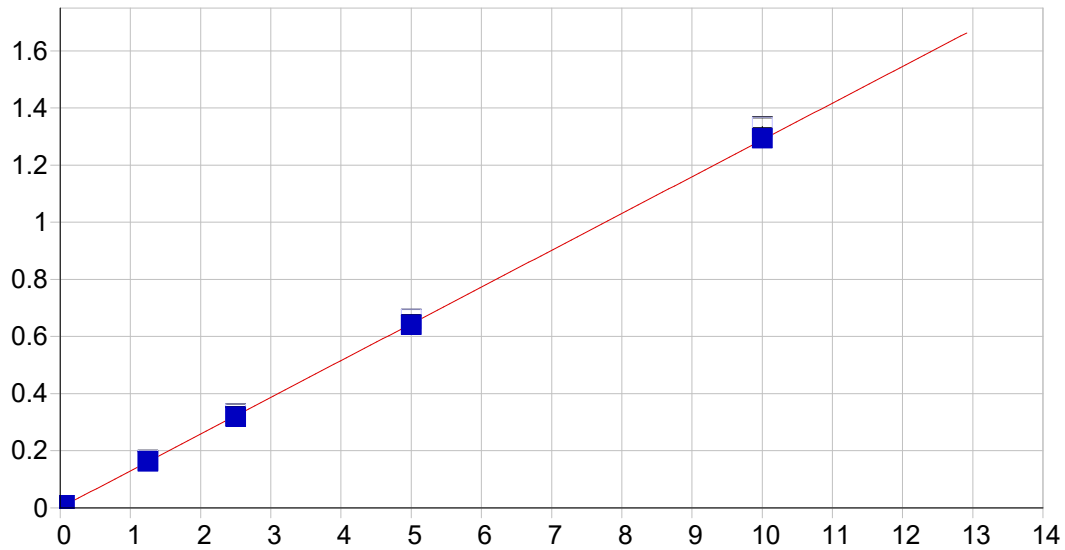


Se 196.090 {472}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000892 Re-Slope: 1.000000
 A1 (Gain): 0.060830 Y-int: 0.000000
 A2 (Curvature): -0.000534
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.004393
 Predicted MQL: 0.014642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00089	.000	1
S1	.03500	.03626	.001	3.61	.00309	.000	1
S2	1.2500	1.2562	.006	.492	.07575	.001	1
S3	2.5000	2.4942	-.006	-.232	.14787	.001	1
S4	5.0000	4.9948	-.005	-.104	.28856	.001	1
S5	10.000	10.004	.004	.036	.55027	.001	1

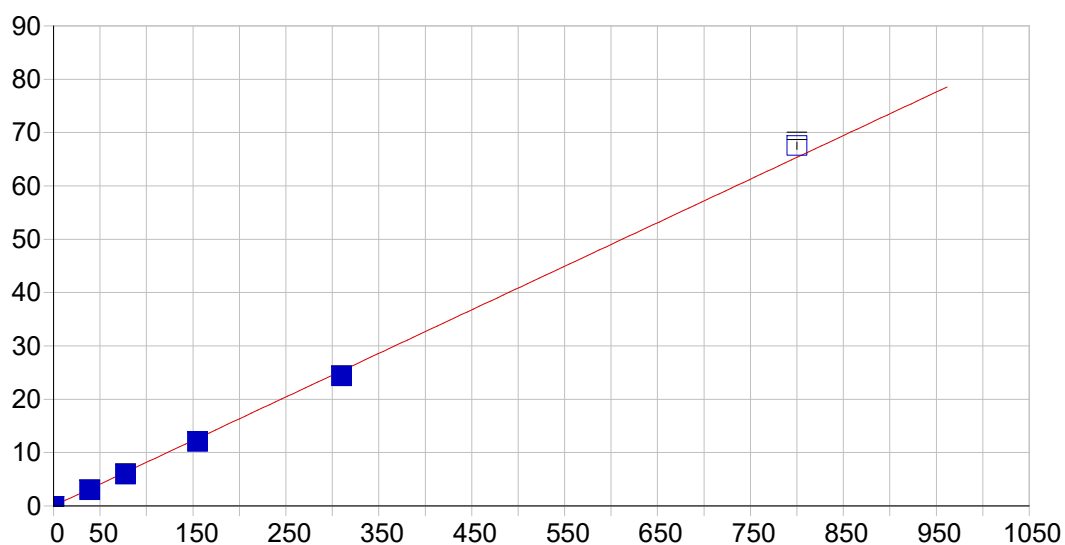


Sb 206.833 {463}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000813 Re-Slope: 1.000000
 A1 (Gain): 0.128731 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002609
 Predicted MQL: 0.008695

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00081	.000	1
S1	.06000	.06077	.001	1.28	.00864	.000	1
S2	1.2500	1.2533	.003	.263	.16706	.000	1
S3	2.5000	2.4763	-.024	-.948	.32941	.000	1
S4	5.0000	4.9728	-.027	-.544	.66062	.000	1
S5	10.000	10.047	.047	.469	1.3335	.002	1

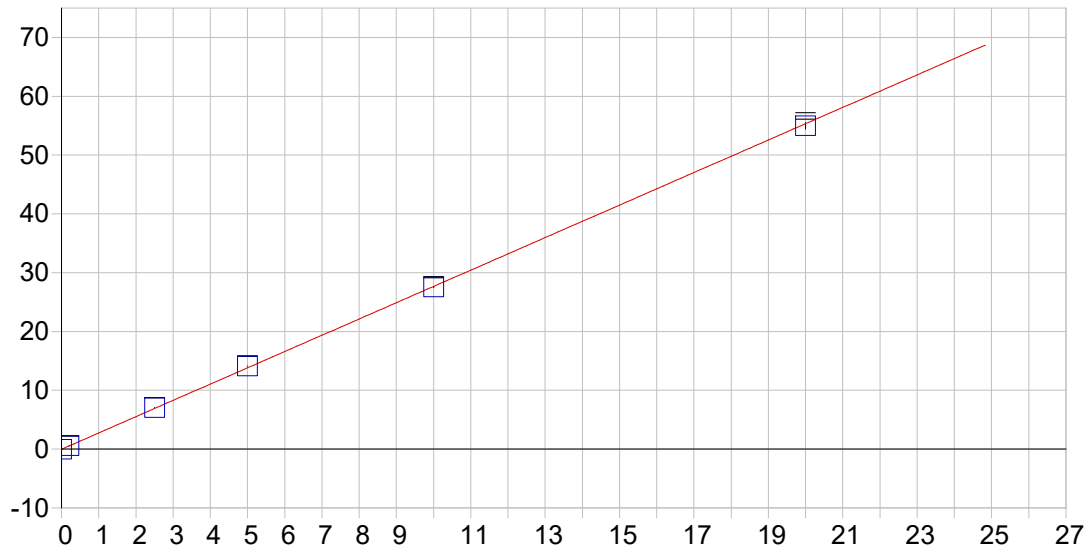


AI 396.152 { 85}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002377 Re-Slope: 1.000000
 A1 (Gain): 0.081691 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999218 Status: OK.
 Std Error of Est: 0.002010
 Predicted MDL: 0.008452
 Predicted MQL: 0.028175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00238	.001	1
S1	.20000	.19550	-.004	-2.25	.01837	.000	1
S2	38.750	36.435	-2.31	-5.97	2.9821	.015	1
S3	77.500	72.798	-4.70	-6.07	5.9560	.026	1
S4	155.00	147.27	-7.73	-4.99	12.046	.041	1
S5	310.00	298.04	-12.0	-3.86	24.376	.026	1
S6	800.00	826.74	26.7	3.34	67.540	.699	1

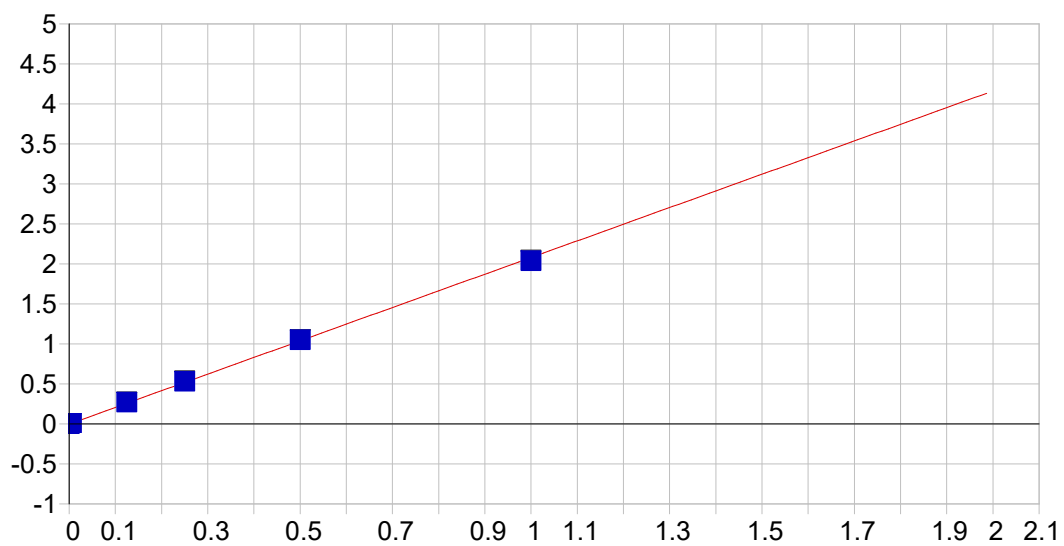


Ba 493.409 { 68}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014467 Re-Slope: 1.000000
 A1 (Gain): 2.767560 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.003396
 Predicted MDL: 0.000707
 Predicted MQL: 0.002357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01452	.001	1
S1	.20000	.21147	.011	5.74	.57079	.001	1
S2	2.5000	2.5533	.053	2.13	7.0518	.010	1
S3	5.0000	5.1058	.106	2.12	14.116	.029	1
S4	10.000	9.9550	-.045	-.450	27.537	.107	1
S5	20.000	19.874	-.126	-.628	54.989	.536	1

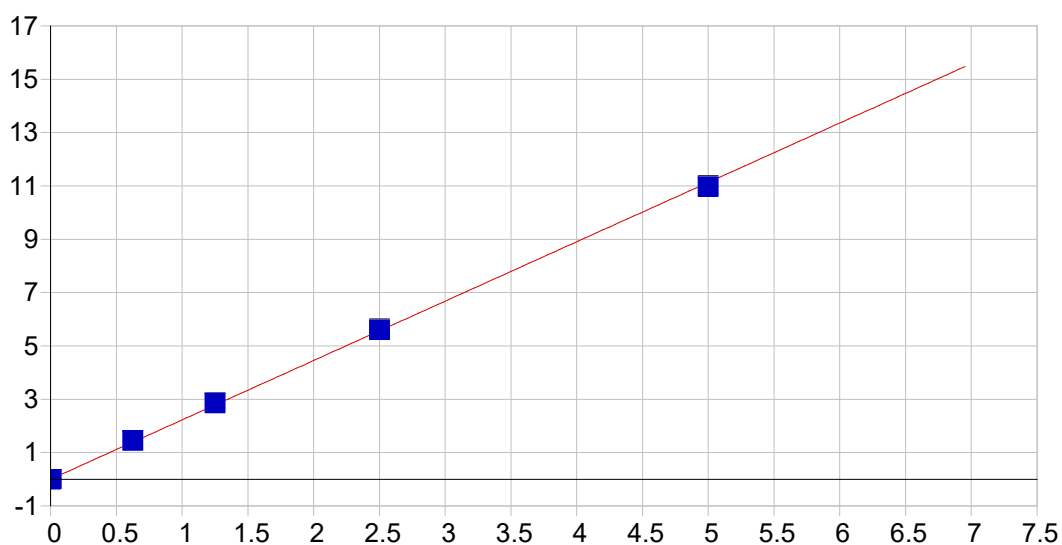


Be 234.861 {144}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001964	Re-Slope:	1.000000
A1 (Gain):	2.081677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000180		
Predicted MDL:	0.000115		
Predicted MQL:	0.000383		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00197	.000	1
S1	.00500	.00581	.001	16.2	.01013	.001	1
S2	.12500	.13085	.006	4.68	.26976	.001	1
S3	.25000	.25624	.006	2.50	.53011	.005	1
S4	.50000	.50620	.006	1.24	1.0491	.002	1
S5	1.0000	.98090	-.019	-1.91	2.0346	.007	1

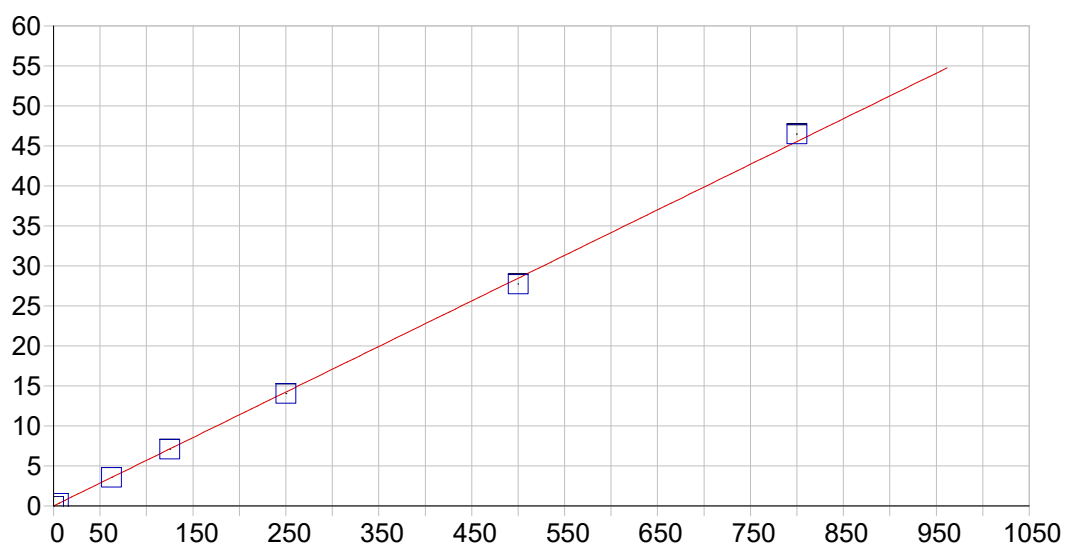


Cd 214.438 {457}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000283 Re-Slope: 1.000000
 A1 (Gain): 2.226372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000331
 Predicted MDL: 0.000148
 Predicted MQL: 0.000492

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00029	.000	1
S1	.00500	.00551	.001	10.2	.01199	.000	1
S2	.02500	.04904	.024	3.85	1.4475	.004	1
S3	.12500	.12814	.031	2.51	2.8581	.010	1
S4	.25000	.25171	.017	.684	5.6147	.016	1
S5	.50000	.49269	-.073	-1.46	10.991	.017	1

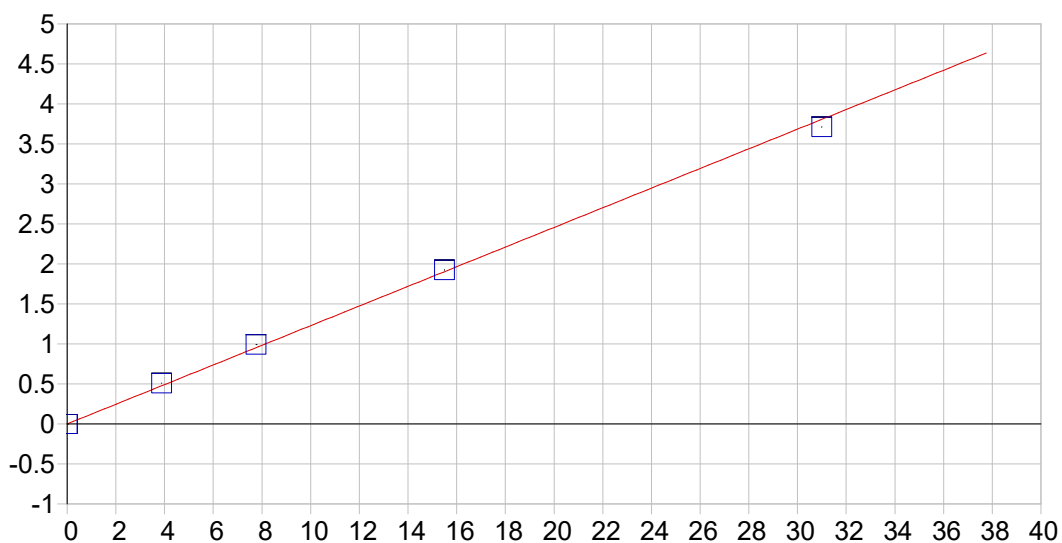


Ca 373.690 { 90}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001686 Re-Slope: 1.000000
 A1 (Gain): 0.056934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.004117
 Predicted MDL: 0.011607
 Predicted MQL: 0.038691

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	.00167	.000	1
S1	5.0000	5.4216	.422	8.43	.31036	.001	1
S2	62.500	62.726	.226	.361	3.5729	.003	1
S3	125.00	124.48	-.522	-.417	7.0887	.008	1
S4	250.00	246.57	-3.43	-1.37	14.040	.016	1
S5	500.00	487.09	-12.9	-2.58	27.733	.059	1
S6	800.00	816.22	16.2	2.03	46.472	.087	1

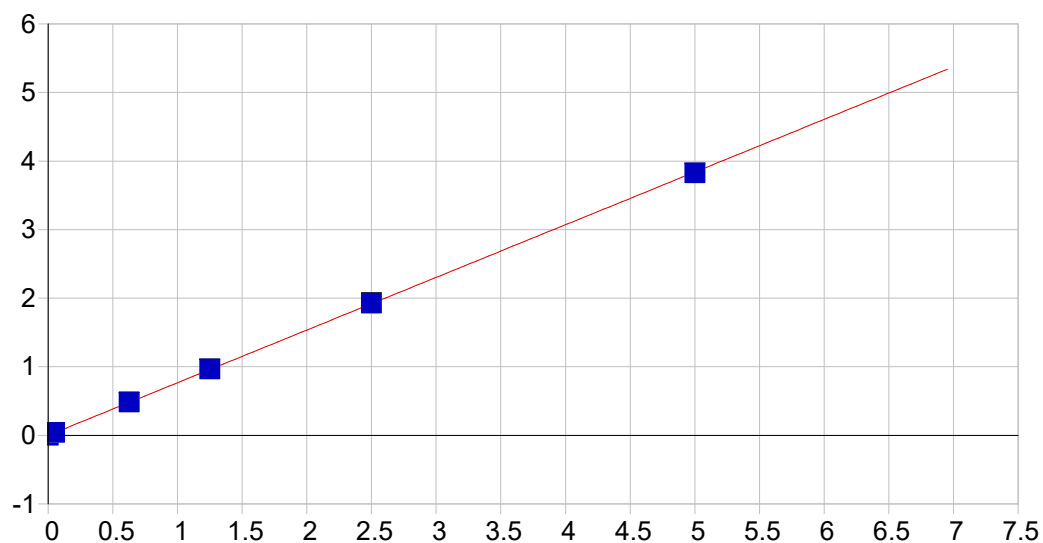


Cr 267.716 {126}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.122805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999533 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000755
 Predicted MQL: 0.002518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.01000	.01144	.001	14.4	.00141	.000	1
S2	3.8750	4.1472	.272	7.02	.50930	.001	1
S3	7.7500	8.0760	.326	4.21	.99178	.001	1
S4	15.500	15.674	.174	1.12	1.9248	.004	1
S5	31.000	30.227	-.773	-2.49	3.7120	.003	1

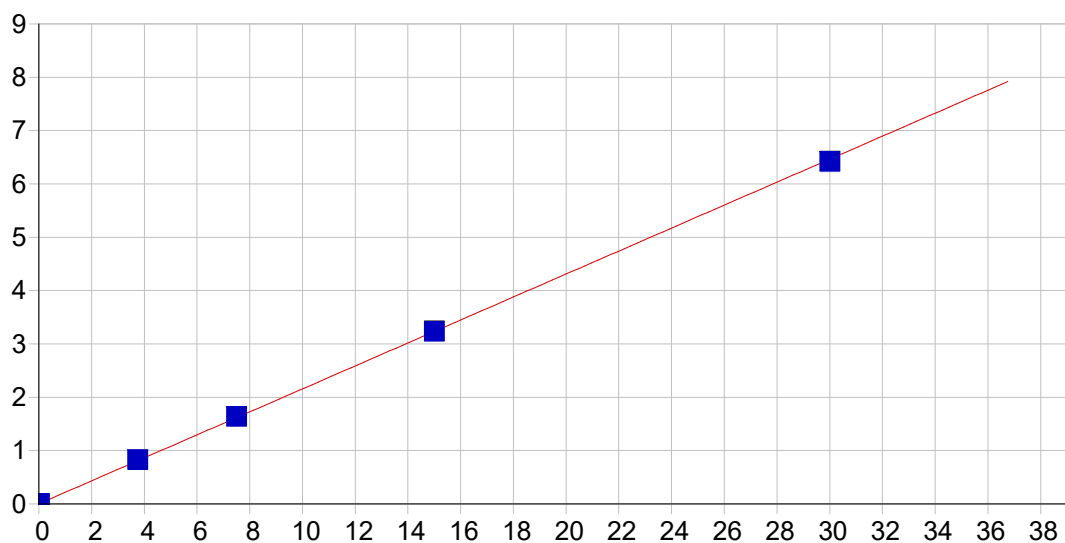


Co 228.616 {448}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000399 Re-Slope: 1.000000
 A1 (Gain): 0.767968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.000414
 Predicted MQL: 0.001381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00040	.000	1
S1	.05000	.05275	.003	5.50	.04024	.000	1
S2	.62500	.62805	.003	.488	.48265	.001	1
S3	1.2500	1.2584	.008	.672	.96745	.001	1
S4	2.5000	2.5064	.006	.256	1.9273	.006	1
S5	5.0000	4.9794	-.021	-.412	3.8294	.003	1

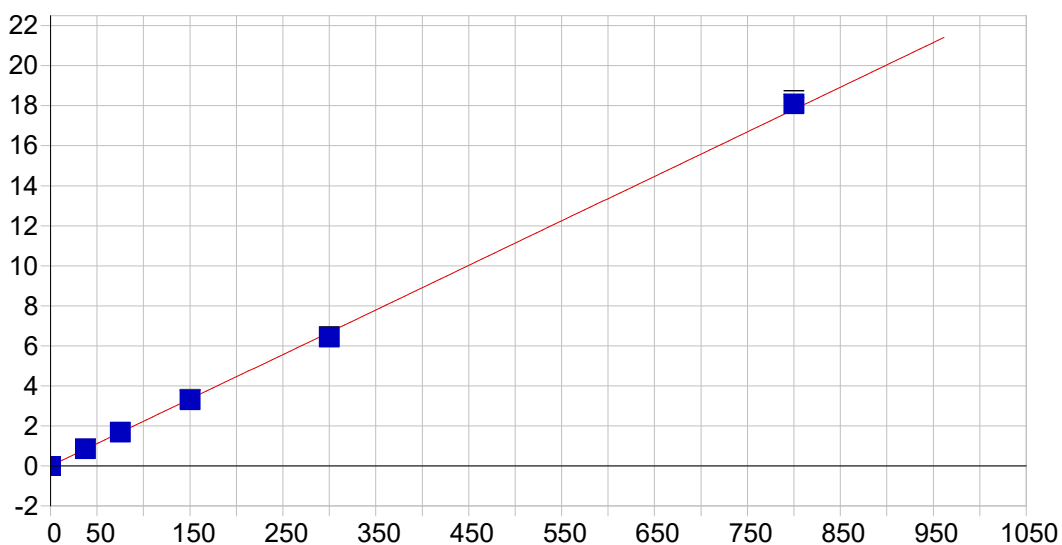


Cu 324.754 {104}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001775 Re-Slope: 1.000000
 A1 (Gain): 0.215421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.002026
 Predicted MQL: 0.006752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00177	.000	1
S1	.02500	.02939	.004	17.6	.00810	.000	1
S2	3.7500	3.8411	.091	2.43	.82814	.004	1
S3	7.5000	7.5946	.095	1.26	1.6356	.002	1
S4	15.000	15.018	.018	.119	3.2325	.005	1
S5	30.000	29.792	-.208	-.693	6.4109	.007	1

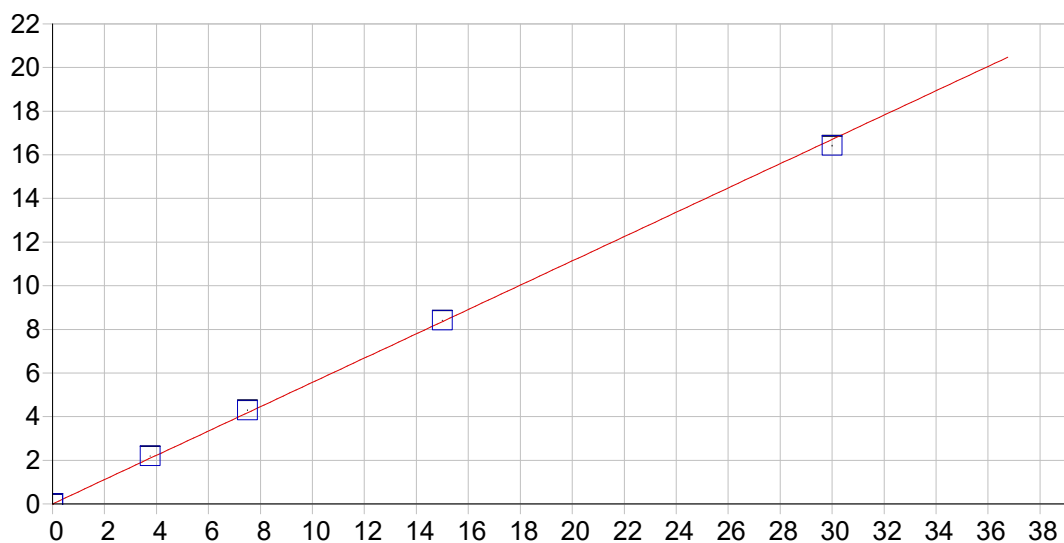


Fe 259.837 {130}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.022261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.008462
 Predicted MQL: 0.028206

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00006	.000	1
S1	.10000	.11390	.014	13.9	.00260	.000	1
S2	37.500	38.367	.867	2.31	.85515	.008	1
S3	75.000	75.072	.072	.096	1.6732	.009	1
S4	150.00	148.12	-1.88	-1.25	3.3014	.023	1
S5	300.00	288.73	-11.3	-3.76	6.4356	.020	1
S6	800.00	812.20	12.2	1.52	18.093	.162	1

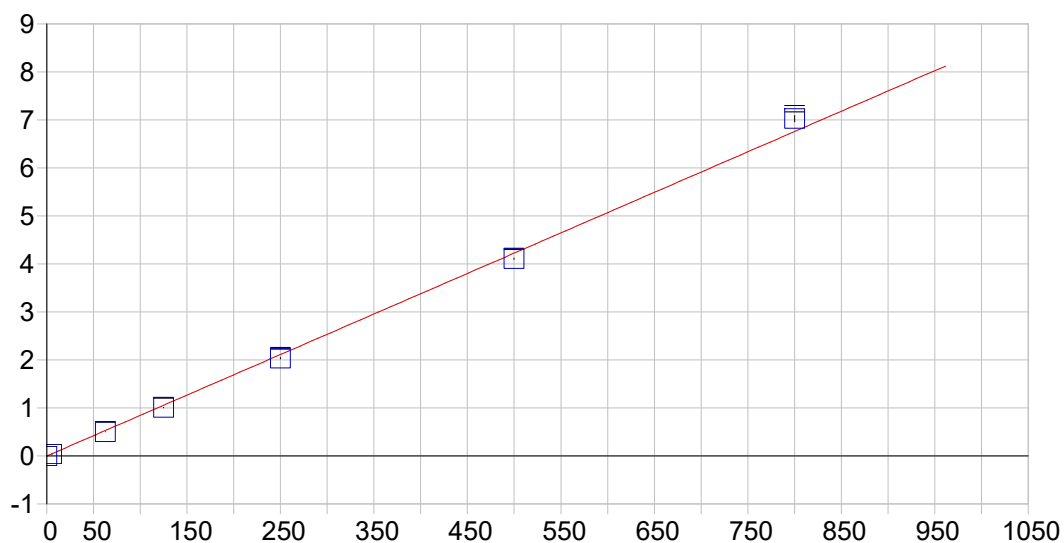


Mn 257.610 {131}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.556906 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000422
 Predicted MDL: 0.000389
 Predicted MQL: 0.001298

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.01500	.01688	.002	12.5	.00964	.000	1
S2	3.7500	3.9370	.187	4.99	2.1928	.004	1
S3	7.5000	7.7169	.217	2.89	4.2979	.013	1
S4	15.000	15.111	.111	.738	8.4155	.006	1
S5	30.000	29.483	-.517	-1.72	16.420	.023	1

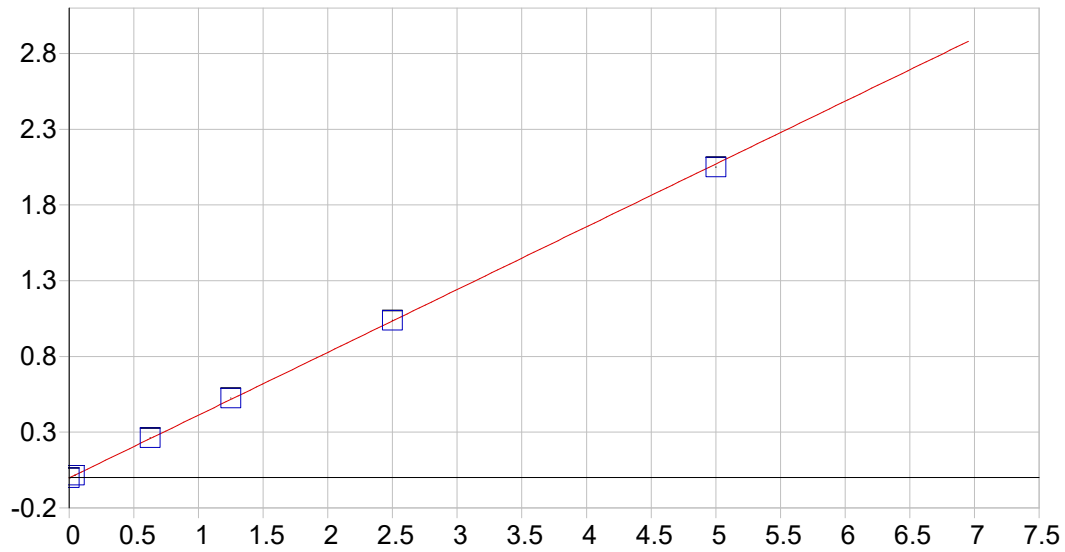


Mg 279.079 {121}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000321	Re-Slope:	1.000000
A1 (Gain):	0.008448	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999317	Status:	OK.
Std Error of Est:	0.001090		
Predicted MDL:	0.026692		
Predicted MQL:	0.088975		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00062	.001	.000	-.00032	.000	1
S1	5.0000	4.9717	-.028	-.565	.04168	.000	1
S2	62.500	59.532	-2.97	-4.75	.50260	.005	1
S3	125.00	118.99	-6.01	-4.81	1.0049	.006	1
S4	250.00	241.07	-8.93	-3.57	2.0362	.015	1
S5	500.00	486.25	-13.7	-2.75	4.1075	.013	1
S6	800.00	831.69	31.7	3.96	7.0257	.065	1

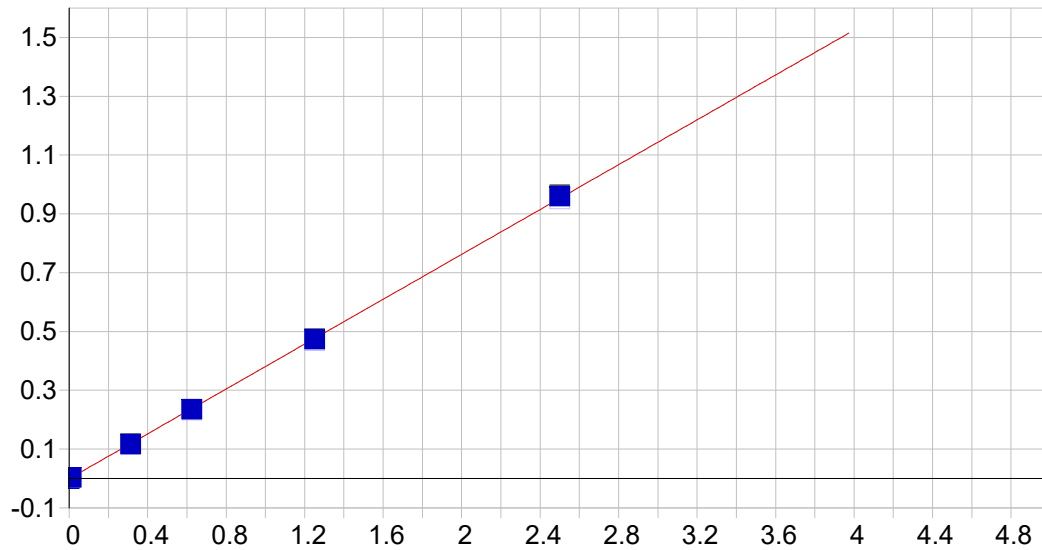


Ni 231.604 {446}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002137 Re-Slope: 1.000000
 A1 (Gain): 0.414548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.000776
 Predicted MQL: 0.002588

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00214	.000	1
S1	.04000	.04358	.004	8.95	.01593	.000	1
S2	.62500	.63922	.014	2.28	.26285	.001	1
S3	1.2500	1.2727	.023	1.82	.52548	.000	1
S4	2.5000	2.5089	.009	.355	1.0379	.003	1
S5	5.0000	4.9506	-.049	-.988	2.0501	.002	1

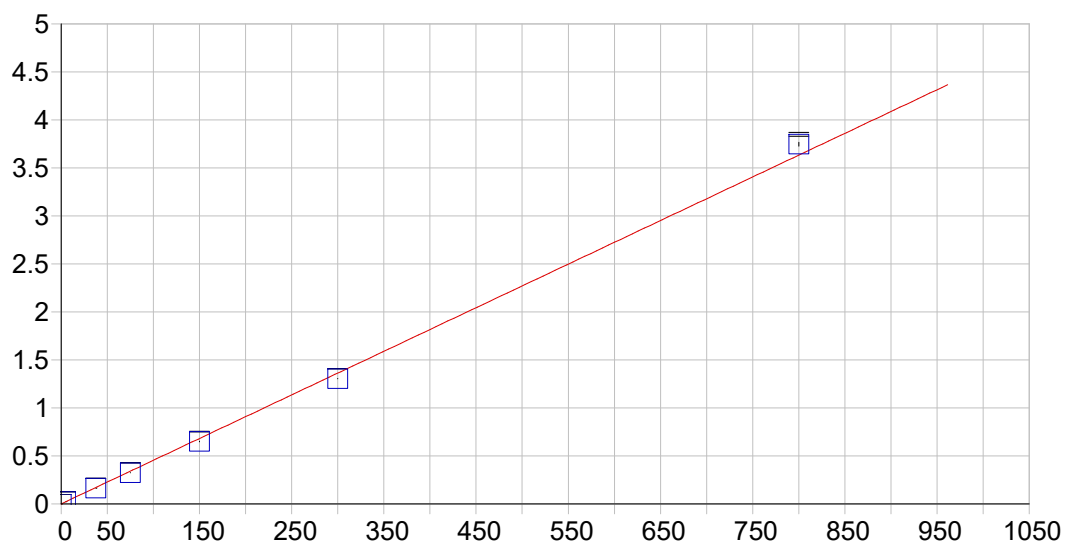


Ag 328.068 {103}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000621	Re-Slope:	1.000000
A1 (Gain):	0.381412	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000029		
Predicted MDL:	0.000462		
Predicted MQL:	0.001541		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.01000	.01051	.001	5.15	.00336	.000	1
S2	.31250	.30739	-.005	-1.64	.11535	.001	1
S3	.62500	.61731	-.008	-1.23	.23229	.001	1
S4	1.2500	1.2431	-.007	-.549	.46845	.001	1
S5	2.5000	2.5191	.019	.766	.95007	.004	1

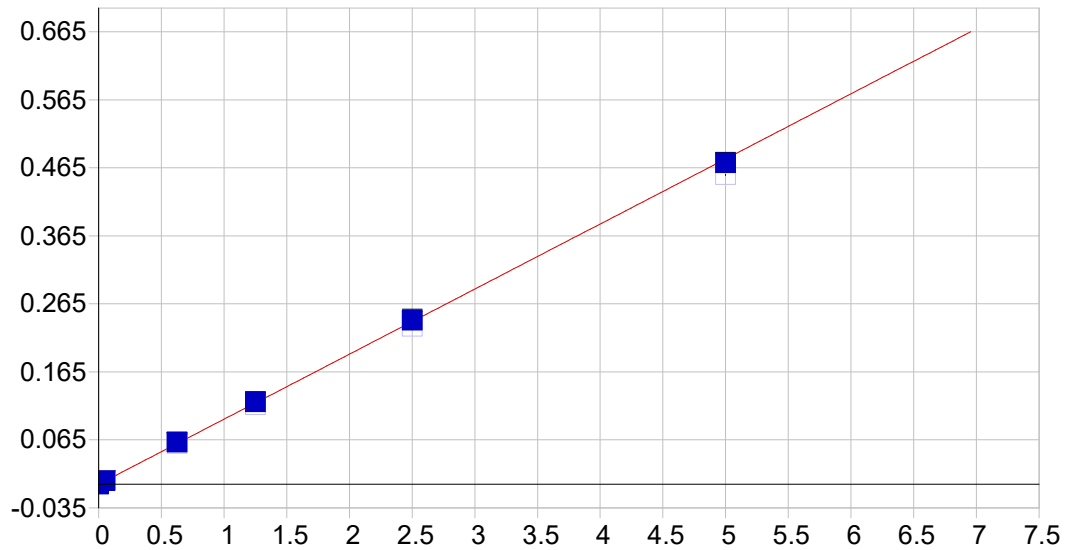


Na 818.326 { 41}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000616	Re-Slope:	1.000000
A1 (Gain):	0.004540	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999311	Status:	OK.
Std Error of Est:	0.000521		
Predicted MDL:	0.257294		
Predicted MQL:	0.857648		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00068	.001	.000	.00062	.001	1
S1	5.0000	5.0760	.076	1.52	.02366	.000	1
S2	37.500	35.794	-1.71	-4.55	.16313	.000	1
S3	75.000	71.281	-3.72	-4.96	.32425	.002	1
S4	150.00	143.22	-6.78	-4.52	.65088	.003	1
S5	300.00	287.24	-12.8	-4.25	1.3048	.003	1
S6	800.00	824.88	24.9	3.11	3.7458	.020	1

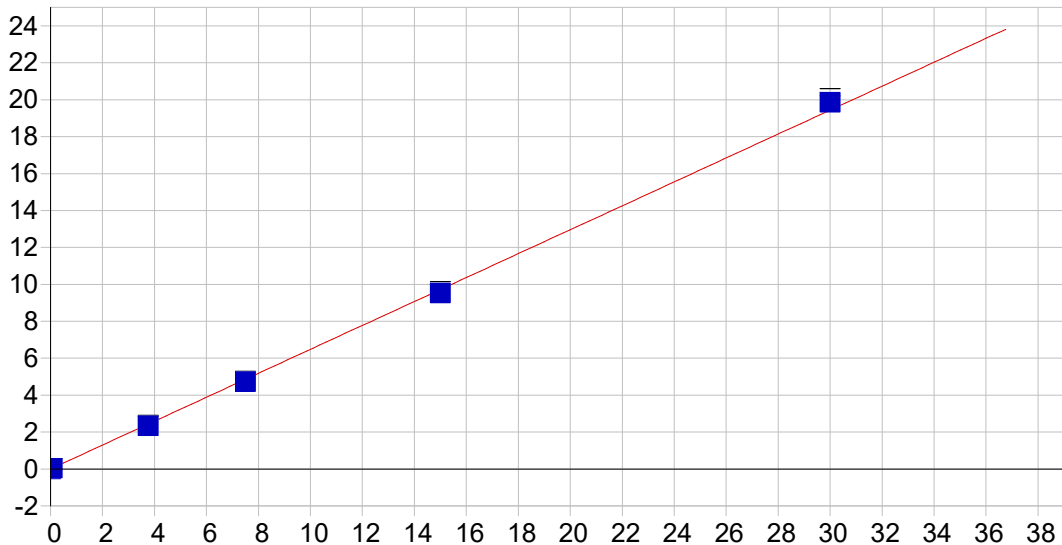


V 292.402 {115}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000289 Re-Slope: 1.000000
 A1 (Gain): 0.095698 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002895
 Predicted MQL: 0.009649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00029	.000	1
S1	.05000	.05634	.006	12.7	.00509	.000	1
S2	.62500	.64717	.022	3.55	.05944	.000	1
S3	1.2500	1.2654	.015	1.23	.11641	.000	1
S4	2.5000	2.5171	.017	.683	.23179	.002	1
S5	5.0000	4.9388	-.061	-1.22	.45474	.001	1

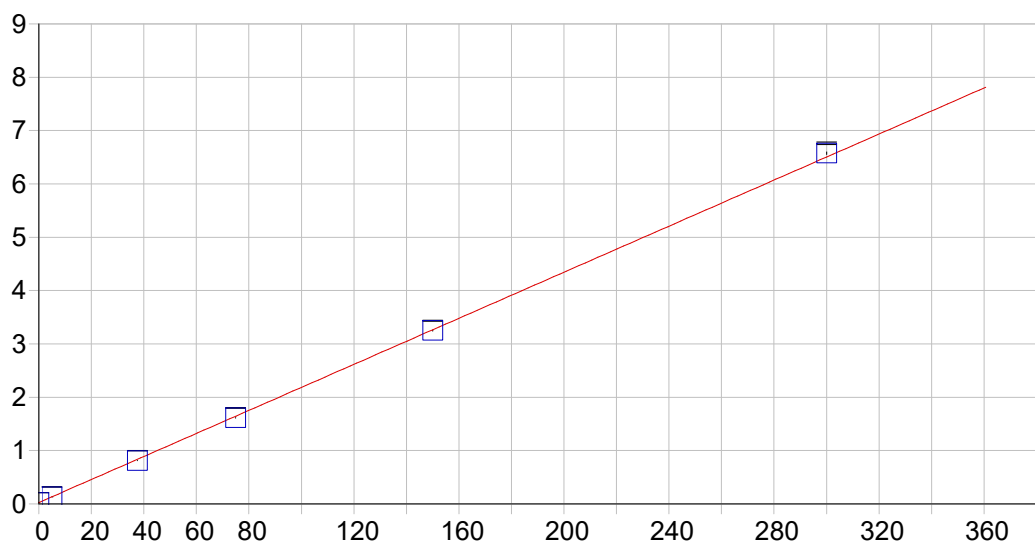


Zn 213.856 {158}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000166	Re-Slope:	1.000000
A1 (Gain):	0.647972	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999724	Status:	OK.
Std Error of Est:	0.001083		
Predicted MDL:	0.001731		
Predicted MQL:	0.005769		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00017	.000	1
S1	.06000	.05818	-.002	-3.03	.03799	.000	1
S2	3.7500	3.6102	-.140	-3.73	2.3414	.028	1
S3	7.5000	7.2924	-.208	-2.77	4.7292	.023	1
S4	15.000	14.700	-.300	-2.00	9.5327	.081	1
S5	30.000	30.650	.650	2.17	19.875	.198	1

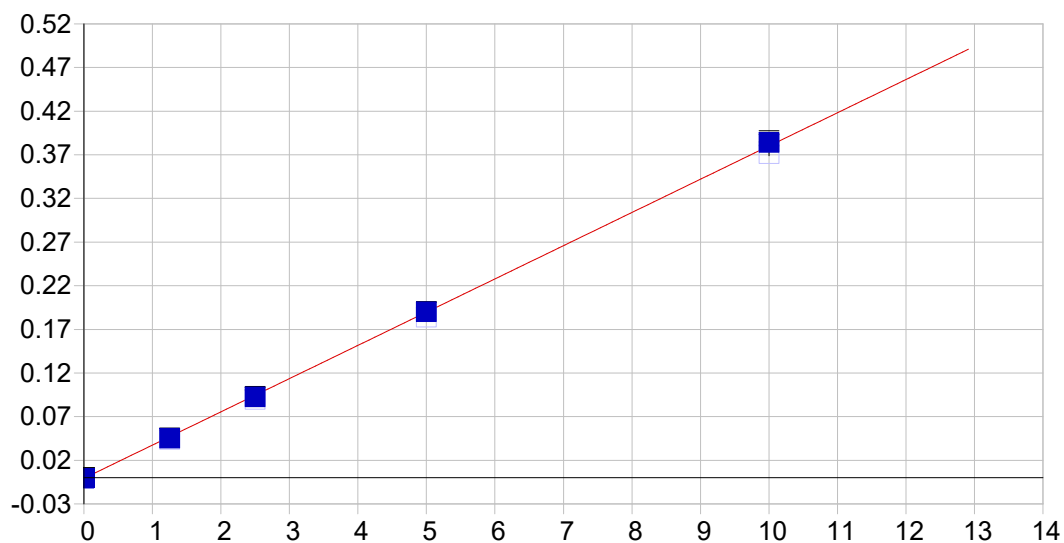


K 769.896 { 44}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025525 Re-Slope: 1.000000
 A1 (Gain): 0.021593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000589
 Predicted MDL: 0.055604
 Predicted MQL: 0.185346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00031	.000	.000	.02553	.002	1
S1	5.0000	4.8948	-.105	-2.10	.13122	.001	1
S2	37.500	36.461	-1.04	-2.77	.81285	.004	1
S3	75.000	73.544	-1.46	-1.94	1.6136	.005	1
S4	150.00	149.29	-.713	-.476	3.2491	.006	1
S5	300.00	303.31	3.31	1.10	6.5751	.024	1

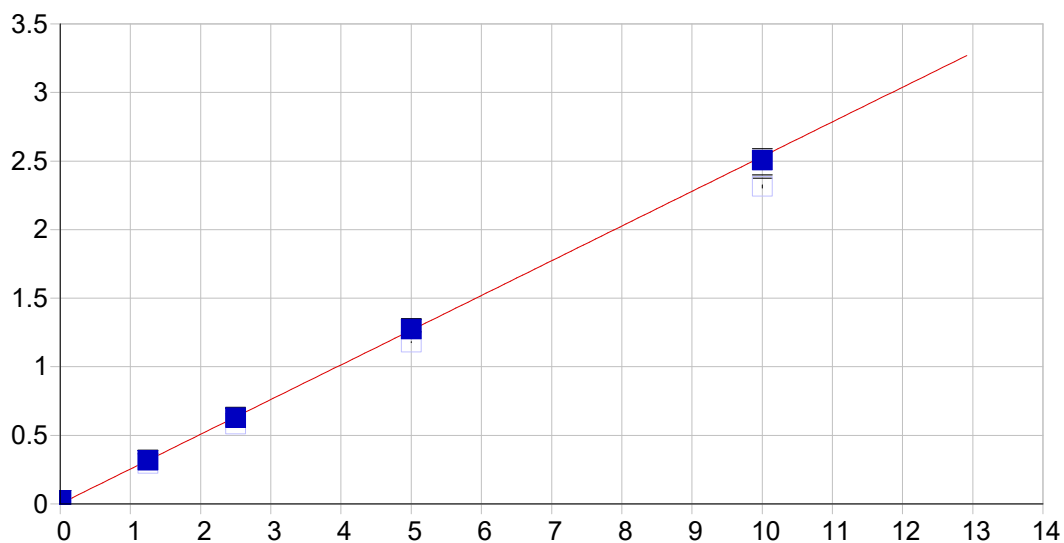


P 177.495 {490}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.038069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.004697
 Predicted MQL: 0.015657

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.01000	.00904	-.001	-9.58	-.00022	.000	1
S2	1.2500	1.2000	-.050	-4.00	.04356	.001	1
S3	2.5000	2.4472	-.053	-2.11	.08946	.000	1
S4	5.0000	5.0064	.006	.127	.18374	.000	1
S5	10.000	10.097	.097	.974	.37126	.002	1

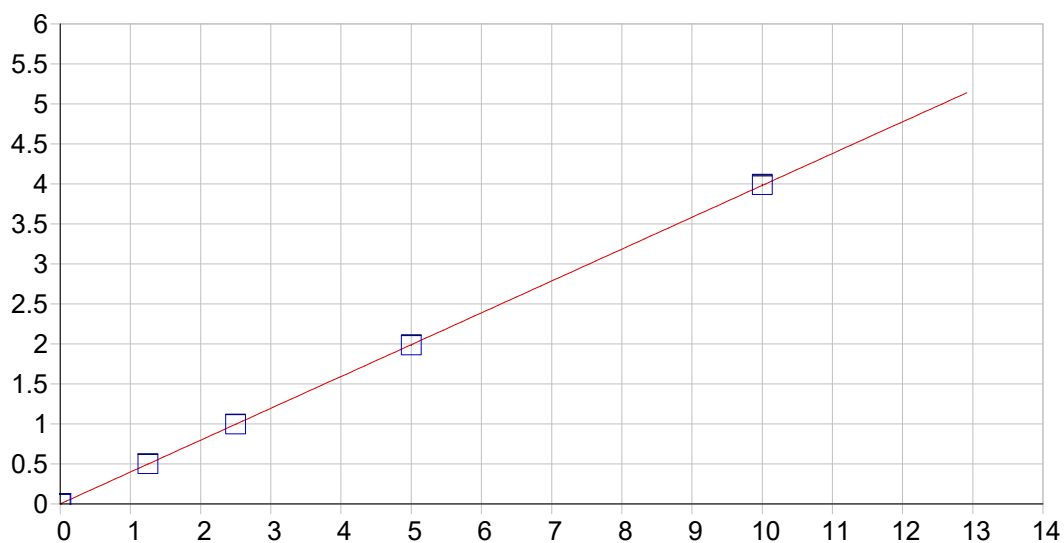


B 249.678 {135}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001592 Re-Slope: 1.000000
 A1 (Gain): 0.253050 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.975314 Status: OK.
 Std Error of Est: 0.000888
 Predicted MDL: 0.001163
 Predicted MQL: 0.003876

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00157	.000	1
S1	.01000	.10053	.091	905.	.02699	.000	1
S2	1.2500	1.2480	-.002	-.156	.29351	.001	1
S3	2.5000	2.4758	-.024	-.969	.58029	.003	1
S4	5.0000	5.0315	.031	.630	1.1792	.003	1
S5	10.000	9.8983	-.102	-1.02	2.3151	.012	1

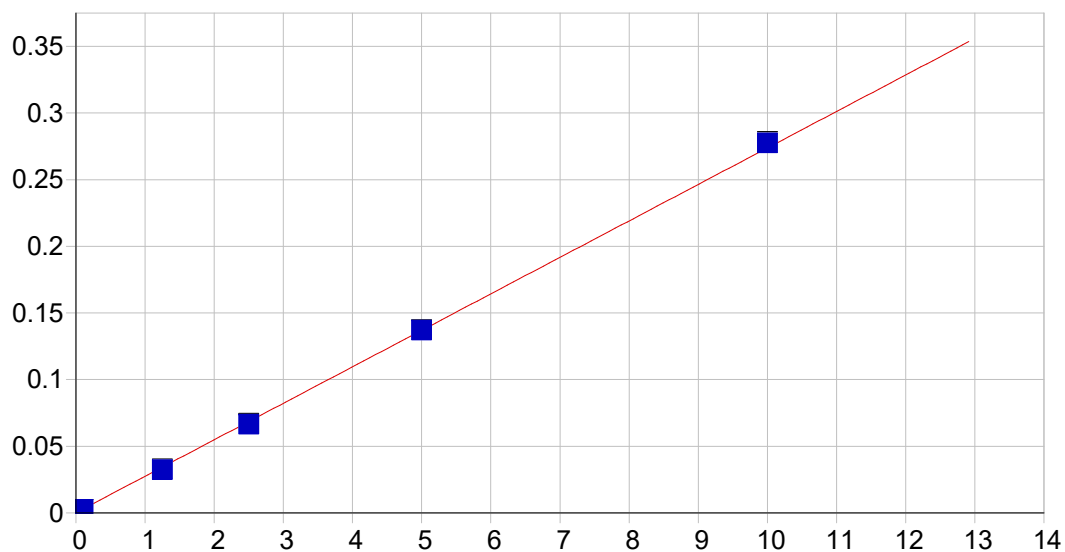


Mo 202.030 {467}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000507 Re-Slope: 1.000000
 A1 (Gain): 0.397996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.000657
 Predicted MQL: 0.002190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.01000	.01080	.001	8.00	.00481	.000	1
S2	1.2500	1.2519	.002	.154	.49877	.002	1
S3	2.5000	2.4968	-.003	-.127	.99423	.003	1
S4	5.0000	4.9865	-.013	-.269	1.9851	.004	1
S5	10.000	10.014	.014	.139	3.9860	.010	1

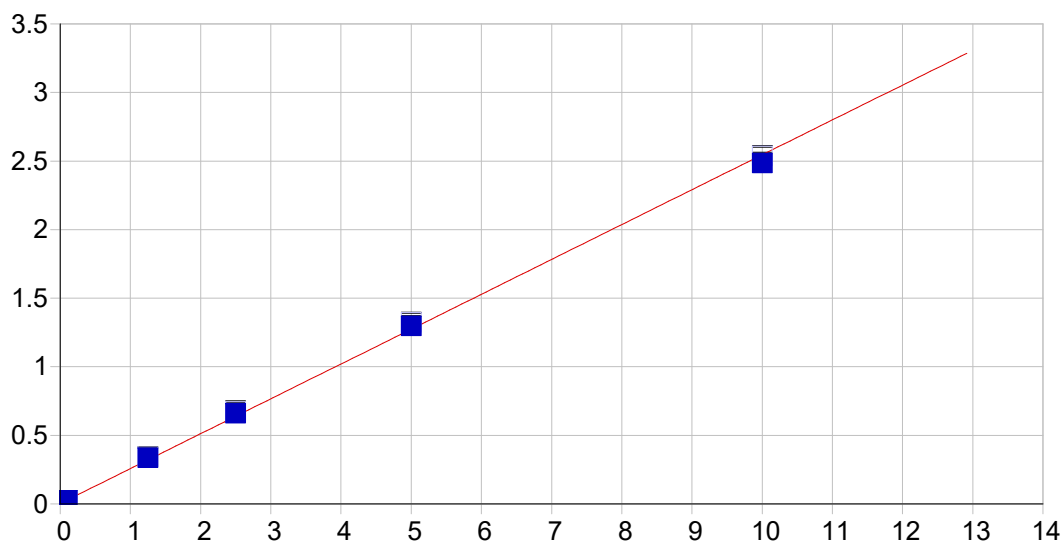


S 182.034 {485}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.027365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999791 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.006929
 Predicted MQL: 0.023096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00015	.000	1
S1	.10000	.09603	-.004	-3.97	.00278	.000	1
S2	1.2500	1.1817	-.068	-5.46	.03248	.000	1
S3	2.5000	2.4290	-.071	-2.84	.06661	.001	1
S4	5.0000	5.0028	.003	.057	.13704	.000	1
S5	10.000	10.140	.140	1.40	.27761	.001	1

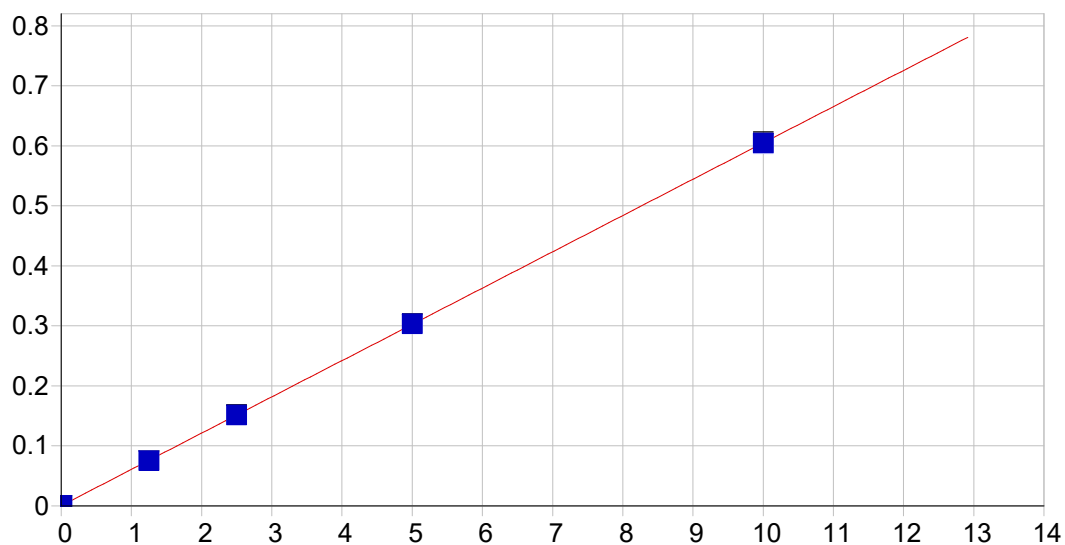


Si 251.611 {134}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003278 Re-Slope: 1.000000
 A1 (Gain): 0.254203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999663 Status: OK.
 Std Error of Est: 0.000357
 Predicted MDL: 0.001214
 Predicted MQL: 0.004046

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00328	.000	1
S1	.10000	.09608	-.004	-3.92	.02798	.000	1
S2	1.2500	1.3111	.061	4.89	.34276	.003	1
S3	2.5000	2.5852	.085	3.41	.67283	.006	1
S4	5.0000	5.0917	.092	1.83	1.3224	.003	1
S5	10.000	9.7660	-.234	-2.34	2.5354	.007	1

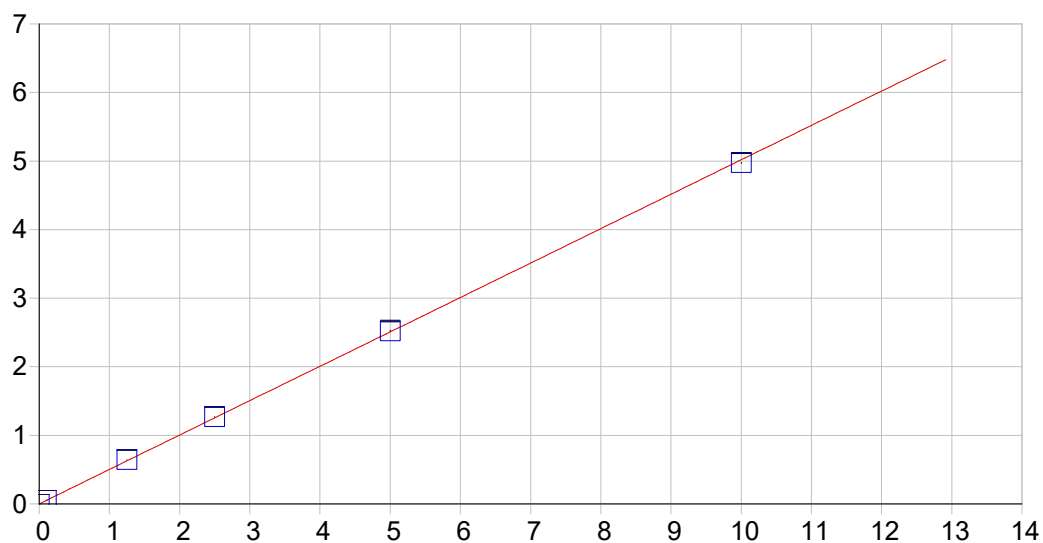


Sn 189.989 {478}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000326	Re-Slope:	1.000000
A1 (Gain):	0.060437	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.002613		
Predicted MQL:	0.008711		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00033	.000	1
S1	.00700	.00067	-.006	-90.5	.00035	.000	1
S2	1.2500	1.2395	-.011	-.841	.07503	.000	1
S3	2.5000	2.4996	-.000	-.018	.15098	.000	1
S4	5.0000	5.0159	.016	.318	.30265	.000	1
S5	10.000	10.001	.001	.012	.60312	.002	1

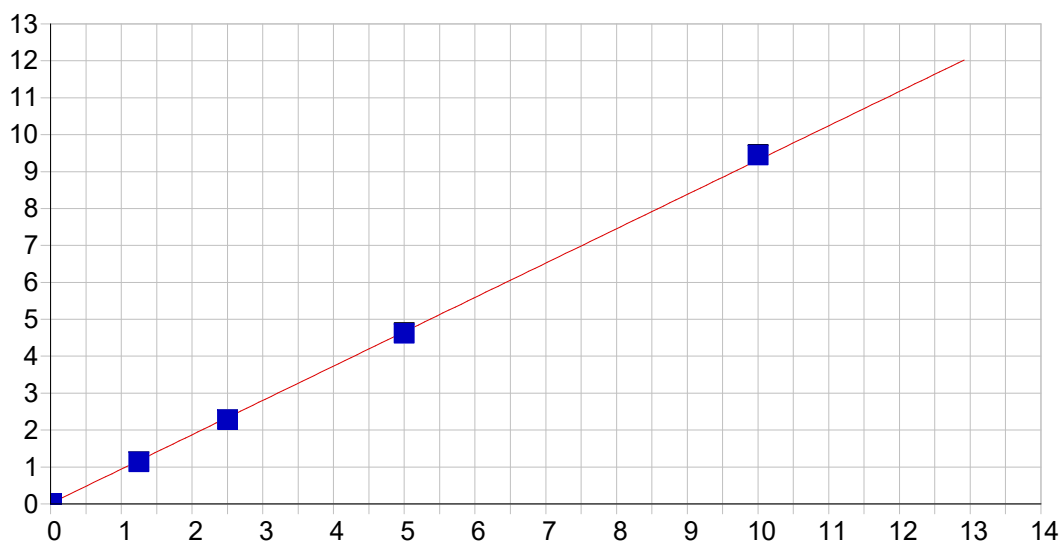


Ti 336.121 {100}

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000648	Re-Slope:	1.000000
A1 (Gain):	0.501665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000320		
Predicted MDL:	0.000971		
Predicted MQL:	0.003237		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00064	.000	1
S1	.10000	.10932	.009	9.32	.05549	.000	1
S2	1.2500	1.2782	.028	2.25	.64186	.002	1
S3	2.5000	2.5274	.027	1.10	1.2686	.005	1
S4	5.0000	5.0243	.024	.485	2.5211	.012	1
S5	10.000	9.9108	-.089	-.892	4.9726	.006	1



Li 670.784 { 50}

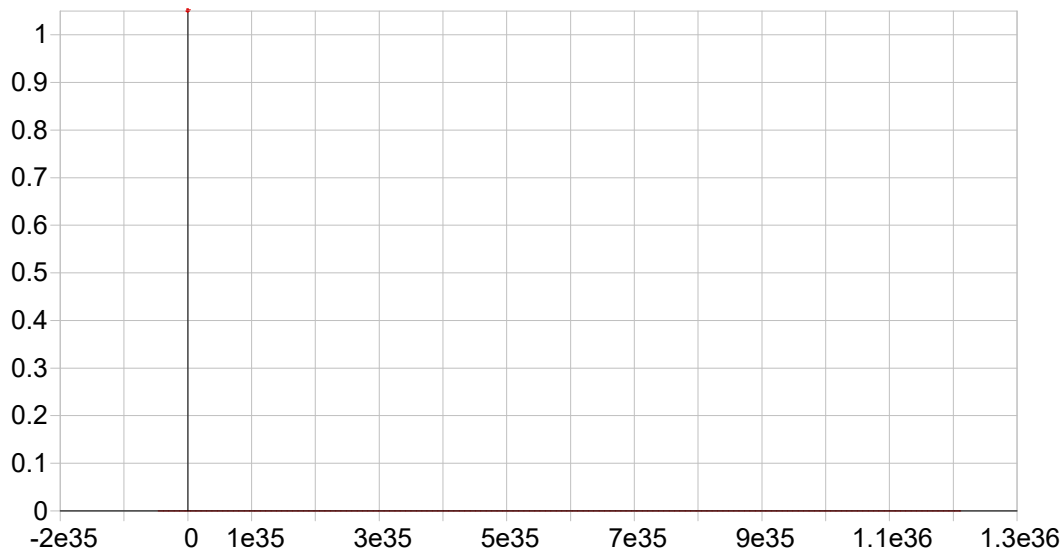
Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012396 Re-Slope: 1.000000
 A1 (Gain): 0.929930 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000326
 Predicted MDL: 0.001340
 Predicted MQL: 0.004467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01240	.000	1
S5	10.000	10.148	.148	1.48	9.4389	.011	1
S4	5.0000	4.9530	-.047	-.940	4.6133	.018	1
S3	2.5000	2.4423	-.058	-2.31	2.2811	.006	1
S2	1.2500	1.2086	-.041	-3.31	1.1350	.004	1
S1	.01500	.01351	-.001	-9.95	.02488	.001	1







Y 224.306 {150}*

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

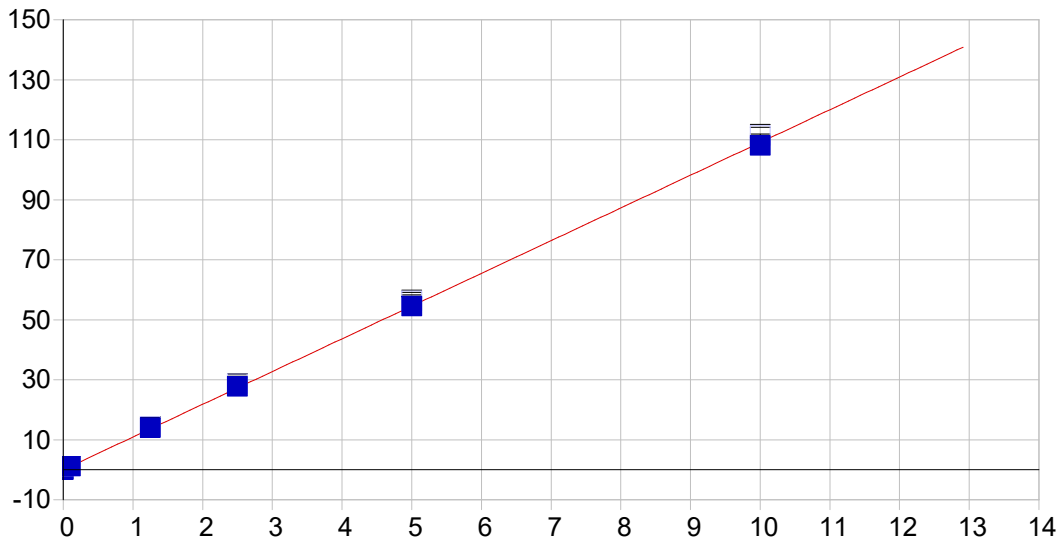
In 230.606 {446}*

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

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

Status: Warning Zero Gain

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

Date of Fit: 08/12/2021 15:28:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000932 Re-Slope: 1.000000
 A1 (Gain): 10.908869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.008312
 Predicted MDL: 0.000066
 Predicted MQL: 0.000219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00110	.000	1
S1	.10000	.11142	.011	11.4	1.2156	.002	1
S2	1.2500	1.2828	.033	2.63	14.402	.077	1
S3	2.5000	2.5464	.046	1.86	28.596	.093	1
S4	5.0000	5.0016	.002	.032	56.197	.359	1
S5	10.000	9.9081	-.092	-.919	111.36	.489	1

Sample Name: S0 Acquired: 08/12/2021 10:21:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	-.00050	-.00106	.00045	.00089	.00081	.00238	-.01452	-.00197
Stddev	.00008	.00007	.00003	.00009	.00026	.00065	.00090	.00023
%RSD	15.281	6.5759	5.8870	10.546	31.405	27.352	6.1760	11.929
#1	-.00056	-.00099	.00048	.00081	.00081	.00298	-.01359	-.00205
#2	-.00041	-.00113	.00046	.00099	.00056	.00248	-.01538	-.00214
#3	-.00052	-.00107	.00043	.00087	.00107	.00168	-.01457	-.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	-.00029	.00167	.00000	-.00040	.00177	.00006	.00023	-.00032
Stddev	.00022	.00018	.00006	.00010	.00032	.00016	.00014	.00011
%RSD	77.947	11.083	22526.	24.372	17.789	284.30	58.273	35.962
#1	-.00017	.00188	-.00004	-.00042	.00212	.00008	.00018	-.00020
#2	-.00054	.00154	.00007	-.00049	.00170	.00020	.00013	-.00043
#3	-.00014	.00159	-.00004	-.00030	.00150	-.00011	.00039	-.00032
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	-.00214	-.00062	.00062	-.00029	.00017	.02553	-.00055	.00157
Stddev	.00019	.00013	.00057	.00017	.00038	.00158	.00011	.00013
%RSD	8.8149	20.937	91.814	60.135	223.42	6.2077	20.324	8.4798
#1	-.00203	-.00072	.00043	-.00041	.00020	.02629	-.00043	.00162
#2	-.00236	-.00047	.00017	-.00009	.00053	.02371	-.00058	.00167
#3	-.00203	-.00067	.00126	-.00036	-.00022	.02660	-.00065	.00142
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	.00051	.00015	.00328	.00033	.00064	.01240	-.00110	
Stddev	.00018	.00004	.00005	.00002	.00004	.00024	.00031	
%RSD	35.115	26.565	1.6227	7.1422	5.5204	1.9642	28.113	
#1	.00057	.00018	.00334	.00034	.00064	.01267	-.00127	
#2	.00064	.00016	.00326	.00030	.00068	.01220	-.00074	
#3	.00031	.00011	.00324	.00034	.00061	.01233	-.00127	

Sample Name: S0 Acquired: 08/12/2021 10:21:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	1589.9	30586.	8465.3	889.67	2017.9
Stddev	5.3	45.	18.8	5.28	2.9
%RSD	.33333	.14831	.22261	.59293	.14547
#1	1586.0	30577.	8476.8	884.15	2014.6
#2	1587.8	30635.	8475.5	890.18	2020.1
#3	1596.0	30546.	8443.5	894.67	2019.1

Sample Name: S1 Acquired: 08/12/2021 10:25:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	-.00010	.00000	.00291	.00309	.00864	.01837	.57079	.01013
Stddev	.00005	.00027	.00061	.00016	.00020	.00044	.00099	.00060
%RSD	44.111	19647.	20.919	5.0411	2.3053	2.4122	.17358	5.8809
#1	-.00015	.00028	.00314	.00321	.00845	.01789	.57113	.00989
#2	-.00006	-.00003	.00222	.00316	.00885	.01848	.57157	.00969
#3	-.00011	-.00025	.00337	.00292	.00860	.01876	.56967	.01081
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	.01199	.31036	.00141	.04024	.00810	.00260	.00964	.04168
Stddev	.00007	.00131	.00007	.00038	.00044	.00002	.00008	.00038
%RSD	.61930	.42080	5.1775	.94216	5.4426	.83508	.78345	.91701
#1	.01201	.30936	.00148	.04034	.00762	.00262	.00958	.04124
#2	.01206	.30988	.00139	.04056	.00849	.00261	.00972	.04189
#3	.01191	.31183	.00134	.03982	.00817	.00257	.00961	.04191
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	.01593	.00336	.02366	.00509	.03799	.13122	-.00022	.02699
Stddev	.00019	.00015	.00013	.00015	.00035	.00053	.00015	.00029
%RSD	1.2108	4.3989	.54238	2.9081	.92617	.40485	70.339	1.0792
#1	.01572	.00349	.02352	.00525	.03837	.13183	-.00014	.02733
#2	.01610	.00320	.02372	.00506	.03793	.13098	-.00012	.02684
#3	.01596	.00341	.02375	.00496	.03767	.13085	-.00039	.02681
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	.00481	.00278	.02798	.00035	.05549	.02488	1.2156	
Stddev	.00031	.00013	.00032	.00010	.00025	.00139	.0024	
%RSD	6.5341	4.6356	1.1608	28.229	.45193	5.5950	.20184	
#1	.00472	.00271	.02809	.00028	.05550	.02604	1.2147	
#2	.00455	.00270	.02762	.00046	.05573	.02526	1.2138	
#3	.00515	.00293	.02824	.00031	.05523	.02334	1.2184	

Sample Name: S1 Acquired: 08/12/2021 10:25:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	1591.3	30878.	8449.1	898.89	2043.2
Stddev	2.0	53.	51.8	3.59	3.4
%RSD	.12392	.17262	.61282	.39968	.16402
#1	1590.3	30825.	8412.9	896.88	2039.4
#2	1590.1	30879.	8508.4	903.04	2044.3
#3	1593.6	30931.	8426.0	896.75	2045.8

Sample Name: S2 Acquired: 08/12/2021 10:29:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	.04402	.06542	1.1758	.07575	.16706	2.9821	7.0518	.26976
Stddev	.00052	.00072	.0043	.00113	.00039	.0152	.0099	.00149
%RSD	1.1784	1.0974	.36387	1.4855	.23095	.50870	.14069	.55227

#1	.04381	.06529	1.1717	.07567	.16732	2.9740	7.0603	.26804
#2	.04461	.06619	1.1757	.07466	.16662	2.9727	7.0409	.27064
#3	.04363	.06478	1.1802	.07691	.16725	2.9996	7.0543	.27060

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	1.4475	3.5729	.50930	.48265	.82814	.85515	2.1928	.50260
Stddev	.0041	.0027	.00084	.00136	.00382	.00790	.0042	.00453
%RSD	.28166	.07565	.16441	.28246	.46128	.92425	.19273	.90211

#1	1.4432	3.5753	.50867	.48125	.82549	.85119	2.1882	.50072
#2	1.4479	3.5734	.50897	.48271	.82642	.85001	2.1936	.49930
#3	1.4513	3.5700	.51025	.48398	.83252	.86425	2.1965	.50777

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	.26285	.11535	.16313	.05944	2.3414	.81285	.04356	.29351
Stddev	.00142	.00063	.00022	.00048	.0280	.00426	.00052	.00118
%RSD	.54080	.54386	.13755	.80613	1.1976	.52439	1.1899	.40300

#1	.26124	.11483	.16330	.05944	2.3469	.80915	.04416	.29244
#2	.26340	.11518	.16321	.05897	2.3110	.81188	.04331	.29478
#3	.26391	.11605	.16287	.05992	2.3663	.81751	.04322	.29331

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	.49877	.03248	.34276	.07503	.64186	1.1350	14.402
Stddev	.00157	.00036	.00275	.00024	.00234	.0038	.077
%RSD	.31395	1.1111	.80375	.32192	.36423	.33241	.53381

#1	.49699	.03290	.33959	.07516	.64059	1.1364	14.390
#2	.49996	.03224	.34454	.07518	.64043	1.1308	14.332
#3	.49935	.03231	.34415	.07475	.64456	1.1379	14.485

Sample Name: S2 Acquired: 08/12/2021 10:29:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	1516.3	30146.	8377.7	860.94	1922.8
Stddev	3.8	55.	46.4	3.10	4.2
%RSD	.24948	.18359	.55387	.35988	.21740
#1	1519.4	30126.	8431.2	862.95	1926.2
#2	1517.3	30209.	8349.6	862.50	1924.1
#3	1512.1	30103.	8352.1	857.37	1918.1

Sample Name: S3 Acquired: 08/12/2021 10:33:07 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	.08825	.13140	2.3485	.14787	.32941	5.9560	14.116	.53011
Stddev	.00090	.00095	.0068	.00092	.00009	.0260	.029	.00471
%RSD	1.0161	.72098	.29044	.62398	.02627	.43650	.20621	.88889

#1	.08725	.13056	2.3406	.14687	.32931	5.9703	14.150	.53340
#2	.08898	.13121	2.3520	.14868	.32946	5.9259	14.099	.52471
#3	.08853	.13243	2.3528	.14806	.32947	5.9716	14.100	.53220

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	2.8581	7.0887	.99178	.96745	1.6356	1.6732	4.2979	1.0049
Stddev	.0100	.0085	.00090	.00130	.0022	.0088	.0133	.0064
%RSD	.35117	.11982	.09089	.13421	.13596	.52471	.30999	.63867

#1	2.8493	7.0961	.99234	.96769	1.6378	1.6775	4.3065	1.0061
#2	2.8560	7.0906	.99226	.96605	1.6333	1.6631	4.3045	.99798
#3	2.8690	7.0794	.99074	.96862	1.6357	1.6790	4.2825	1.0107

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	.52548	.23229	.32425	.11641	4.7292	1.6136	.08946	.58029
Stddev	.00041	.00056	.00186	.00034	.0234	.0052	.00050	.00341
%RSD	.07799	.23968	.57295	.29280	.49447	.32334	.55468	.58841

#1	.52532	.23187	.32418	.11609	4.7073	1.6143	.08946	.58311
#2	.52517	.23292	.32242	.11636	4.7538	1.6081	.08996	.57649
#3	.52594	.23208	.32614	.11677	4.7266	1.6184	.08897	.58125

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	.99423	.06661	.67283	.15098	1.2686	2.2811	28.596
Stddev	.00334	.00058	.00643	.00035	.0052	.0055	.093
%RSD	.33637	.87777	.95521	.23296	.41199	.24253	.32614

#1	.99257	.06594	.67839	.15078	1.2697	2.2849	28.669
#2	.99204	.06696	.66579	.15078	1.2629	2.2747	28.491
#3	.99808	.06694	.67430	.15139	1.2732	2.2837	28.628

Sample Name: S3 Acquired: 08/12/2021 10:33:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	1470.2	29651.	8290.4	825.52	1842.3
Stddev	2.0	61.	24.3	3.70	1.1
%RSD	.13733	.20541	.29308	.44828	.05859
#1	1472.5	29720.	8280.8	829.31	1841.4
#2	1468.6	29606.	8318.1	821.91	1842.0
#3	1469.5	29626.	8272.5	825.35	1843.5

Sample Name: S4 Acquired: 08/12/2021 10:37:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	.17807	.25895	4.6765	.28856	.66062	12.046	27.537	1.0491
Stddev	.00038	.00089	.0109	.00119	.00039	.041	.107	.0020
%RSD	.21123	.34449	.23305	.41176	.05842	.33631	.38848	.19472

#1	.17840	.25792	4.6644	.28879	.66038	12.001	27.418	1.0484
#2	.17815	.25949	4.6857	.28727	.66106	12.060	27.626	1.0474
#3	.17766	.25944	4.6792	.28961	.66041	12.078	27.566	1.0514

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	5.6147	14.040	1.9248	1.9273	3.2325	3.3014	8.4155	2.0362
Stddev	.0164	.016	.0045	.0061	.0046	.0229	.0061	.0149
%RSD	.29249	.11118	.23124	.31662	.14300	.69314	.07290	.72990

#1	5.5958	14.031	1.9278	1.9206	3.2378	3.2749	8.4213	2.0191
#2	5.6254	14.058	1.9197	1.9325	3.2293	3.3139	8.4162	2.0459
#3	5.6230	14.031	1.9269	1.9289	3.2305	3.3152	8.4091	2.0436

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	1.0379	.46845	.65088	.23179	9.5327	3.2491	.18374	1.1792
Stddev	.0028	.00124	.00267	.00193	.0813	.0063	.00044	.0034
%RSD	.26587	.26576	.41036	.83298	.85237	.19244	.23700	.28760

#1	1.0355	.46825	.64781	.22970	9.4407	3.2460	.18416	1.1776
#2	1.0409	.46979	.65224	.23352	9.5947	3.2563	.18329	1.1769
#3	1.0374	.46733	.65260	.23213	9.5628	3.2450	.18379	1.1831

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	1.9851	.13704	1.3224	.30265	2.5211	4.6133	56.197
Stddev	.0044	.00036	.0029	.00038	.0124	.0181	.359
%RSD	.22275	.26343	.21955	.12531	.49051	.39261	.63971

#1	1.9800	.13735	1.3254	.30244	2.5072	4.5925	55.970
#2	1.9873	.13664	1.3196	.30243	2.5307	4.6219	56.612
#3	1.9880	.13711	1.3221	.30309	2.5256	4.6256	56.009

Sample Name: S4 Acquired: 08/12/2021 10:37:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	1392.6	29056.	8137.3	789.49	1730.8
Stddev	1.9	38.	34.3	3.01	4.1
%RSD	.13861	.13141	.42207	.38178	.23496
#1	1393.4	29092.	8172.5	792.21	1732.5
#2	1390.4	29016.	8103.8	786.25	1726.1
#3	1393.9	29061.	8135.5	790.01	1733.7

Sample Name: S5 Acquired: 08/12/2021 10:41:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	.36004	.49848	9.3072	.55027	1.3335	24.376	54.989	2.0346
Stddev	.00114	.00205	.0167	.00100	.0023	.026	.536	.0068
%RSD	.31636	.41145	.17923	.18240	.17413	.10633	.97506	.33511

#1	.36010	.50019	9.3078	.55054	1.3328	24.359	54.475	2.0270
#2	.35888	.49621	9.3236	.54916	1.3315	24.363	54.948	2.0401
#3	.36115	.49904	9.2902	.55112	1.3360	24.406	55.545	2.0366

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.991	27.733	3.7120	3.8294	6.4109	6.4356	16.420	4.1075
Stddev	.017	.059	.0031	.0027	.0067	.0199	.023	.0126
%RSD	.15215	.21109	.08301	.07060	.10447	.30956	.14064	.30565

#1	10.995	27.676	3.7094	3.8324	6.4186	6.4320	16.394	4.1063
#2	11.005	27.793	3.7154	3.8284	6.4066	6.4176	16.438	4.0956
#3	10.973	27.731	3.7112	3.8273	6.4075	6.4570	16.427	4.1206

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	2.0501	.95007	1.3048	.45474	19.875	6.5751	.37126	2.3151
Stddev	.0022	.00407	.0029	.00077	.198	.0241	.00216	.0124
%RSD	.10827	.42889	.21986	.16978	.99845	.36704	.58261	.53346

#1	2.0516	.94993	1.3050	.45443	20.024	6.5988	.37284	2.3045
#2	2.0512	.94606	1.3018	.45416	19.650	6.5506	.36880	2.3287
#3	2.0476	.95421	1.3075	.45561	19.952	6.5759	.37214	2.3122

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	3.9860	.27761	2.5354	.60312	4.9726	9.4389	111.36	
Stddev	.0097	.00082	.0066	.00174	.0064	.0108	.49	
%RSD	.24320	.29624	.26201	.28847	.12874	.11430	.43919	

#1	3.9885	.27844	2.5278	.60499	4.9678	9.4279	110.82	
#2	3.9753	.27680	2.5401	.60284	4.9700	9.4392	111.48	
#3	3.9942	.27757	2.5383	.60154	4.9798	9.4495	111.78	

Sample Name: S5 Acquired: 08/12/2021 10:41:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	1287.0	27923.	7902.9	711.94	1595.7
Stddev	4.2	130.	38.2	9.56	4.2
%RSD	.32368	.46578	.48280	1.3430	.26215
#1	1284.9	27778.	7899.2	703.32	1591.2
#2	1291.8	28030.	7942.8	722.23	1599.4
#3	1284.4	27960.	7866.7	710.27	1596.7

Sample Name: S6 Acquired: 08/12/2021 10:45:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	67.540	46.472	18.093	7.0257	3.7458
Stddev	.699	.087	.162	.0653	.0204
%RSD	1.0347	.18793	.89695	.92969	.54470

#1	67.286	46.453	18.228	7.0802	3.7617
#2	67.003	46.396	18.138	7.0436	3.7529
#3	68.330	46.567	17.913	6.9533	3.7228

Int. Std.	Y_3710
Units	Cts/S
Avg	7807.3
Stddev	51.0
%RSD	.65310

#1	7748.7
#2	7841.1
#3	7832.2

Sample Name: ICV002 Acquired: 08/12/2021 10:49:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.007881	1.060158	.9925457	1.057725	1.015077	2.395201
Stddev	.002495	.011421	.0021278	.004024	.002900	.017795
%RSD	.2475747	1.077311	.2143743	.3804121	.2857204	.7429446

#1	1.006708	1.046970	.9904780	1.054105	1.017971	2.383502
#2	1.006188	1.066739	.9947288	1.057012	1.015089	2.415679
#3	1.010747	1.066766	.9924304	1.062057	1.012171	2.386420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5314498	.5453436	.5412819	10.25054	.5687763	.5247912
Stddev	.0009458	.0014385	.0014509	.00538	.0027998	.0021063
%RSD	.1779709	.2637821	.2680510	.0524977	.4922525	.4013594

#1	.5324282	.5466789	.5396264	10.24437	.5666723	.5233776
#2	.5313809	.5455315	.5418865	10.25295	.5677025	.5237840
#3	.5305403	.5438203	.5423327	10.25429	.5719541	.5272120

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5455081	10.61451	.5345483	5.568306	.5399664	.2331764
Stddev	.0022809	.02570	.0012061	.048579	.0007179	.0006887
%RSD	.4181156	.2421368	.2256209	.8724148	.1329454	.2953566

#1	.5474888	10.62297	.5331777	5.563449	.5396674	.2337400
#2	.5460210	10.63492	.5354474	5.522338	.5394465	.2333807
#3	.5430144	10.58565	.5350197	5.619131	.5407855	.2324087

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.803980	.5367925	.9359820	9.745178	F .0111589	F 1.347288
Stddev	.205094	.0018965	.0018304	.026525	.0024090	.004139
%RSD	2.091949	.3533046	.1955636	.2721829	21.58777	.3071753

#1	9.696995	.5384085	.9365637	9.741649	.0112467	1.351087
#2	10.04045	.5372645	.9339314	9.773290	.0087073	1.347900
#3	9.67450	.5347046	.9374510	9.720594	.0135228	1.342878

Sample Name: ICV002 Acquired: 08/12/2021 10:49:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.347939	F .0077264	F 1.220829	F 1.314043	F 1.387368	F .0096388
Stddev	.003880	.0079484	.001268	.005542	.004611	.0026895
%RSD	.2878535	102.8729	.1038581	.4217542	.3323489	27.90278

#1	1.344086	.0027822	1.221686	1.308012	1.386498	.0116940
#2	1.347887	.0168950	1.221429	1.318912	1.392352	.0106277
#3	1.351845	.0035021	1.219372	1.315205	1.383254	.0065949

Elem	Sr4077
Units	ppm
Avg	F -.009298
Stddev	.000100
%RSD	1.073422

#1	-.009314
#2	-.009389
#3	-.009191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1557.524	30675.92	8426.455	889.0109	2008.482
Stddev	1.668	94.16	13.030	3.5320	3.388
%RSD	.1071215	.3069517	.1546354	.3972934	.1687053

#1	1559.428	30772.71	8419.916	885.1639	2011.977
#2	1556.317	30584.63	8417.989	889.7619	2005.211
#3	1556.828	30670.44	8441.460	892.1071	2008.259

Sample Name: ICB002 Acquired: 08/12/2021 10:54:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020384	-.002129	.0016161	-.000379	-.000812	-.000997	-.001820
Stddev	.0050961	.003551	.0023301	.001254	.002076	.009218	.000566
%RSD	250.0052	166.7949	144.1762	330.9950	255.7212	924.5028	31.10943

#1	.0040336	-.000056	.0042164	.000775	.001428	-.007398	-.001223
#2	.0058350	-.000102	-.000283	-.000198	-.002672	-.005162	-.002349
#3	-.003753	-.006230	.000915	-.001713	-.001192	.009568	-.001889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000152	.0000730	-.004381	-.000065	.0004018	.0022658	.0029530
Stddev	.0000284	.0000384	.008810	.000237	.0000475	.0005294	.0067523
%RSD	186.2164	52.55227	201.0773	364.9096	11.82889	23.36507	228.6591

#1	.0000403	.0000463	-.013151	-.000276	.0003508	.0017523	.0096878
#2	-.000016	.0001170	.004468	-.000111	.0004448	.0022353	-.003817
#3	.000021	.0000557	-.004460	.000192	.0004097	.0028098	.002988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004641	.0327808	.0001344	-.000127	-.006828	-.000181	-.000560
Stddev	.0003570	.0241862	.0003744	.000427	.211075	.001063	.000571
%RSD	76.92011	73.78167	278.4786	337.5110	3091.498	587.6359	102.0030

#1	.0007920	.0291695	.0002622	-.000543	-.192482	-.001357	-.000992
#2	.0000839	.0585697	-.000287	-.000149	.222755	.000105	.000087
#3	.0005163	.0106033	.000428	.000311	-.050756	.000710	-.000775

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064533	-.001993	.0080441	.0009385	.0016505	-.002185	-.003365
Stddev	.0617804	.001427	.0006517	.0003898	.0090043	.001425	.000759
%RSD	957.3509	71.63748	8.101404	41.53737	545.5548	65.21471	22.56801

#1	.0750939	-.001634	.0087175	.0008956	-.001550	-.002350	-.002965
#2	-.011040	-.000779	.0079983	.0005719	-.005317	-.000684	-.002890
#3	-.044695	-.003565	.0074166	.0013480	.011818	-.003519	-.004241

Sample Name: ICB002 Acquired: 08/12/2021 10:54:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006491	.0005707	-.000009
Stddev	.0002864	.0004307	.000066
%RSD	44.11923	75.47340	744.7606

#1	.0003931	.0009083	-.000085
#2	.0009584	.0007181	.000031
#3	.0005958	.0000856	.000028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1568.211	30724.30	8402.351	894.3263	2009.032
Stddev	2.205	48.97	43.068	5.5940	3.592
%RSD	.1406163	.1593735	.5125761	.6254971	.1787840

#1	1565.898	30728.37	8402.977	889.5426	2005.111
#2	1568.447	30771.11	8358.972	900.4771	2009.821
#3	1570.289	30673.43	8445.103	892.9591	2012.164

Sample Name: ICSA002 Acquired: 08/12/2021 10:58:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007088	.0003071	-.000889	.0263664	-.000928	243.1314	.0038827
Stddev	.001413	.0057921	.003233	.0085725	.004663	.6746	.0009382
%RSD	19.94244	1886.041	363.6442	32.51307	502.6341	.2774824	24.16276

#1	-.005695	.0043419	.002834	.0164762	-.000397	243.3162	.0044325
#2	-.008521	.0029092	-.002512	.0316663	-.005834	243.6943	.0027994
#3	-.007047	-.006330	-.002989	.0309567	.003447	242.3836	.0044160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012917	-.001260	252.5035	.0616918	-.001501	.0084770	103.1339
Stddev	.0000796	.000151	.3708	.0005723	.000392	.0017718	.7175
%RSD	6.166773	11.99006	.1468658	.9276654	26.10334	20.90077	.6957083

#1	.0013676	-.001395	252.5341	.0611808	-.001114	.0090561	102.9480
#2	.0012088	-.001097	252.1183	.0615845	-.001897	.0098867	103.9261
#3	.0012986	-.001289	252.8580	.0623102	-.001492	.0064881	102.5277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105988	245.8310	.0006713	.0036657	.0920899	.0030298	.0098679
Stddev	.0009041	1.2483	.0014542	.0003730	.1978310	.0020971	.0019942
%RSD	8.529839	.5077820	216.6310	10.17453	214.8238	69.21721	20.20890

#1	.0109211	245.7088	.0002547	.0037420	-.119066	.0047507	.0111845
#2	.0095778	247.1359	.0022882	.0039946	.273147	.0036447	.0108456
#3	.0112977	244.6484	-.000529	.0032604	.122188	.0006939	.0075735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.159791	-.009713	-.000457	.0009131	-.001773	-.002485	-.001405
Stddev	.024928	.000386	.001576	.0007205	.005288	.001729	.003406
%RSD	15.60053	3.974178	344.5132	78.90387	298.2224	69.56117	242.4490

#1	-.169310	-.009849	-.002275	.0002862	.003494	-.004420	-.005284
#2	-.178558	-.009278	.000532	.0017002	-.001732	-.001093	.001095
#3	-.131506	-.010013	.000371	.0007529	-.007082	-.001942	-.000026

Sample Name: ICSA002 Acquired: 08/12/2021 10:58:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002326	.0050650	.0058232
Stddev	.000802	.0004299	.0005194
%RSD	34.46243	8.487268	8.919312

#1	-.002818	.0045981	.0060380
#2	-.001401	.0051524	.0052309
#3	-.002759	.0054444	.0062008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.215	29390.24	8223.085	838.1555	1803.914
Stddev	1.382	40.65	19.563	2.1746	5.041
%RSD	.0943593	.1382970	.2379040	.2594534	.2794511

#1	1463.979	29343.31	8233.563	840.3102	1809.120
#2	1465.699	29414.29	8200.515	838.1949	1803.565
#3	1462.966	29413.13	8235.177	835.9615	1799.056

Sample Name: ICSAB002 Acquired: 08/12/2021 11:02:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0893116	.0945087	.0472241	.0747095	.5976333	239.4736	.5242387
Stddev	.0092253	.0056588	.0033165	.0026596	.0058737	.4081	.0016679
%RSD	10.32935	5.987553	7.022839	3.559856	.9828215	.1703990	.3181627

#1	.0852018	.0998760	.0444600	.0774791	.5944361	239.5337	.5227303
#2	.0828554	.0950524	.0463109	.0721757	.6044120	239.0388	.5260300
#3	.0998776	.0885977	.0509015	.0744736	.5940518	239.8482	.5239557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321331	1.034679	248.7927	.5952052	.5120876	.5242161	101.4549
Stddev	.0024958	.002409	.4410	.0004367	.0024210	.0023137	.4520
%RSD	.4690082	.2328456	.1772599	.0733764	.4727778	.4413552	.4455489

#1	.5311973	1.032370	248.2890	.5952944	.5095331	.5247163	101.8616
#2	.5349615	1.034490	249.1094	.5955904	.5123813	.5216932	100.9682
#3	.5302404	1.037177	248.9797	.5947307	.5143484	.5262387	101.5349

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153948	241.3608	1.037179	.2066331	.1582933	.5276087	.9685668
Stddev	.0020630	1.0426	.001279	.0012584	.2057694	.0045344	.0100023
%RSD	.4002759	.4319798	.1232796	.6090127	129.9924	.8594171	1.032694

#1	.5133024	242.1193	1.035737	.2073268	.3613362	.5322950	.9708375
#2	.5174271	240.1718	1.037625	.2051805	.1636420	.5232433	.9576243
#3	.5154548	241.7913	1.038174	.2073920	-.050098	.5272879	.9772385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.270307	-.002292	-.000838	.0003414	.0012949	-.003864	-.000290
Stddev	.028850	.005478	.000592	.0001141	.0049229	.000215	.003403
%RSD	10.67298	239.0007	70.57813	33.41056	380.1861	5.555692	1171.829

#1	-.265523	-.008395	-.000606	.0004584	.0064123	-.004048	.000082
#2	-.301250	.002199	-.001511	.0003356	-.003407	-.003914	.002911
#3	-.244148	-.000680	-.000398	.0002304	.000879	-.003628	-.003864

Sample Name: ICSAB002 Acquired: 08/12/2021 11:02:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002166	.0026142	.0058423
Stddev	.000574	.0002315	.0005372
%RSD	26.49139	8.854549	9.194578

#1	-.001631	.0023472	.0052842
#2	-.002096	.0027569	.0063557
#3	-.002772	.0027387	.0058871

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.971	29366.34	8245.240	834.9632	1803.049
Stddev	3.247	79.20	16.682	5.4794	4.086
%RSD	.2219162	.2697051	.2023227	.6562478	.2266052

#1	1460.641	29409.22	8228.855	833.7566	1802.769
#2	1466.680	29414.86	8244.661	840.9454	1807.268
#3	1461.593	29274.94	8262.204	830.1877	1799.111

Sample Name: CCV055 Acquired: 08/12/2021 11:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808446	4.858423	24.67356	4.703052	4.858417	397.6768	9.907535
Stddev	.012469	.015167	.03294	.031218	.009319	2.6585	.019777
%RSD	.2593193	.3121888	.1334921	.6637844	.1918123	.6684959	.1996166

#1	4.818357	4.860859	24.70313	4.677874	4.849673	394.7625	9.926354
#2	4.812537	4.872225	24.67949	4.737982	4.868221	399.9693	9.886922
#3	4.794446	4.842185	24.63806	4.693300	4.857356	398.2985	9.909328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5017039	2.477691	400.3432	15.17701	2.498735	14.97432	408.5153
Stddev	.0036083	.001539	1.0881	.03094	.004047	.00832	1.4018
%RSD	.7192091	.0621133	.2717926	.2038935	.1619613	.0555304	.3431371

#1	.4975580	2.478747	399.0922	15.20638	2.503156	14.96483	409.5705
#2	.5041358	2.478399	400.8670	15.14470	2.497837	14.97779	406.9247
#3	.5034178	2.475925	401.0703	15.17996	2.495213	14.98033	409.0507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69456	401.5600	2.480039	1.263862	398.3756	2.498596	14.83245
Stddev	.02455	1.0634	.004290	.009975	.9690	.019107	.08064
%RSD	.1670347	.2648116	.1729690	.7892557	.2432444	.7647239	.5436405

#1	14.66857	402.4204	2.483313	1.274952	399.1365	2.514953	14.89261
#2	14.69775	400.3712	2.481620	1.261010	397.2847	2.477595	14.86391
#3	14.71735	401.8885	2.475183	1.255623	398.7057	2.503241	14.74083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3604	5.042671	4.955851	4.883024	5.077793	4.928535	5.016105
Stddev	.3135	.019429	.027021	.006895	.025636	.043470	.007943
%RSD	.2057596	.3853001	.5452278	.1412128	.5048666	.8820005	.1583530

#1	152.6724	5.041756	4.925664	4.876472	5.097820	4.879765	5.021788
#2	152.0454	5.062542	4.964114	4.890218	5.086657	4.963201	5.019499
#3	152.3634	5.023715	4.977775	4.882381	5.048901	4.942639	5.007029

Sample Name: CCV055 Acquired: 08/12/2021 11:06:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.994106	5.064445	4.733677
Stddev	.005004	.010107	.016188
%RSD	.1002065	.1995744	.3419700

#1	4.996053	5.063862	4.750481
#2	4.988421	5.054642	4.718185
#3	4.997844	5.074831	4.732365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.850	28279.43	7983.049	760.4561	1618.997
Stddev	3.236	123.41	2.601	5.7071	3.775
%RSD	.2409678	.4364029	.0325829	.7504812	.2331440

#1	1344.013	28156.05	7980.437	756.3535	1617.041
#2	1339.193	28402.88	7983.070	758.0413	1616.601
#3	1345.343	28279.36	7985.639	766.9737	1623.348

Sample Name: CCB055 Acquired: 08/12/2021 11:10:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000231	-.004431	.0028865	.0027652	-.002932	-.000084
Stddev	.006398	.001562	.0003558	.0019554	.001275	.006714
%RSD	2771.126	35.25383	12.32588	70.71474	43.46973	7988.228

#1	.003477	-.005758	.0029598	.0005390	-.002266	.007604
#2	.003448	-.004826	.0031999	.0042046	-.002128	-.004792
#3	-.007619	-.002710	.0024997	.0035519	-.004402	-.003065

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001156	.0000955	-.000009	-.005446	-.000062	.0002503
Stddev	.000630	.0000692	.000031	.006063	.000368	.0000676
%RSD	54.53235	72.49276	336.3129	111.3390	592.4814	26.99494

#1	-.001839	.0000533	-.000000	.000205	.000283	.0003165
#2	-.001033	.0001753	.000016	-.011851	-.000450	.0001815
#3	-.000596	.0000578	-.000044	-.004692	-.000020	.0002528

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039031	.0051560	.0001626	.0206067	.0006902	-.000004
Stddev	.0005294	.0028735	.0002113	.0241972	.0002478	.000241
%RSD	13.56465	55.73069	129.9128	117.4240	35.89944	5544.509

#1	.0040064	.0081704	-.000018	.0074692	.0007214	.000268
#2	.0033296	.0024480	.000111	.0485310	.0004283	-.000189
#3	.0043733	.0048498	.000395	.0058199	.0009209	-.000092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000588	.0011381	-.000747	.0662296	-.005338	F .0116286
Stddev	.152538	.0014681	.001332	.0605385	.001611	.0018006
%RSD	25934.68	128.9968	178.2370	91.40704	30.18185	15.48415

#1	-.167629	-.000530	-.001852	.0357824	-.005577	.0136720
#2	.034549	.002234	.000732	.1359476	-.003621	.0102748
#3	.131315	.001710	-.001122	.0269588	-.006816	.0109389

Sample Name: CCB055 Acquired: 08/12/2021 11:10:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012106	-.005472	-.003177	-.001279	.0005128	.0025228
Stddev	.0005254	.006000	.000845	.001190	.0009478	.0000859
%RSD	43.39863	109.6561	26.60254	93.05480	184.8237	3.404568

#1	.0011673	-.004161	-.003979	-.000551	-.000526	.0024432
#2	.0007082	-.000235	-.003258	-.000633	.001331	.0026138
#3	.0017563	-.012020	-.002294	-.002652	.000733	.0025113

Elem	Sr4077
Units	ppm
Avg	-.000046
Stddev	.000028
%RSD	61.07254

#1	-.000048
#2	-.000072
#3	-.000017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.260	30773.95	8395.289	894.1734	2013.136
Stddev	3.446	65.13	26.054	1.2478	1.773
%RSD	.2201499	.2116380	.3103355	.1395491	.0880923

#1	1568.500	30836.80	8380.808	895.5314	2011.175
#2	1565.639	30706.76	8425.366	893.0775	2013.608
#3	1561.640	30778.28	8379.693	893.9112	2014.626

Sample Name: PB138035BL Acquired: 08/12/2021 11:14:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025730	-.004366	.0008118	-.001817	-.002395	-.004822	-.001158
Stddev	.0037031	.003955	.0031281	.001758	.002125	.002036	.000951
%RSD	143.9222	90.57024	385.3453	96.73517	88.71348	42.22328	82.15452

#1	-.001639	.000182	-.000975	-.000312	-.001876	-.002774	-.001898
#2	.005318	-.006990	.004424	-.001390	-.000578	-.004845	-.000085
#3	.004040	-.006291	-.001014	-.003749	-.004732	-.006846	-.001491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000346	.0000097	-.005275	-.000020	.0001694	.0024866	-.004051
Stddev	.0000093	.0001154	.002647	.000384	.0002379	.0012170	.006234
%RSD	26.95945	1195.729	50.17982	1903.627	140.4309	48.94309	153.8830

#1	.0000386	.0000856	-.008149	.000405	.0003208	.0030192	-.001261
#2	.0000413	-.000123	-.004743	-.000341	-.000105	.0033465	.000300
#3	.0000240	.000067	-.002935	-.000124	.000292	.0010941	-.011193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000108	.0042672	.0011038	.0002144	-.144057	-.000453	-.000564
Stddev	.000437	.0209314	.0003622	.0001285	.063043	.002052	.001100
%RSD	403.9124	490.5135	32.81357	59.94912	43.76255	453.1194	194.9328

#1	-.000256	.0218994	.0008693	.0003388	-.147017	.001481	.000219
#2	.000384	.0097672	.0015210	.0002222	-.205568	-.002606	-.000090
#3	-.000452	-.018865	.0009212	.0000821	-.079586	-.000233	-.001822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039485	-.003597	.0038032	.0006278	-.007235	-.005128	-.004141
Stddev	.014520	.001677	.0007454	.0003596	.002380	.000394	.002413
%RSD	36.77297	46.61585	19.59956	57.28985	32.88697	7.679501	58.27068

#1	-.028757	-.005519	.0029976	.0003251	-.004711	-.004958	-.005366
#2	-.033690	-.002432	.0044684	.0010254	-.007557	-.004848	-.005697
#3	-.056007	-.002841	.0039436	.0005328	-.009438	-.005579	-.001361

Sample Name: PB138035BL Acquired: 08/12/2021 11:14:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007566	-.000678	-.000055
Stddev	.0005006	.000958	.000059
%RSD	66.16161	141.2846	107.7135

#1	.0013298	.000400	-.000100
#2	.0005351	-.001431	-.000075
#3	.0004050	-.001003	.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.693	30676.32	8381.946	886.4791	2009.122
Stddev	2.649	64.25	28.250	4.0686	.120
%RSD	.1694861	.2094390	.3370317	.4589636	.0059654

#1	1565.738	30715.93	8414.192	882.5083	2009.231
#2	1560.920	30602.19	8361.554	890.6390	2008.994
#3	1561.423	30710.85	8370.093	886.2899	2009.141

Sample Name: PB138035BS Acquired: 08/12/2021 11:19:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193565	.0485143	.0205665	.0722856	.1183723	.3866584
Stddev	.0057548	.0024526	.0018280	.0037156	.0023764	.0048312
%RSD	29.73060	5.055401	8.888071	5.140187	2.007527	1.249477

#1	.0259986	.0507788	.0226464	.0715035	.1198194	.3822527
#2	.0162079	.0459092	.0198378	.0763299	.1156297	.3918249
#3	.0158630	.0488551	.0192153	.0690232	.1196677	.3858978

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4054000	.0110771	.0105146	10.32636	.0219046	.1008617
Stddev	.0014414	.0000818	.0001299	.01858	.0002019	.0004056
%RSD	.3555439	.7387860	1.235430	.1799476	.9217720	.4021199

#1	.4058016	.0111070	.0105218	10.32868	.0216932	.1010722
#2	.4065980	.0109846	.0106408	10.34367	.0219253	.1003941
#3	.4038004	.0111398	.0103813	10.30673	.0220954	.1011187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554804	.2204789	.0321807	9.684744	.0827322	.0196849
Stddev	.0014203	.0044642	.0008510	.054774	.0003775	.0001939
%RSD	2.559930	2.024761	2.644344	.5655715	.4563203	.9849536

#1	.0571065	.2254371	.0331596	9.681405	.0824574	.0197414
#2	.0548518	.2167787	.0317652	9.631716	.0825765	.0198442
#3	.0544829	.2192208	.0316173	9.741112	.0831627	.0194690

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.720346	.1061005	.1154889	9.575351	F .0134921	F .2047941
Stddev	.171856	.0023251	.0031192	.028776	.0001850	.0022685
%RSD	1.768002	2.191448	2.700860	.3005227	1.370818	1.107719

#1	9.867247	.1085178	.1180361	9.608281	.0136983	.2028716
#2	9.531356	.1059034	.1164206	9.555041	.0134371	.2042146
#3	9.762437	.1038801	.1120100	9.562731	.0133409	.2072962

Sample Name: PB138035BS Acquired: 08/12/2021 11:19:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS035 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214771	.1876695	.1871428	F .0093435	.2115814	.0285430
Stddev	.0004884	.0057844	.0010308	.0016651	.0003955	.0008900
%RSD	2.274168	3.082244	.5508184	17.82118	.1869367	3.118170

#1	.0220320	.1933158	.1882673	.0091272	.2112162	.0275155
#2	.0212868	.1879366	.1862426	.0077971	.2115264	.0290713
#3	.0211124	.1817562	.1869185	.0111062	.2120015	.0290424

Elem	Sr4077
Units	ppm
Avg	.2152719
Stddev	.0008586
%RSD	.3988551

#1	.2160738
#2	.2143660
#3	.2153758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.539	30543.17	8418.210	883.4234	2020.111
Stddev	1.995	126.28	37.918	7.2747	2.125
%RSD	.1283385	.4134609	.4504273	.8234636	.1051857

#1	1553.662	30464.69	8375.918	875.9980	2020.576
#2	1556.822	30475.99	8449.171	883.7348	2021.965
#3	1553.132	30688.85	8429.539	890.5373	2017.792

Sample Name: M3187-19 Acquired: 08/12/2021 11:23:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1904526	.2389558	.0461979	.0646800	.0750074	33.43682	.0714649
Stddev	.0047957	.0032518	.0020463	.0031357	.0007074	.02816	.0007120
%RSD	2.518067	1.360826	4.429386	4.848020	.9431504	.0842069	.9962489

#1	.1885619	.2384773	.0483440	.0616422	.0746220	33.41806	.0722858
#2	.1959055	.2359698	.0442687	.0679052	.0758239	33.42320	.0710156
#3	.1868904	.2424203	.0459810	.0644927	.0745764	33.46919	.0710934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2106254	.1523072	11.28912	.0622612	.0099553	.5473648	49.20226
Stddev	.0006074	.0003421	.02932	.0004943	.0002209	.0029485	.00869
%RSD	.2883689	.2246204	.2597204	.7938888	2.218510	.5386808	.0176638

#1	.2111718	.1525841	11.30872	.0622185	.0098529	.5475980	49.19771
#2	.2107331	.1519247	11.30324	.0617897	.0102087	.5443065	49.21228
#3	.2099714	.1524127	11.25542	.0627755	.0098041	.5501898	49.19680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3685903	3.541909	.3155314	.2229051	7.038357	1.284677	.4940019
Stddev	.0021286	.024309	.0004847	.0002027	.121873	.004607	.0036410
%RSD	.5774911	.6863208	.1536165	.0909238	1.731552	.3585732	.7370342

#1	.3694410	3.525078	.3149795	.2231374	7.159020	1.282112	.4982041
#2	.3661679	3.569779	.3157269	.2227643	6.915309	1.289995	.4920160
#3	.3701620	3.530871	.3158878	.2228136	7.040741	1.281925	.4917857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.02070	.1549446	.0086788	.0091857	.8041212	2.029426	-.001055
Stddev	.07937	.0055123	.0005107	.0004114	.0150412	.020376	.002578
%RSD	.0922708	3.557599	5.884115	4.478279	1.870511	1.004045	244.3585

#1	85.93228	.1584867	.0082284	.0095141	.7946606	2.043864	-.003068
#2	86.04402	.1577535	.0085745	.0093187	.7962377	2.038295	-.001949
#3	86.08580	.1485937	.0092336	.0087243	.8214654	2.006118	.001851

Sample Name: M3187-19 Acquired: 08/12/2021 11:23:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6438229	.0029395	-.024580
Stddev	.0014959	.0003773	.000040
%RSD	.2323526	12.83597	.1641700

#1	.6437669	.0031846	-.024536
#2	.6423557	.0025050	-.024616
#3	.6453460	.0031288	-.024589

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.816	31849.61	8785.877	922.0319	2010.011
Stddev	4.579	54.74	14.862	1.1116	5.013
%RSD	.2849495	.1718740	.1691618	.1205569	.2494190

#1	1604.801	31786.48	8776.118	920.7985	2007.566
#2	1612.057	31878.53	8778.531	922.3409	2015.778
#3	1603.592	31883.83	8802.982	922.9562	2006.690

Sample Name: M3187-01 Acquired: 08/12/2021 11:35:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0624789	-.006958	2.163869	.0347007	-.000990	64.07275	6.514790
Stddev	.0009758	.009330	.006546	.0036980	.002721	.08028	.005950
%RSD	1.561772	134.0875	.3025020	10.65671	274.8946	.1252986	.0913375

#1	.0617545	-.013676	2.171404	.0365207	-.002442	63.98006	6.520548
#2	.0635885	-.010894	2.160616	.0304454	-.002677	64.11741	6.508664
#3	.0620938	.003695	2.159587	.0371358	.002150	64.12077	6.515159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092432	.0039370	55.08915	.1577661	.1868171	.1981895	150.8919
Stddev	.0000883	.0002497	.14542	.0001139	.0002525	.0026310	.5855
%RSD	.9548144	6.342982	.2639654	.0722027	.1351706	1.327532	.3880071

#1	.0091800	.0037602	55.02416	.1578877	.1865794	.1982067	150.5680
#2	.0092057	.0038281	54.98756	.1576620	.1867898	.1955500	151.5678
#3	.0093441	.0042227	55.25572	.1577485	.1870822	.2008119	150.5401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40306	8.939868	.1266719	.0042724	.6335253	.3002335	1.386100
Stddev	.02547	.067766	.0004396	.0003489	.0550727	.0026815	.004688
%RSD	.1653597	.7580248	.3470713	8.166955	8.693047	.8931361	.3381903

#1	15.37480	8.863373	.1265936	.0039698	.6004663	.3019562	1.390305
#2	15.41011	8.992390	.1262766	.0046541	.6030087	.2971440	1.386949
#3	15.42426	8.963839	.1271454	.0041933	.6971007	.3016004	1.381046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.170894	5.900687	.0244733	.0070551	3.533346	3.565867	.0075627
Stddev	.026466	.009591	.0011704	.0001715	.006327	.028069	.0024312
%RSD	.4288782	.1625361	4.782456	2.430585	.1790650	.7871569	32.14741

#1	6.172287	5.891796	.0252770	.0068707	3.537109	3.537071	.0047621
#2	6.196635	5.910850	.0250124	.0070849	3.526041	3.567380	.0091312
#3	6.143759	5.899415	.0231305	.0072097	3.536887	3.593148	.0087948

Sample Name: M3187-01 Acquired: 08/12/2021 11:35:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Q7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9853133	.0318976	.0638469
Stddev	.0018492	.0003136	.0003126
%RSD	.1876744	.9832661	.4895671

#1	.9833777	.0322210	.0636624
#2	.9870618	.0318769	.0636705
#3	.9855003	.0315947	.0642078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.236	34115.98	9412.001	978.9117	1980.818
Stddev	3.715	88.29	29.913	6.5974	4.147
%RSD	.2172495	.2587827	.3178154	.6739497	.2093350

#1	1708.204	34019.09	9444.219	975.0590	1982.260
#2	1707.980	34191.87	9406.675	986.5295	1976.143
#3	1714.525	34136.99	9385.109	975.1466	1984.052

Sample Name: M3187-02 Acquired: 08/12/2021 11:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575160	-.012989	23.92974	.0424811	.0054893	17.17491
Stddev	.0075401	.010933	.03455	.0025720	.0013915	.04029
%RSD	13.10952	84.17238	.1443699	6.054423	25.34929	.2345672

#1	.0556794	-.013507	23.92467	.0396605	.0044581	17.13809
#2	.0510638	-.001806	23.89801	.0430862	.0070721	17.21794
#3	.0658046	-.023653	23.96654	.0446966	.0049378	17.16869

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.83635	.0083961	.2734707	F 1021.242	.0806312	.3038161
Stddev	.12367	.0001086	.0014153	8.508	.0006938	.0003977
%RSD	.9634149	1.293924	.5175146	.8330617	.8605196	.1309024

#1	12.83673	.0082762	.2726854	1016.635	.0806843	.3033669
#2	12.95982	.0084239	.2726222	1031.060	.0799123	.3039580
#3	12.71249	.0084881	.2751045	1016.032	.0812969	.3041233

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.753441	195.6604	21.34399	515.3311	.2801780	.0259889
Stddev	.003784	1.4724	.08498	3.9751	.0007821	.0004081
%RSD	.2157947	.7525422	.3981358	.7713753	.2791571	1.570429

#1	1.749156	194.3375	21.28342	511.6881	.2810092	.0262408
#2	1.756324	197.2468	21.44113	519.5709	.2794566	.0262080
#3	1.754842	195.3970	21.30741	514.7343	.2800683	.0255180

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.551526	.1965648	13.22984	1.768186	4.183689	.0269220
Stddev	.107839	.0050635	.08668	.030446	.029148	.0009020
%RSD	4.226459	2.575976	.6551571	1.721861	.6967142	3.350477

#1	2.531046	.1918826	13.29866	1.741138	4.198662	.0265333
#2	2.455395	.2019384	13.13250	1.801158	4.150097	.0262795
#3	2.668137	.1958735	13.25837	1.762260	4.202308	.0279532

Sample Name: M3187-02 Acquired: 08/12/2021 11:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Q8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065858	37.81930	3.926601	.0349342	.3224588	.0340498
Stddev	.0008345	.21521	.045683	.0029669	.0018058	.0016661
%RSD	12.67182	.5690352	1.163427	8.492665	.5600138	4.893148

#1	.0074799	37.82284	3.902426	.0315591	.3231225	.0352272
#2	.0064501	37.60234	3.979292	.0361133	.3238388	.0347788
#3	.0058275	38.03271	3.898086	.0371303	.3204150	.0321435

Elem	Sr4077
Units	ppm
Avg	.2314213
Stddev	.0012921
%RSD	.5583092

#1	.2328081
#2	.2302514
#3	.2312045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.445	31615.70	8949.049	874.6661	1621.597
Stddev	6.946	45.95	73.673	4.1994	6.348
%RSD	.4595303	.1453429	.8232525	.4801180	.3914683

#1	1511.931	31566.00	9007.879	871.1094	1621.299
#2	1518.135	31624.45	8866.417	879.2989	1628.088
#3	1504.270	31656.64	8972.852	873.5901	1615.402

Sample Name: M3187-03 Acquired: 08/12/2021 11:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564426	-.008668	6.830783	.0160235	.0023421	6.120882
Stddev	.0099408	.001978	.016778	.0058099	.0021025	.040691
%RSD	17.61223	22.82362	.2456294	36.25853	89.77032	.6647857

#1	.0587871	-.007700	6.828592	.0126992	.0000680	6.148808
#2	.0455391	-.010944	6.815207	.0227321	.0042153	6.074195
#3	.0650015	-.007360	6.848549	.0126392	.0027431	6.139642

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.569009	.0027737	.0851563	F 1632.265	.0438873	.0297583
Stddev	.010281	.0000666	.0002337	2.517	.0000696	.0003827
%RSD	.1846136	2.401132	.2744686	.1542275	.1586303	1.286164

#1	5.579701	.0028506	.0854262	1634.027	.0438282	.0300123
#2	5.568131	.0027337	.0850205	1629.382	.0439640	.0293180
#3	5.559195	.0027369	.0850222	1633.385	.0438696	.0299444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444004	89.58971	3.333188	F 943.3374	.1040973	.0038999
Stddev	.003422	.50987	.005175	5.1379	.0009139	.0003403
%RSD	.2370013	.5691169	.1552658	.5446475	.8778779	8.724798

#1	1.446419	89.78107	3.327733	943.5653	.1037365	.0042270
#2	1.440088	89.01184	3.338029	938.0894	.1034190	.0039248
#3	1.445506	89.97621	3.333803	948.3575	.1051365	.0035479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.316985	.0925489	23.57389	.8707970	1.869261	.0271169
Stddev	.098575	.0058408	.42902	.0487806	.008281	.0015723
%RSD	4.254449	6.311094	1.819878	5.601834	.4429915	5.798144

#1	2.428539	.0869017	23.98035	.8208224	1.864578	.0276552
#2	2.280797	.0921791	23.12541	.8732797	1.864382	.0253461
#3	2.241618	.0985658	23.61592	.9182888	1.878821	.0283493

Sample Name: M3187-03 Acquired: 08/12/2021 11:43:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5Q9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054722	71.61338	1.997927	.0520441	.1641294	.0430112
Stddev	.0006889	.30386	.003787	.0011245	.0008927	.0016730
%RSD	12.58846	.4243026	.1895645	2.160620	.5438900	3.889768

#1	.0062384	71.81847	1.996299	.0521480	.1636760	.0440089
#2	.0052739	71.26429	1.995225	.0531130	.1635543	.0410797
#3	.0049042	71.75737	2.002256	.0508713	.1651578	.0439450

Elem	Sr4077
Units	ppm
Avg	.7330090
Stddev	.0012182
%RSD	.1661951

#1	.7342538
#2	.7318192
#3	.7329541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.669	28211.67	7967.720	777.4487	1551.094
Stddev	2.035	100.86	19.282	9.9520	1.658
%RSD	.1510171	.3574981	.2420007	1.280090	.1069025

#1	1345.321	28095.86	7986.333	766.5795	1549.687
#2	1348.757	28258.94	7947.832	786.1142	1552.922
#3	1348.928	28280.22	7968.996	779.6525	1550.673

Sample Name: M3187-04 Acquired: 08/12/2021 11:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516401	-.007505	4.403928	.0318741	.0034252	5.878938
Stddev	.0092041	.008809	.021686	.0035448	.0020525	.021279
%RSD	17.82365	117.3861	.4924190	11.12109	59.92241	.3619591

#1	.0437810	-.016638	4.385029	.0281052	.0010834	5.901486
#2	.0617658	.000941	4.399151	.0351412	.0042803	5.859209
#3	.0493734	-.006817	4.427604	.0323761	.0049119	5.876117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.736537	.0029933	.0662386	F 1624.117	.0304949	.0305458
Stddev	.015405	.0000492	.0003774	6.655	.0002563	.0003961
%RSD	.5629451	1.644285	.5697715	.4097812	.8403812	1.296788

#1	2.720227	.0029424	.0659995	1623.450	.0302004	.0305101
#2	2.750841	.0029968	.0660426	1631.081	.0306672	.0309585
#3	2.738542	.0030406	.0666737	1617.821	.0306170	.0301687

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4523190	102.5665	3.191096	F 932.1057	.1068994	.0050899
Stddev	.0019893	.5488	.005185	5.6907	.0004623	.0000509
%RSD	.4398011	.5351141	.1624890	.6105175	.4324242	.9998647

#1	.4541429	103.0671	3.185132	937.3411	.1069714	.0051359
#2	.4526164	102.6526	3.194533	932.9271	.1073215	.0050984
#3	.4501977	101.9796	3.193623	926.0490	.1064054	.0050352

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.529931	.0943408	21.27040	.7152165	1.716434	.0267066
Stddev	.356449	.0017561	.06666	.0490568	.019268	.0023763
%RSD	14.08929	1.861437	.3134114	6.859021	1.122556	8.897638

#1	2.528040	.0928714	21.25513	.7490941	1.695208	.0265747
#2	2.887322	.0938654	21.34337	.7375946	1.721272	.0291461
#3	2.174431	.0962857	21.21270	.6589610	1.732822	.0243991

Sample Name: M3187-04 Acquired: 08/12/2021 11:47:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059461	89.39405	1.449152	.0500560	.1343451	.0384453
Stddev	.0006831	.60871	.008115	.0052797	.0007708	.0000594
%RSD	11.48763	.6809311	.5599808	10.54750	.5737267	.1546201

#1	.0064122	88.92077	1.455162	.0561523	.1338714	.0384331
#2	.0062641	89.18063	1.439921	.0469653	.1339293	.0383929
#3	.0051620	90.08073	1.452373	.0470505	.1352344	.0385099

Elem	Sr4077
Units	ppm
Avg	.6645399
Stddev	.0025594
%RSD	.3851337

#1	.6669145
#2	.6648762
#3	.6618290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1343.699	28251.40	7999.459	774.5868	1546.814
Stddev	4.420	20.79	55.692	2.5947	5.034
%RSD	.3289635	.0735748	.6961924	.3349827	.3254695

#1	1340.747	28232.56	7943.044	774.1632	1549.808
#2	1348.781	28247.94	8000.937	772.2300	1549.632
#3	1341.569	28273.70	8054.398	777.3673	1541.001

Sample Name: M3187-05 Acquired: 08/12/2021 11:51:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0786090	-.008267	2.351676	.0282021	.0020532	46.50119
Stddev	.0006991	.001990	.010948	.0045969	.0041702	.10981
%RSD	.8892827	24.06957	.4655496	16.29997	203.1057	.2361356

#1	.0779598	-.007145	2.364262	.0229017	-.002738	46.39348
#2	.0785182	-.007092	2.346408	.0310996	.004869	46.61298
#3	.0793490	-.010565	2.344358	.0306050	.004029	46.49711

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.634369	.0057415	.0324962	315.6925	.1554151	.0680542
Stddev	.005946	.0001451	.0002083	.2761	.0001806	.0008703
%RSD	.1636006	2.527013	.6410345	.0874460	.1162045	1.278789

#1	3.636158	.0056352	.0323618	315.5664	.1555007	.0677874
#2	3.639215	.0056824	.0327361	316.0091	.1555370	.0673486
#3	3.627734	.0059068	.0323905	315.5021	.1552076	.0690267

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4750483	146.8567	12.32958	71.62160	.1255375	.0068613
Stddev	.0022501	.4259	.01035	.34728	.0016434	.0004375
%RSD	.4736520	.2899902	.0839084	.4848813	1.309064	6.376459

#1	.4776446	146.4897	12.32286	71.32452	.1272650	.0070443
#2	.4738367	147.3236	12.32438	72.00340	.1253538	.0071776
#3	.4736637	146.7568	12.34149	71.53689	.1239937	.0063620

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9732677	.1649423	4.745649	10.02726	F 10.82962	.0598532
Stddev	.2956566	.0023427	.004870	.08871	.04361	.0028898
%RSD	30.37773	1.420317	.1026201	.8846485	.4026864	4.828100

#1	.6318779	.1622396	4.749775	9.97410	10.83211	.0608306
#2	1.142345	.1663915	4.740277	10.12967	10.87193	.0621274
#3	1.145580	.1661959	4.746894	9.97802	10.78482	.0566014

Sample Name: M3187-05 Acquired: 08/12/2021 11:51:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081048	4.291498	4.195310	.4321893	1.006281	.0354961
Stddev	.0008042	.013388	.018779	.0079883	.001319	.0007845
%RSD	9.922436	.3119702	.4476222	1.848329	.1310814	2.210237

#1	.0083415	4.306810	4.180537	.4412026	1.005350	.0346593
#2	.0072088	4.285690	4.216443	.4293809	1.007791	.0356141
#3	.0087641	4.281995	4.188948	.4259846	1.005703	.0362150

Elem	Sr4077
Units	ppm
Avg	.8807404
Stddev	.0010394
%RSD	.1180172

#1	.8804919
#2	.8818816
#3	.8798478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1550.714	31445.95	8765.578	896.6529	1866.994
Stddev	1.620	39.62	45.458	2.6971	2.449
%RSD	.1044402	.1259846	.5185928	.3007910	.1311608

#1	1552.553	31489.91	8810.520	896.6623	1867.251
#2	1549.500	31413.01	8766.593	899.3453	1864.426
#3	1550.089	31434.92	8719.621	893.9512	1869.303

Sample Name: M3187-06 Acquired: 08/12/2021 11:55:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795968	-.005021	2.364627	.0319946	-.002615	46.40780
Stddev	.0060684	.000683	.007609	.0051917	.001784	.10668
%RSD	7.623867	13.60219	.3217901	16.22668	68.21831	.2298644

#1	.0752907	-.005809	2.358977	.0260093	-.001463	46.32008
#2	.0769625	-.004667	2.361626	.0346951	-.004669	46.37677
#3	.0865371	-.004588	2.373280	.0352795	-.001712	46.52655

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.643007	.0057009	.0329718	316.9589	.1562348	.0679967
Stddev	.004745	.0001281	.0003193	.8106	.0002004	.0001027
%RSD	.1302420	2.247639	.9683241	.2557552	.1282408	.1509723

#1	3.642689	.0058256	.0331702	317.1381	.1560044	.0681138
#2	3.638429	.0055696	.0326035	316.0737	.1563312	.0679542
#3	3.647902	.0057075	.0331417	317.6650	.1563686	.0679222

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4738575	145.4918	12.37800	71.04363	.1250397	.0067750
Stddev	.0012366	.6595	.02038	.37620	.0017860	.0005056
%RSD	.2609681	.4532879	.1646694	.5295302	1.428379	7.463124

#1	.4734054	144.8563	12.38135	70.64319	.1236346	.0063083
#2	.4752566	145.4462	12.35615	71.09806	.1244349	.0073122
#3	.4729106	146.1730	12.39650	71.38965	.1270496	.0067047

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7546628	.1667836	4.755258	10.08753	F 10.82228	.0598923
Stddev	.1627715	.0020166	.062688	.06547	.07635	.0029654
%RSD	21.56878	1.209089	1.318285	.6489951	.7054667	4.951153

#1	.9108664	.1679433	4.695389	10.05719	10.83497	.0565491
#2	.7670867	.1644550	4.820428	10.04273	10.74038	.0622046
#3	.5860353	.1679523	4.749957	10.16266	10.89149	.0609233

Sample Name: M3187-06 Acquired: 08/12/2021 11:55:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079167	4.313022	4.141112	.4276229	1.005749	.0356319
Stddev	.0008933	.025048	.026391	.0028354	.002847	.0006983
%RSD	11.28413	.5807576	.6372982	.6630507	.2830703	1.959864

#1	.0082798	4.309233	4.148559	.4304059	1.002561	.0362862
#2	.0085712	4.290083	4.111797	.4277249	1.006650	.0348966
#3	.0068990	4.339748	4.162979	.4247379	1.008037	.0357131

Elem	Sr4077
Units	ppm
Avg	.8867281
Stddev	.0021220
%RSD	.2393035

#1	.8854516
#2	.8855551
#3	.8891777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.996	31240.82	8773.729	888.9202	1860.093
Stddev	1.526	70.48	54.066	5.9791	5.884
%RSD	.0987187	.2255902	.6162207	.6726300	.3163279

#1	1547.604	31293.49	8775.660	894.9518	1863.467
#2	1545.818	31160.76	8826.803	882.9950	1863.514
#3	1544.567	31268.19	8718.724	888.8136	1853.299

Sample Name: M3187-07 Acquired: 08/12/2021 11:59:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1556147	.0956273	2.352211	.2485881	.2044651	49.52477
Stddev	.0090262	.0039620	.010410	.0046339	.0013763	.21821
%RSD	5.800384	4.143198	.4425683	1.864071	.6731450	.4406049

#1	.1480403	.1001994	2.350514	.2463930	.2033803	49.36107
#2	.1532015	.0934818	2.342753	.2539116	.2060134	49.44073
#3	.1656023	.0932008	2.363365	.2454598	.2040016	49.77250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.754576	.1120853	.1382818	310.9412	.5713187	1.124858
Stddev	.017895	.0007003	.0004817	.4069	.0006929	.003758
%RSD	.2307725	.6247485	.3483372	.1308699	.1212772	.3340495

#1	7.734284	.1120702	.1383421	310.5028	.5708942	1.122604
#2	7.768102	.1113927	.1377729	311.3068	.5709435	1.122775
#3	7.761342	.1127930	.1387306	311.0141	.5721182	1.129196

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9794133	146.2150	13.13176	70.18504	1.190116	.1057010
Stddev	.0023967	1.0188	.00645	.40568	.006347	.0002915
%RSD	.2447117	.6967860	.0491162	.5780087	.5332690	.2757508

#1	.9768229	145.7511	13.12475	70.10620	1.187799	.1057304
#2	.9798649	145.5107	13.13745	69.82457	1.185254	.1059766
#3	.9815521	147.3832	13.13308	70.62434	1.197296	.1053959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7966402	1.215471	5.630090	9.910955	F 10.68753	.0591385
Stddev	.0260051	.007016	.067765	.025825	.01882	.0011558
%RSD	3.264350	.5772314	1.203624	.2605653	.1760794	1.954359

#1	.7720307	1.215928	5.612591	9.899236	10.66716	.0578672
#2	.8238461	1.208237	5.704889	9.893068	10.69117	.0594226
#3	.7940438	1.222247	5.572791	9.940561	10.70427	.0601258

Sample Name: M3187-07 Acquired: 08/12/2021 11:59:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081394	4.266616	4.131254	.4191351	.9885355	.0372880
Stddev	.0011099	.018089	.030334	.0026373	.0001388	.0011583
%RSD	13.63627	.4239590	.7342492	.6292192	.0140465	3.106400

#1	.0075668	4.245875	4.120399	.4178025	.9886762	.0359586
#2	.0074327	4.279121	4.107841	.4221727	.9885319	.0380799
#3	.0094187	4.274852	4.165522	.4174300	.9883986	.0378255

Elem	Sr4077
Units	ppm
Avg	.8721718
Stddev	.0019426
%RSD	.2227361

#1	.8720177
#2	.8703108
#3	.8741869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.611	31259.67	8713.463	887.7438	1858.715
Stddev	4.139	89.51	40.939	7.9916	3.222
%RSD	.2688433	.2863386	.4698319	.9002144	.1733559

#1	1539.702	31233.37	8724.415	888.0485	1861.317
#2	1535.427	31186.26	8747.812	879.6043	1859.716
#3	1543.704	31359.38	8668.162	895.5787	1855.111

Sample Name: M3187-05LX5 Acquired: 08/12/2021 12:03:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181749	-.003415	.4370828	.0098154	-.001166	8.325120	.6524823
Stddev	.0040545	.004016	.0040109	.0010047	.002389	.145027	.0135842
%RSD	22.30831	117.5693	.9176600	10.23564	204.7963	1.742039	2.081927

#1	.0197179	-.006212	.4361019	.0086664	.001219	8.169508	.6376821
#2	.0135754	-.005220	.4336534	.0102513	-.001160	8.349343	.6553828
#3	.0212313	.001186	.4414933	.0105286	-.003558	8.456511	.6643819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012661	.0061736	57.01763	.0312091	.0115722	.0884080	27.30022
Stddev	.0000438	.0002655	1.02950	.0007864	.0002707	.0009391	.39396
%RSD	3.462229	4.299974	1.805587	2.519742	2.339512	1.062220	1.443068

#1	.0012182	.0058675	55.89733	.0305698	.0114250	.0880650	26.88485
#2	.0012756	.0063409	57.23342	.0309702	.0114070	.0876887	27.34726
#3	.0013043	.0063124	57.92213	.0320872	.0118847	.0894704	27.66855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.296751	12.86002	.0246888	.0013389	-.042058	.0297755	.8538204
Stddev	.041421	.19344	.0003454	.0002631	.074161	.0038417	.0076241
%RSD	1.803454	1.504229	1.399044	19.65003	176.3316	12.90232	.8929349

#1	2.251072	12.64967	.0243565	.0010620	-.118451	.0280590	.8450812
#2	2.307311	12.90012	.0246640	.0013693	.029649	.0341763	.8572705
#3	2.331870	13.03027	.0250460	.0015855	-.037371	.0270913	.8591096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.678745	2.005392	.0084935	.0019369	.7806812	.7979402	.0758087
Stddev	.058625	.036690	.0016811	.0005236	.0194756	.0089423	.0028192
%RSD	3.492167	1.829550	19.79290	27.03073	2.494697	1.120668	3.718800

#1	1.679554	1.965129	.0066188	.0019337	.7761899	.7876220	.0768704
#2	1.619720	2.014108	.0089948	.0024620	.7638437	.8034370	.0779428
#3	1.736960	2.036939	.0098670	.0014150	.8020102	.8027617	.0726128

Sample Name: M3187-05LX5 Acquired: 08/12/2021 12:03:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5R1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1866107	.0035852	.1615372
Stddev	.0043169	.0013464	.0026002
%RSD	2.313342	37.55510	1.609636

#1	.1817768	.0021880	.1586335
#2	.1879738	.0048743	.1623278
#3	.1900816	.0036933	.1636503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.595	30457.64	8436.735	884.0758	1961.782
Stddev	3.568	134.39	33.902	4.9516	3.009
%RSD	.2326632	.4412364	.4018358	.5600907	.1533616

#1	1531.929	30314.66	8448.322	878.4015	1961.495
#2	1537.691	30476.89	8398.559	886.3043	1958.928
#3	1531.164	30581.37	8463.324	887.5216	1964.925

Sample Name: M3187-08 Acquired: 08/12/2021 12:07:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436089	-.007116	.6167775	.0365528	-.003023	80.06018	1.697817
Stddev	.0041884	.002961	.0023359	.0029427	.003584	.23995	.006082
%RSD	9.604494	41.61914	.3787220	8.050622	118.5591	.2997067	.3582091

#1	.0391441	-.004478	.6159553	.0377900	-.006650	79.88814	1.693350
#2	.0442312	-.010319	.6149639	.0331935	.000516	79.95811	1.695358
#3	.0474513	-.006550	.6194133	.0386750	-.002934	80.33428	1.704744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074221	.0012820	143.4457	.1262109	.1438443	.1274189	131.3520
Stddev	.0000281	.0002207	.3035	.0003466	.0005699	.0005079	.2560
%RSD	.3790450	17.21476	.2115829	.2746091	.3961749	.3985897	.1949044

#1	.0074335	.0013635	143.1576	.1258109	.1432363	.1278889	131.4244
#2	.0073900	.0010321	143.4168	.1263998	.1443662	.1268802	131.0676
#3	.0074427	.0014503	143.7626	.1264219	.1439305	.1274876	131.5640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32724	78.06092	.1453360	.0039623	.7862989	.2874927	.4334512
Stddev	.01291	.24991	.0004949	.0001179	.1583276	.0011954	.0047385
%RSD	.1047013	.3201463	.3405532	2.974913	20.13580	.4158072	1.093199

#1	12.31437	78.08589	.1447674	.0038422	.8014811	.2868883	.4279887
#2	12.32718	77.79947	.1456708	.0040779	.6209271	.2867202	.4359110
#3	12.34018	78.29741	.1455696	.0039668	.9364884	.2888696	.4364540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14826	4.181741	.0160513	.0051423	3.467850	4.359496	.0048856
Stddev	.07612	.015665	.0034225	.0002702	.009769	.024895	.0031321
%RSD	.7500404	.3746051	21.32239	5.254140	.2817108	.5710440	64.10789

#1	10.22647	4.165903	.0124826	.0049513	3.476155	4.388240	.0077528
#2	10.07443	4.197227	.0163653	.0050241	3.457087	4.344877	.0053610
#3	10.14388	4.182093	.0193061	.0054514	3.470309	4.345370	.0015430

Sample Name: M3187-08 Acquired: 08/12/2021 12:07:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5R2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.250812	.0473994	.0109110
Stddev	.005640	.0003895	.0004884
%RSD	.4509386	.8217250	4.476260

#1	1.251627	.0477727	.0103926
#2	1.244809	.0469955	.0113626
#3	1.256001	.0474299	.0109777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.152	33299.26	9279.421	949.9295	1886.444
Stddev	2.877	166.65	29.111	6.3352	2.085
%RSD	.1742338	.5004556	.3137164	.6669107	.1105074

#1	1653.584	33488.46	9246.190	955.0248	1887.559
#2	1647.976	33174.26	9300.419	942.8362	1887.735
#3	1651.897	33235.06	9291.655	951.9276	1884.039

Sample Name: M3187-09 Acquired: 08/12/2021 12:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315503	-.010580	.4226777	.0376031	.0017297	33.13995
Stddev	.0125453	.001160	.0012890	.0024114	.0027449	.09387
%RSD	39.76282	10.96634	.3049661	6.412793	158.6915	.2832630

#1	.0170707	-.010682	.4218221	.0403846	.0011161	33.03174
#2	.0384145	-.011686	.4220507	.0361015	-.000656	33.18865
#3	.0391656	-.009372	.4241603	.0363231	.004730	33.19948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.495149	.0086015	.0034736	F 1066.628	.0653525	.1825379
Stddev	.002810	.0002364	.0000293	3.260	.0011136	.0003744
%RSD	.1879281	2.748412	.8442893	.3056541	1.704036	.2051049

#1	1.492075	.0086443	.0034406	1070.294	.0649618	.1821118
#2	1.497586	.0088135	.0034966	1065.536	.0666089	.1826872
#3	1.495785	.0083466	.0034836	1064.054	.0644869	.1828145

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1632877	167.4476	3.581625	642.3352	.6450160	.0050487
Stddev	.0009117	.8638	.007288	2.2782	.0017588	.0001206
%RSD	.5583465	.5158760	.2034948	.3546701	.2726734	2.389346

#1	.1640775	166.4529	3.584993	639.7243	.6467410	.0050690
#2	.1622900	168.0092	3.586620	643.3623	.6432252	.0051579
#3	.1634956	167.8807	3.573262	643.9189	.6450818	.0049193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.053513	.1999684	.4466008	3.196679	F 14.07085	.0080118
Stddev	.080690	.0010644	.0064970	.073834	.05659	.0063425
%RSD	3.929375	.5322685	1.454778	2.309712	.4021750	79.16459

#1	2.146216	.1990508	.4394715	3.230348	14.00550	.0017158
#2	1.999063	.2011352	.4521882	3.112012	14.10356	.0079198
#3	2.015261	.1997191	.4481428	3.247677	14.10348	.0143998

Sample Name: M3187-09 Acquired: 08/12/2021 12:11:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097417	12.73418	3.950059	.0328388	.5363278	.0520376
Stddev	.0005438	.05411	.040191	.0019675	.0031043	.0011219
%RSD	5.582518	.4248990	1.017484	5.991375	.5788075	2.155997

#1	.0091542	12.67627	3.995733	.0317764	.5327572	.0529934
#2	.0098433	12.78344	3.934348	.0316308	.5383870	.0508023
#3	.0102276	12.74282	3.920097	.0351091	.5378392	.0523170

Elem	Sr4077
Units	ppm
Avg	.2996974
Stddev	.0010454
%RSD	.3488038

#1	.2997014
#2	.3007408
#3	.2986501

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1655.851	34642.74	9821.006	957.2796	1573.429
Stddev	2.109	143.03	16.583	5.3846	1.130
%RSD	.1273513	.4128647	.1688493	.5624874	.0718198

#1	1654.550	34795.54	9802.205	962.9640	1573.790
#2	1658.284	34620.60	9827.266	956.6191	1574.334
#3	1654.719	34512.07	9833.548	952.2558	1572.162

Sample Name: M3187-10 Acquired: 08/12/2021 12:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0323940	-.009404	.3079878	.0244830	-.001887	52.50678	1.466369
Stddev	.0006601	.001449	.0038098	.0007180	.003408	.13857	.002020
%RSD	2.037599	15.40856	1.237003	2.932665	180.6160	.2639030	.1377616

#1	.0330876	-.007863	.3052384	.0237595	-.001448	52.44814	1.464267
#2	.0317735	-.009611	.3063884	.0244942	.001281	52.40717	1.466544
#3	.0323208	-.010738	.3123366	.0251954	-.005493	52.66502	1.468296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078905	.0015082	155.2156	.1139279	.1154655	.0789724	102.9162
Stddev	.0002053	.0001566	.2811	.0006737	.0010364	.0004874	.2009
%RSD	2.602027	10.38078	.1811198	.5913671	.8976096	.6171618	.1951652

#1	.0079749	.0016728	154.9792	.1146369	.1145702	.0792566	102.9046
#2	.0076564	.0013611	155.1412	.1132961	.1152253	.0792510	102.7214
#3	.0080401	.0014908	155.5265	.1138508	.1166009	.0784096	103.1226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.527156	79.64159	.0863006	.0027924	.6066335	.1981005	.2660794
Stddev	.027075	.17761	.0002509	.0001387	.2269841	.0010763	.0017734
%RSD	.2841837	.2230067	.2907783	4.968359	37.41700	.5433004	.6664970

#1	9.498640	79.59260	.0862007	.0026809	.7617747	.1971408	.2642926
#2	9.530316	79.49363	.0861150	.0029478	.7120115	.1978964	.2661066
#3	9.552512	79.83855	.0865861	.0027486	.3461144	.1992642	.2678391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.909727	4.267314	.0166585	.0050108	2.727124	5.022658	-.001448
Stddev	.024571	.020487	.0003120	.0007064	.011004	.029700	.001128
%RSD	.5004527	.4800857	1.872889	14.09695	.4035007	.5913114	77.92355

#1	4.886665	4.262302	.0163084	.0042628	2.739817	5.055371	-.002541
#2	4.935570	4.249799	.0167598	.0051033	2.720263	4.997388	-.001516
#3	4.906947	4.289842	.0169072	.0056664	2.721294	5.015215	-.000287

Sample Name: M3187-10 Acquired: 08/12/2021 12:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.057766	.0397232	.0170293
Stddev	.005723	.0004066	.0004729
%RSD	.5410076	1.023662	2.777196

#1	1.053672	.0401040	.0170043
#2	1.055322	.0392949	.0175143
#3	1.064305	.0397708	.0165694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1610.116	32485.67	9017.293	930.8507	1889.359
Stddev	1.081	34.21	31.699	3.5486	4.478
%RSD	.0671136	.1053161	.3515344	.3812201	.2370127

#1	1611.316	32524.39	8982.010	926.7757	1887.203
#2	1609.220	32473.08	9026.499	932.5165	1894.507
#3	1609.811	32459.54	9043.369	933.2600	1886.367

Sample Name: M3187-11 Acquired: 08/12/2021 12:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616413	-.006396	13.97054	.0290542	.0005610	85.94595	1.431696
Stddev	.0022277	.004985	.02334	.0049360	.0016749	.38187	.001880
%RSD	3.614031	77.93787	.1670448	16.98888	298.5737	.4443174	.1313029

#1	.0632641	-.008010	13.97027	.0244690	.0014756	85.64748	1.429561
#2	.0625585	-.000804	13.94734	.0284151	-.001372	85.81408	1.433106
#3	.0591014	-.010374	13.99401	.0342787	.001579	86.37628	1.432419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086844	.0010677	85.23973	.1469522	.1293473	.1632589	172.2732
Stddev	.0001118	.0002239	.09403	.0010455	.0002178	.0024287	1.4036
%RSD	1.286951	20.96801	.1103165	.7114622	.1683786	1.487658	.8147634

#1	.0085636	.0011380	85.22024	.1473789	.1295413	.1646753	171.2287
#2	.0087841	.0012480	85.34198	.1477169	.1291117	.1646468	171.7222
#3	.0087056	.0008171	85.15697	.1457608	.1293888	.1604544	173.8687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.222144	45.11877	.1786459	.0061036	1.354869	.3024628	.7194792
Stddev	.017416	.35427	.0011487	.0003610	.056240	.0037021	.0016893
%RSD	.2118239	.7851996	.6430199	5.915253	4.150924	1.223983	.2347944

#1	8.217954	44.76292	.1778831	.0062113	1.356251	.3015981	.7207412
#2	8.241273	45.12195	.1780875	.0057009	1.297951	.2992696	.7175601
#3	8.207205	45.47144	.1799671	.0063985	1.410404	.3065207	.7201364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.347380	3.794635	.1145076	.0085316	2.659790	6.392725	.0059546
Stddev	.028230	.018654	.0045640	.0000762	.033657	.025804	.0032604
%RSD	.3381901	.4915986	3.985761	.8930002	1.265389	.4036435	54.75448

#1	8.317149	3.774957	.1138447	.0085909	2.644266	6.363507	.0032772
#2	8.373055	3.796888	.1103113	.0085580	2.636697	6.402278	.0095855
#3	8.351938	3.812061	.1193668	.0084457	2.698407	6.412391	.0050011

Sample Name: M3187-11 Acquired: 08/12/2021 12:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.662615	.0600081	-.013405
Stddev	.008455	.0012547	.000924
%RSD	.5085585	2.090937	6.890637

#1	1.656735	.0585623	-.013036
#2	1.658804	.0606494	-.012723
#3	1.672305	.0608125	-.014456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.582	33945.77	9496.606	965.8265	1917.232
Stddev	4.518	39.30	28.033	4.1134	3.745
%RSD	.2661696	.1157732	.2951946	.4258914	.1953509

#1	1695.350	33965.68	9525.577	961.5229	1915.982
#2	1702.782	33971.14	9494.627	966.2378	1921.442
#3	1694.614	33900.50	9469.615	969.7187	1914.271

Sample Name: M3187-12 Acquired: 08/12/2021 12:24:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349742	-.009397	1.881276	.0227861	.0041938	24.01952
Stddev	.0114806	.000755	.007777	.0034820	.0039734	.04835
%RSD	32.82586	8.029548	.4133921	15.28126	94.74505	.2012766

#1	.0223268	-.008526	1.884775	.0238304	.0078790	23.97333
#2	.0447384	-.009828	1.886689	.0256266	-.000016	24.01547
#3	.0378573	-.009839	1.872364	.0189015	.004718	24.06976

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713133	.0033434	.0037504	F 1696.276	.0577189	.0518489
Stddev	.002768	.0001083	.0002693	4.911	.0002540	.0008942
%RSD	.1615625	3.239844	7.180178	.2895234	.4401023	1.724636

#1	1.714637	.0034094	.0039445	1698.961	.0578985	.0527622
#2	1.709939	.0034024	.0038637	1690.608	.0574283	.0509752
#3	1.714824	.0032184	.0034430	1699.259	.0578299	.0518091

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109508	65.72460	3.113586	F 944.2598	.0994962	.0018505
Stddev	.0009253	.35838	.002033	5.2544	.0001859	.0004733
%RSD	.8339855	.5452775	.0653039	.5564522	.1868585	25.57891

#1	.1099245	65.31892	3.111326	938.3646	.0992839	.0022404
#2	.1112068	65.85671	3.114166	945.9648	.0995742	.0019872
#3	.1117212	65.99817	3.115267	948.4498	.0996303	.0013238

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.625188	.1690792	.4963008	3.129365	3.414322	.0312399
Stddev	.109921	.0015529	.0090800	.011855	.025118	.0011011
%RSD	4.187182	.9184493	1.829544	.3788261	.7356556	3.524688

#1	2.681094	.1706155	.4866391	3.115834	3.442482	.0321881
#2	2.695919	.1675102	.5046582	3.137926	3.394228	.0314993
#3	2.498551	.1691119	.4976052	3.134336	3.406257	.0300322

Sample Name: M3187-12 Acquired: 08/12/2021 12:24:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068247	4.435580	3.385766	.0494318	.3826673	.0510567
Stddev	.0006624	.012492	.016599	.0039496	.0001007	.0008564
%RSD	9.706107	.2816417	.4902545	7.989900	.0263170	1.677266

#1	.0063106	4.433725	3.386573	.0495495	.3827796	.0500689
#2	.0065912	4.424118	3.368779	.0454248	.3825851	.0515902
#3	.0075722	4.448896	3.401947	.0533213	.3826372	.0515109

Elem	Sr4077
Units	ppm
Avg	.6724191
Stddev	.0011148
%RSD	.1657842

#1	.6723212
#2	.6713565
#3	.6735796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1344.041	28308.23	8061.972	782.4448	1517.811
Stddev	3.477	59.64	31.395	6.0909	2.066
%RSD	.2587023	.2106794	.3894261	.7784463	.1361269

#1	1347.299	28351.86	8097.931	787.2317	1515.690
#2	1344.443	28240.27	8047.977	775.5889	1517.927
#3	1340.380	28332.56	8040.008	784.5138	1519.817

Sample Name: M3187-13 Acquired: 08/12/2021 12:28:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342069	-.006852	1.570977	.0125251	-.001481	20.80751
Stddev	.0052584	.003752	.006380	.0023102	.004306	.08839
%RSD	15.37248	54.75934	.4061104	18.44420	290.7126	.4248063

#1	.0373270	-.008144	1.569176	.0109065	.001454	20.73155
#2	.0281358	-.002625	1.578063	.0151707	.000527	20.78644
#3	.0371580	-.009788	1.565690	.0114981	-.006424	20.90453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.761557	.0029695	.0033469	F 1566.020	.0463337	.0493876
Stddev	.002458	.0000783	.0002584	17.005	.0005227	.0004798
%RSD	.1395113	2.637559	7.719076	1.085856	1.128116	.9715394

#1	1.763067	.0030581	.0030872	1561.268	.0463662	.0499300
#2	1.758721	.0029409	.0033497	1551.896	.0468394	.0490187
#3	1.762882	.0029095	.0036039	1584.895	.0457955	.0492140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972102	55.42513	2.741078	F 869.3888	.0919892	.0012789
Stddev	.0034661	.45369	.002347	5.9562	.0007869	.0001337
%RSD	3.565588	.8185598	.0856065	.6850993	.8554191	10.45461

#1	.0982187	55.16699	2.743785	864.6189	.0928333	.0013593
#2	.0933516	55.15942	2.739626	867.4828	.0912759	.0011246
#3	.1000602	55.94899	2.739822	876.0647	.0918585	.0013528

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.287656	.1480954	.4453551	2.642131	2.992730	.0274646
Stddev	.066359	.0026909	.0074033	.060248	.014418	.0017207
%RSD	2.900736	1.816978	1.662336	2.280287	.4817792	6.265028

#1	2.227177	.1486560	.4456720	2.670256	3.007646	.0266955
#2	2.358641	.1504618	.4525949	2.572964	2.978867	.0262626
#3	2.277150	.1451684	.4377984	2.683174	2.991678	.0294356

Sample Name: M3187-13 Acquired: 08/12/2021 12:28:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063765	3.480200	3.772064	.0439528	.3731810	.0451340
Stddev	.0011530	.012507	.019712	.0016648	.0024753	.0006461
%RSD	18.08125	.3593725	.5225793	3.787716	.6633058	1.431566

#1	.0068908	3.494641	3.768206	.0446320	.3703727	.0448986
#2	.0071829	3.473078	3.754567	.0420558	.3741241	.0446386
#3	.0050559	3.472881	3.793420	.0451706	.3750462	.0458648

Elem	Sr4077
Units	ppm
Avg	.6309425
Stddev	.0014456
%RSD	.2291183

#1	.6307027
#2	.6296318
#3	.6324930

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.666	28421.78	8029.460	785.6980	1537.565
Stddev	1.872	141.84	29.504	9.9862	.604
%RSD	.1385049	.4990587	.3674472	1.270993	.0392778

#1	1353.442	28465.69	8039.258	788.2390	1537.112
#2	1351.844	28263.17	8052.818	774.6868	1537.332
#3	1349.711	28536.47	7996.303	794.1682	1538.251

Sample Name: M3187-14 Acquired: 08/12/2021 12:32:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0344243	-.011513	.4303538	.0238036	-.001301	48.38839	1.079841
Stddev	.0089890	.001681	.0030763	.0038386	.001797	.14315	.000873
%RSD	26.11245	14.60026	.7148360	16.12626	138.1187	.2958315	.0808260

#1	.0338179	-.009596	.4310976	.0230751	.000747	48.27893	1.080064
#2	.0257538	-.012735	.4329901	.0279543	-.002039	48.55038	1.080581
#3	.0437012	-.012209	.4269738	.0203815	-.002610	48.33585	1.078878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067349	.0022279	219.6663	.0887828	.1001971	.1035503	88.09800
Stddev	.0000384	.0001063	.1146	.0002325	.0008845	.0012072	.45115
%RSD	.5696633	4.771618	.0521516	.2619004	.8827502	1.165849	.5121039

#1	.0067503	.0022253	219.6884	.0889864	.1011009	.1037337	87.78131
#2	.0067632	.0021230	219.5422	.0888326	.0993333	.1046553	88.61456
#3	.0066912	.0023355	219.7681	.0885294	.1001572	.1022619	87.89812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.586815	106.0789	.0906207	.0026633	.3903013	.1885972	.3979992
Stddev	.005504	.5845	.0008976	.0001157	.1467234	.0029749	.0016622
%RSD	.0725474	.5509809	.9904817	4.346155	37.59236	1.577361	.4176424

#1	7.585331	105.6589	.0913956	.0027412	.4617892	.1904396	.3966103
#2	7.592910	106.7464	.0896372	.0025303	.2215352	.1851652	.3998409
#3	7.582206	105.8313	.0908293	.0027185	.4875794	.1901867	.3975464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803840	4.131139	.0133582	.0037884	3.005517	5.871684	.0031404
Stddev	.076900	.024427	.0016311	.0004919	.002986	.073976	.0025435
%RSD	1.600811	.5912860	12.21005	12.98370	.0993492	1.259877	80.99241

#1	4.735716	4.137720	.0142282	.0032336	3.005547	5.787503	.0010658
#2	4.887227	4.151602	.0143699	.0041711	3.002516	5.901220	.0059780
#3	4.788578	4.104096	.0114767	.0039606	3.008488	5.926329	.0023772

Sample Name: M3187-14 Acquired: 08/12/2021 12:32:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5R8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6701019	.0269105	.0621966
Stddev	.0021919	.0010994	.0004878
%RSD	.3270949	4.085389	.7842279

#1	.6693060	.0264459	.0624147
#2	.6725805	.0281659	.0616378
#3	.6684192	.0261197	.0625373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.370	32914.32	9171.921	931.8416	1851.069
Stddev	4.427	126.36	42.206	3.9246	1.720
%RSD	.2723621	.3838917	.4601675	.4211692	.0929420

#1	1630.187	33036.43	9215.745	934.9553	1849.107
#2	1621.480	32784.11	9131.544	927.4332	1852.320
#3	1624.442	32922.43	9168.473	933.1363	1851.780

Sample Name: M3187-15 Acquired: 08/12/2021 12:36:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336661	-.014300	.2805415	.0205522	.0015763	15.44742
Stddev	.0103344	.006161	.0019914	.0040637	.0010163	.04531
%RSD	30.69671	43.08492	.7098563	19.77248	64.47439	.2933319

#1	.0235249	-.007213	.2828235	.0190031	.0004958	15.42531
#2	.0332902	-.018387	.2796461	.0174909	.0025131	15.41741
#3	.0441834	-.017299	.2791550	.0251626	.0017200	15.49954

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.098190	.0026490	.0047390	F 1973.650	.0395667	.0381573
Stddev	.001870	.0000599	.0000316	11.254	.0004131	.0003384
%RSD	.1702751	2.261813	.6661650	.5701913	1.044011	.8869225

#1	1.097457	.0026053	.0047189	1975.413	.0398626	.0381608
#2	1.096798	.0026243	.0047754	1961.619	.0397428	.0378172
#3	1.100316	.0027173	.0047226	1983.918	.0390948	.0384940

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1342634	62.95576	3.461076	F 1090.056	.0601083	.0008488
Stddev	.0026461	.22617	.007063	3.838	.0007397	.0008075
%RSD	1.970818	.3592503	.2040743	.3520743	1.230701	95.13796

#1	.1320388	62.99101	3.453081	1088.587	.0609417	.0005964
#2	.1371896	62.71404	3.463674	1087.170	.0598542	.0017523
#3	.1335616	63.16223	3.466472	1094.412	.0595292	.0001976

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.868843	.1033865	.8920631	2.396321	1.980549	.0338593
Stddev	.233267	.0015102	.0147478	.031066	.013336	.0002185
%RSD	8.131036	1.460724	1.653226	1.296393	.6733279	.6451869

#1	2.600282	.1027762	.9023750	2.367150	1.992308	.0341116
#2	2.985240	.1022769	.8751706	2.428986	1.983280	.0337348
#3	3.021006	.1051063	.8986437	2.392826	1.966059	.0337316

Sample Name: M3187-15 Acquired: 08/12/2021 12:36:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5R9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153581	2.838553	2.494565	.0635010	.1204940	.0537524
Stddev	.0014863	.004866	.011362	.0049692	.0015915	.0004584
%RSD	9.677693	.1714295	.4554690	7.825467	1.320819	.8527239

#1	.0170654	2.835496	2.506663	.0636456	.1209446	.0537432
#2	.0143535	2.844164	2.492912	.0584610	.1187258	.0532988
#3	.0146552	2.835997	2.484121	.0683963	.1218117	.0542153

Elem	Sr4077
Units	ppm
Avg	.7130910
Stddev	.0009936
%RSD	.1393383

#1	.7125091
#2	.7125257
#3	.7142383

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.396	27439.85	7793.758	749.8396	1490.156
Stddev	2.283	63.54	16.822	4.8319	2.791
%RSD	.1758647	.2315599	.2158355	.6443970	.1873234

#1	1295.877	27471.77	7810.173	745.4789	1487.942
#2	1298.981	27481.09	7794.543	755.0342	1493.292
#3	1300.329	27366.67	7776.557	749.0058	1489.235

Sample Name: CCV056 Acquired: 08/12/2021 12:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.909916	4.840811	24.90198	4.926130	4.934920	404.0975	10.04476
Stddev	.015208	.009948	.02608	.018401	.003268	3.3094	.12070
%RSD	.3097358	.2054984	.1047374	.3735358	.0662301	.8189564	1.201615

#1	4.894003	4.830390	24.91896	4.904900	4.935203	401.0654	10.11133
#2	4.911439	4.850206	24.91503	4.937478	4.938038	403.5993	9.90543
#3	4.924304	4.841839	24.87195	4.936013	4.931520	407.6277	10.11751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5007795	2.497753	400.1672	15.21915	2.524774	15.02823	409.9113
Stddev	.0022221	.002108	1.0998	.02069	.002693	.02378	3.0852
%RSD	.4437192	.0844131	.2748372	.1359601	.1066613	.1582101	.7526484

#1	.4995521	2.498148	400.4950	15.24287	2.526316	15.04147	407.4511
#2	.4994418	2.499636	398.9407	15.20983	2.526342	15.00078	408.9101
#3	.5033445	2.495475	401.0658	15.20477	2.521665	15.04244	413.3728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73396	402.3453	2.499283	1.280530	400.8208	2.520925	15.24145
Stddev	.01836	3.7253	.002681	.001269	1.5046	.017127	.19310
%RSD	.1245874	.9258887	.1072628	.0990915	.3753690	.6793934	1.266966

#1	14.72880	399.0115	2.502378	1.279171	399.8829	2.510295	15.06598
#2	14.71874	401.6580	2.497677	1.280735	400.0233	2.511797	15.44834
#3	14.75435	406.3664	2.497795	1.281684	402.5562	2.540683	15.21004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.4794	5.190963	4.959709	4.965424	5.170267	4.919216	5.029063
Stddev	.4194	.012626	.043323	.004250	.010347	.041727	.004824
%RSD	.2750610	.2432212	.8734951	.0855984	.2001328	.8482516	.0959293

#1	152.5974	5.194919	4.924922	4.969259	5.158405	4.882193	5.033734
#2	152.0137	5.201136	4.945970	4.966159	5.177440	4.911022	5.029358
#3	152.8273	5.176833	5.008235	4.960855	5.174956	4.964432	5.024098

Sample Name: CCV056 Acquired: 08/12/2021 12:40:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.035449	5.120657	4.831402
Stddev	.019578	.020096	.016631
%RSD	.3888067	.3924538	.3442200

#1	5.025181	5.128874	4.812312
#2	5.023142	5.097754	4.842752
#3	5.058026	5.135342	4.839143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.360	27754.03	7932.548	739.0537	1597.124
Stddev	3.948	53.71	39.185	8.1873	5.782
%RSD	.3008256	.1935191	.4939721	1.107804	.3620384

#1	1310.775	27732.61	7946.659	744.5291	1593.638
#2	1309.451	27714.34	7962.723	729.6417	1593.935
#3	1316.854	27815.15	7888.263	742.9904	1603.798

Sample Name: CCB056 Acquired: 08/12/2021 12:44:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000979	-.006623	.0017536	-.002384	-.002758	.0037079	-.002450
Stddev	.005652	.001059	.0023683	.002642	.000287	.0042200	.000530
%RSD	577.0361	15.99525	135.0547	110.8540	10.39127	113.8108	21.65024

#1	-.000068	-.005534	.0044882	-.003739	-.003088	-.000908	-.002080
#2	-.007032	-.006686	.0004096	-.004073	-.002569	.004664	-.003057
#3	.004162	-.007650	.0003631	.000661	-.002617	.007368	-.002211

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001118	-.000013	.0134214	-.000008	.0005858	.0027177	.0074639
Stddev	.0000871	.000027	.0083175	.000467	.0004341	.0012191	.0075387
%RSD	77.86451	205.9421	61.97163	5516.910	74.11023	44.85678	101.0022

#1	.0000781	-.000004	.0213873	.000513	.0000849	.0034407	.0161683
#2	.0000467	-.000043	.0140848	-.000149	.0008538	.0013102	.0030316
#3	.0002108	.000008	.0047921	-.000390	.0008187	.0034022	.0031918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000949	-.000556	.0005769	-.000065	-.015218	.0011991	-.000158
Stddev	.0001698	.029410	.0006189	.000733	.220854	.0022260	.000558
%RSD	179.0071	5285.217	107.2720	1128.173	1451.246	185.6334	352.5091

#1	.0002578	-.034364	.0009988	-.000887	.182185	.0030187	-.000482
#2	.0001077	.013563	.0008655	.000171	-.253743	-.001283	-.000480
#3	-.000081	.019131	-.000134	.000521	.025903	.001861	.000486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283845	-.008972	.0082705	.0014914	.0002568	-.001836	-.003937
Stddev	.0416947	.002773	.0005121	.0009321	.0066323	.000371	.001256
%RSD	146.8923	30.90330	6.192445	62.50095	2582.768	20.22174	31.91402

#1	.0764781	-.006556	.0088181	.0020596	.0062749	-.001454	-.002486
#2	.0024136	-.012000	.0081901	.0019990	.0013495	-.002195	-.004648
#3	.0062619	-.008361	.0078033	.0004156	-.006854	-.001860	-.004676

Sample Name: CCB056 Acquired: 08/12/2021 12:44:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001432	.0007109	-.000034
Stddev	.0007336	.0015802	.000036
%RSD	512.4765	222.2782	105.5200

#1	-.000039	-.000694	-.000051
#2	-.000482	.000405	-.000058
#3	.000951	.002422	.000007

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.067	30266.09	8282.327	876.4569	1977.591
Stddev	3.767	132.24	64.773	6.1877	.288
%RSD	.2457316	.4369311	.7820629	.7059892	.0145739

#1	1531.012	30170.00	8211.039	870.5933	1977.687
#2	1537.415	30211.37	8337.570	875.8528	1977.267
#3	1530.775	30416.91	8298.371	882.9244	1977.819

Sample Name: M3187-16 Acquired: 08/12/2021 12:49:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0285360	-.005242	.2834661	.0242030	-.000075	37.96532	2.285993
Stddev	.0048376	.003782	.0030129	.0015266	.002043	.16349	.004200
%RSD	16.95264	72.15157	1.062864	6.307529	2734.969	.4306250	.1837205

#1	.0336886	-.006922	.2866324	.0232696	-.001571	37.77884	2.281823
#2	.0240914	-.007894	.2831313	.0259647	-.000905	38.03313	2.285935
#3	.0278280	-.000911	.2806347	.0233746	.002253	38.08400	2.290222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042244	.0025762	40.93298	.0773319	.0360060	.1179084	81.53610
Stddev	.0000056	.0000799	.06870	.0002552	.0002885	.0007985	.53189
%RSD	.1328289	3.101505	.1678473	.3299540	.8012708	.6771981	.6523421

#1	.0042305	.0026680	40.85490	.0772127	.0357159	.1185484	80.92698
#2	.0042232	.0025222	40.95982	.0776248	.0360092	.1181632	81.90878
#3	.0042194	.0025384	40.98421	.0771582	.0362929	.1170136	81.77254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.993479	10.67568	.0696331	.0028096	.3484682	.1461997	.4507432
Stddev	.004222	.08378	.0003474	.0000874	.0999129	.0021763	.0046608
%RSD	.0704462	.7847708	.4988374	3.111465	28.67202	1.488563	1.034021

#1	5.988615	10.58242	.0699179	.0027302	.2586846	.1436901	.4472507
#2	5.995627	10.74459	.0692461	.0027953	.3306164	.1475669	.4489434
#3	5.996196	10.70002	.0697353	.0029033	.4561036	.1473420	.4560355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.479082	3.419413	.0290837	.0041081	3.822629	3.237116	.0009447
Stddev	.052720	.023783	.0018193	.0008246	.021631	.016301	.0017317
%RSD	1.177034	.6955335	6.255298	20.07227	.5658641	.5035645	183.2949

#1	4.420534	3.413545	.0272657	.0043312	3.802869	3.222374	.0003119
#2	4.493917	3.445581	.0309043	.0047983	3.845740	3.234350	-.000381
#3	4.522796	3.399113	.0290811	.0031950	3.819277	3.254622	.002904

Sample Name: M3187-16 Acquired: 08/12/2021 12:49:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5S0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9122760	.0193841	.0285856
Stddev	.0046277	.0009658	.0004355
%RSD	.5072670	4.982326	1.523549

#1	.9076599	.0186047	.0288856
#2	.9122529	.0190829	.0280860
#3	.9169152	.0204645	.0287850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1587.904	31737.80	8760.971	908.6107	1980.379
Stddev	2.391	58.67	38.479	2.9354	5.953
%RSD	.1506048	.1848736	.4392128	.3230613	.3006164

#1	1590.061	31671.39	8803.484	906.3011	1983.985
#2	1585.333	31782.62	8750.903	911.9139	1973.507
#3	1588.319	31759.39	8728.527	907.6169	1983.645

Sample Name: M3187-17 Acquired: 08/12/2021 12:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486871	-.005081	3.779681	.0364968	-.000352	68.83663
Stddev	.0074719	.007019	.004900	.0015574	.001804	.06929
%RSD	15.34670	138.1318	.1296451	4.267338	512.5867	.1006578

#1	.0566478	.003023	3.783456	.0367424	-.001339	68.89230
#2	.0418259	-.009126	3.781443	.0348311	.001731	68.75903
#3	.0475877	-.009141	3.774143	.0379168	-.001448	68.85855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.24964	.0074034	.0224906	124.4346	.1763444	.1134581
Stddev	.11654	.0001694	.0001021	.3084	.0002565	.0006029
%RSD	.4439663	2.287811	.4538265	.2478531	.1454586	.5313566

#1	26.35095	.0075596	.0224925	124.0785	.1761306	.1140668
#2	26.12228	.0074272	.0223876	124.6138	.1766288	.1134461
#3	26.27570	.0072233	.0225918	124.6116	.1762739	.1128613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1880420	171.8082	10.49626	50.07398	.1202670	.0074182
Stddev	.0016763	1.0540	.02166	.36708	.0008542	.0001946
%RSD	.8914226	.6134536	.2063207	.7330707	.7102489	2.623546

#1	.1886611	172.9059	10.47493	50.38490	.1212069	.0076280
#2	.1893207	170.8043	10.51823	49.66904	.1200562	.0073830
#3	.1861443	171.7145	10.49563	50.16801	.1195380	.0072436

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9474605	.3017479	2.187149	5.928563	4.463081	.0351886
Stddev	.0201336	.0046656	.005338	.026943	.013160	.0011821
%RSD	2.125008	1.546185	.2440449	.4544606	.2948646	3.359362

#1	.9694995	.3003712	2.181029	5.953833	4.476086	.0349163
#2	.9428498	.2979256	2.190843	5.900212	4.449771	.0341664
#3	.9300321	.3069469	2.189574	5.931645	4.463384	.0364831

Sample Name: M3187-17 Acquired: 08/12/2021 12:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074671	11.14578	4.631985	.0069709	1.045447	.0428747
Stddev	.0009632	.04455	.049855	.0040162	.002642	.0004882
%RSD	12.89890	.3997006	1.076319	57.61386	.2527625	1.138557

#1	.0085788	11.14387	4.689552	.0043683	1.047824	.0425489
#2	.0068846	11.19125	4.603055	.0049480	1.042601	.0434360
#3	.0069378	11.10221	4.603348	.0115963	1.045915	.0426393

Elem	Sr4077
Units	ppm
Avg	.1191269
Stddev	.0011240
%RSD	.9435102

#1	.1178796
#2	.1200612
#3	.1194399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.986	32135.80	9031.799	914.9673	1902.544
Stddev	3.297	83.62	59.096	.5513	1.633
%RSD	.2061989	.2601979	.6543089	.0602555	.0858537

#1	1596.638	32229.43	8965.842	915.1578	1901.583
#2	1602.756	32068.57	9079.929	915.3980	1904.430
#3	1597.566	32109.39	9049.626	914.3459	1901.620

Sample Name: M3187-18 Acquired: 08/12/2021 12:57:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234858	-.007614	.1480008	.0179540	-.004539	54.23593	1.577089
Stddev	.0072359	.002459	.0039943	.0032003	.001028	.22947	.001997
%RSD	30.80972	32.29126	2.698836	17.82527	22.64266	.4230880	.1266281

#1	.0316190	-.006857	.1502828	.0143146	-.004003	54.00123	1.574880
#2	.0210766	-.005622	.1433887	.0203291	-.003890	54.45977	1.578768
#3	.0177618	-.010361	.1503309	.0192181	-.005724	54.24678	1.577617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051366	.0017541	114.1319	.0948895	.0461842	.1239015	82.23929
Stddev	.0000061	.0000710	.0243	.0011032	.0004705	.0008567	.56074
%RSD	.1194463	4.048787	.0213159	1.162597	1.018830	.6914705	.6818456

#1	.0051429	.0018359	114.1063	.0960647	.0463806	.1235466	81.97505
#2	.0051306	.0017074	114.1548	.0938762	.0456472	.1232793	82.88333
#3	.0051364	.0017192	114.1345	.0947277	.0465247	.1248787	81.85948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.068054	29.73413	.0704804	.0030518	.4321486	.1396210	.2659600
Stddev	.007618	.29353	.0007150	.0000748	.1357101	.0018748	.0044231
%RSD	.1503213	.9871745	1.014450	2.449445	31.40356	1.342771	1.663063

#1	5.059558	29.40724	.0697286	.0030075	.5319120	.1407447	.2708027
#2	5.070326	29.97514	.0711518	.0031381	.2776119	.1406615	.2649440
#3	5.074278	29.82001	.0705608	.0030098	.4869220	.1374567	.2621333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.575544	3.355418	.0279324	.0029729	4.009494	6.847299	.0049849
Stddev	.044325	.013580	.0020040	.0004224	.010216	.019867	.0015275
%RSD	.9687367	.4047096	7.174326	14.20748	.2547876	.2901469	30.64210

#1	4.626687	3.370792	.0257951	.0026880	3.999303	6.844110	.0047054
#2	4.548244	3.350404	.0297690	.0034582	4.019735	6.868568	.0066328
#3	4.551700	3.345059	.0282332	.0027726	4.009446	6.829219	.0036164

Sample Name: M3187-18 Acquired: 08/12/2021 12:57:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5S2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5969020	.0274251	.1675593
Stddev	.0040399	.0009445	.0009099
%RSD	.6768021	3.443745	.5430516

#1	.5933545	.0272613	.1665099
#2	.6012991	.0284407	.1680380
#3	.5960524	.0265733	.1681299

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1605.064	32303.59	9019.073	921.8474	1931.535
Stddev	4.586	85.52	19.689	5.6149	2.506
%RSD	.2857179	.2647496	.2183091	.6090928	.1297258

#1	1610.331	32206.06	9034.902	915.4838	1934.087
#2	1601.952	32338.93	8997.025	926.1041	1931.440
#3	1602.910	32365.78	9025.291	923.9544	1929.079

Sample Name: M3189-10 Acquired: 08/12/2021 13:01:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733364	-.013189	2.687931	.0583219	-.000263	138.8550	3.472099
Stddev	.0074027	.007113	.009454	.0037427	.001148	.2010	.005614
%RSD	10.09424	53.93371	.3517361	6.417355	436.2771	.1447275	.1616961

#1	.0758526	-.005174	2.677608	.0567358	-.000714	138.9760	3.475327
#2	.0791530	-.015642	2.690014	.0625965	-.001118	138.9659	3.465616
#3	.0650035	-.018751	2.696170	.0556334	.001042	138.6230	3.475353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125741	-.002235	17.68844	.2395439	.1365608	.2413675	287.8423
Stddev	.0000845	.000055	.02363	.0012707	.0002515	.0007293	.6617
%RSD	.6723109	2.448751	.1335880	.5304788	.1841339	.3021667	.2298793

#1	.0125594	-.002173	17.66942	.2403391	.1362707	.2409057	288.3942
#2	.0126650	-.002277	17.68100	.2402141	.1367176	.2422083	288.0239
#3	.0124979	-.002254	17.71489	.2380783	.1366939	.2409885	287.1088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.688606	20.49172	.1404031	.0114765	1.421985	.5641037	1.237299
Stddev	.007696	.07268	.0008987	.0004305	.120556	.0022175	.006932
%RSD	.1352950	.3546627	.6400767	3.750951	8.478014	.3930947	.5602430

#1	5.687038	20.54442	.1394421	.0112342	1.441347	.5666623	1.235118
#2	5.681814	20.52193	.1405443	.0112219	1.292920	.5627391	1.231719
#3	5.696966	20.40881	.1412228	.0119736	1.531689	.5629097	1.245058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.597576	1.681610	.0197527	.0069891	.9454112	19.86839	.0129385
Stddev	.061475	.006150	.0024256	.0004312	.0035879	.05398	.0016554
%RSD	1.098247	.3656955	12.27965	6.170165	.3795026	.2716685	12.79443

#1	5.562401	1.685061	.0200986	.0066356	.9471202	19.91073	.0112741
#2	5.561767	1.674510	.0219867	.0074696	.9412884	19.88682	.0145848
#3	5.668561	1.685259	.0171727	.0068622	.9478252	19.80761	.0129566

Sample Name: M3189-10 Acquired: 08/12/2021 13:01:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB5X0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.428831	.0806957	-.118726
Stddev	.003775	.0007550	.000873
%RSD	.2642023	.9355485	.7350142

#1	1.432374	.0805969	-.119410
#2	1.429261	.0799950	-.119025
#3	1.424860	.0814952	-.117743

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.232	33409.40	9306.785	956.8092	1936.892
Stddev	.842	99.95	21.676	1.5484	2.217
%RSD	.0502483	.2991705	.2329037	.1618265	.1144704

#1	1676.185	33393.45	9310.894	957.4529	1936.373
#2	1674.589	33516.37	9283.348	957.9319	1934.981
#3	1674.922	33318.38	9326.112	955.0428	1939.323

Sample Name: M3189-11 Acquired: 08/12/2021 13:05:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686691	-.009720	3.113483	.0634567	.0007784	143.2642	3.701080
Stddev	.0024689	.002584	.013901	.0035502	.0019965	.2378	.005782
%RSD	3.595384	26.58253	.4464810	5.594702	256.4824	.1660107	.1562324

#1	.0683224	-.012655	3.127307	.0666124	.0025090	143.1076	3.698149
#2	.0712931	-.008720	3.099506	.0641449	.0012321	143.5378	3.707741
#3	.0663919	-.007786	3.113635	.0596127	-.001406	143.1471	3.697351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136739	-.002458	18.93900	.2595421	.1254746	.2670688	311.8583
Stddev	.0003242	.000187	.02695	.0003378	.0005258	.0027446	.5222
%RSD	2.370612	7.613537	.1423114	.1301312	.4190533	1.027662	.1674387

#1	.0135310	-.002245	18.90858	.2595360	.1259251	.2642933	311.7163
#2	.0140450	-.002593	18.95991	.2592075	.1248969	.2671318	312.4368
#3	.0134457	-.002538	18.94851	.2598829	.1256019	.2697814	311.4218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.176433	20.75324	.1505482	.0123778	1.534861	.6136978	1.438435
Stddev	.011039	.06380	.0001652	.0005569	.227452	.0047638	.008909
%RSD	.2132466	.3074139	.1097265	4.499012	14.81906	.7762474	.6193424

#1	5.171698	20.81542	.1503991	.0117406	1.708037	.6091172	1.434749
#2	5.189049	20.75634	.1507258	.0126218	1.619276	.6133506	1.431960
#3	5.168552	20.68794	.1505198	.0127711	1.277270	.6186258	1.448595

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.414688	1.678603	.0165734	.0062502	.9666692	20.26652	.0134848
Stddev	.011690	.003000	.0065514	.0006783	.0104759	.04563	.0012834
%RSD	.2158973	.1787097	39.52967	10.85321	1.083708	.2251635	9.517631

#1	5.419976	1.675705	.0237811	.0062548	.9546729	20.24471	.0148112
#2	5.422800	1.681695	.0149589	.0069262	.9713215	20.31896	.0133941
#3	5.401288	1.678409	.0109802	.0055695	.9740131	20.23588	.0122492

Sample Name: M3189-11 Acquired: 08/12/2021 13:05:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.261287	.0820452	-.137018
Stddev	.001681	.0004567	.000285
%RSD	.1332910	.5565930	.2081466

#1	1.260058	.0817405	-.137241
#2	1.263203	.0825702	-.137115
#3	1.260600	.0818248	-.136696

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.042	33634.24	9391.285	964.6098	1933.685
Stddev	3.271	166.33	30.338	8.0436	3.873
%RSD	.1933404	.4945293	.3230485	.8338679	.2002702

#1	1695.437	33824.69	9413.185	970.9040	1929.616
#2	1688.910	33560.50	9356.656	967.3777	1937.326
#3	1691.781	33517.53	9404.014	955.5478	1934.113

Sample Name: M3189-12 Acquired: 08/12/2021 13:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359230	-.008259	4.172843	.0180571	.0071336	17.79932
Stddev	.0111538	.002184	.003161	.0036817	.0018234	.02312
%RSD	31.04903	26.44573	.0757584	20.38917	25.56089	.1298939

#1	.0472281	-.010764	4.176473	.0187427	.0051297	17.81471
#2	.0249270	-.007257	4.171363	.0213478	.0075762	17.81051
#3	.0356140	-.006755	4.170693	.0140808	.0086950	17.77273

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 36.06227	.0029514	.0298550	F 1069.810	.0766723	.0221373
Stddev	.30816	.0000235	.0003312	3.519	.0011186	.0002093
%RSD	.8545132	.7954222	1.109438	.3289682	1.459001	.9456288

#1	36.34047	.0029247	.0302295	1071.460	.0773475	.0222385
#2	36.11531	.0029689	.0296005	1072.200	.0753811	.0222767
#3	35.73104	.0029606	.0297349	1065.768	.0772884	.0218965

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1259586	62.71745	2.311332	603.1702	.0485398	.0024679
Stddev	.0016591	.23045	.009090	2.0610	.0002751	.0003940
%RSD	1.317181	.3674441	.3932767	.3416867	.5667334	15.96528

#1	.1253627	62.57473	2.313382	603.0813	.0484200	.0021409
#2	.1246797	62.98331	2.319222	605.2741	.0488545	.0029053
#3	.1278333	62.59431	2.301392	601.1551	.0483449	.0023574

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.975749	.1348751	4.982166	1.505589	2.196379	.0343741
Stddev	.224773	.0024687	.012736	.043755	.004941	.0014820
%RSD	11.37662	1.830375	.2556274	2.906174	.2249656	4.311303

#1	2.198892	.1361108	4.995947	1.457432	2.190704	.0328309
#2	1.978976	.1320325	4.970831	1.542904	2.198706	.0345055
#3	1.749380	.1364819	4.979720	1.516432	2.199727	.0357861

Sample Name: M3189-12 Acquired: 08/12/2021 13:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095448	13.41013	6.077524	.0344013	.3067922	.0416916
Stddev	.0010563	.03507	.045092	.0014299	.0015550	.0001213
%RSD	11.06695	.2615141	.7419520	4.156686	.5068400	.2909929

#1	.0094491	13.44950	6.107772	.0360106	.3060852	.0416416
#2	.0085396	13.39864	6.099102	.0332766	.3085750	.0416033
#3	.0106457	13.38225	6.025697	.0339168	.3057163	.0418299

Elem	Sr4077
Units	ppm
Avg	.6657100
Stddev	.0014553
%RSD	.2186072

#1	.6661683
#2	.6668809
#3	.6640807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.375	28333.66	8038.690	781.0356	1603.286
Stddev	2.916	27.31	23.710	2.0721	4.315
%RSD	.2153206	.0963740	.2949534	.2653024	.2691658

#1	1353.889	28316.43	8036.197	778.6552	1599.319
#2	1357.504	28319.41	8016.324	782.0158	1607.881
#3	1351.732	28365.14	8063.548	782.4357	1602.656

Sample Name: PB138330BL Acquired: 08/12/2021 13:13:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS330 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002564	-.005245	.0006060	.0046090	-.004384	-.001472	-.002515
Stddev	.005141	.003025	.0019768	.0042266	.001815	.009635	.000740
%RSD	200.4989	57.66959	326.1832	91.70443	41.40710	654.5358	29.43607

#1	.003009	-.003188	.0028531	.0055297	-.004629	.009526	-.002970
#2	-.007121	-.003830	-.000170	.0082993	-.006064	-.008423	-.002914
#3	-.003581	-.008719	-.000865	-.000002	-.002459	-.005519	-.001661

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001001	.0000673	.0090142	-.000112	.0000996	.0044191	.0043383
Stddev	.0001097	.0000895	.0124361	.000295	.0004353	.0000720	.0034249
%RSD	109.5579	132.9930	137.9611	264.1934	437.1158	1.628221	78.94625

#1	.0000131	.0000175	.0215657	.000221	.0005720	.0043382	.0006156
#2	.0002234	.0000138	.0087800	-.000342	.0000122	.0044760	.0050437
#3	.0000639	.0001707	-.003303	-.000214	-.000285	.0044430	.0073555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003304	.0218034	.0006924	-.000108	-.335362	.0017032	-.000499
Stddev	.0002355	.0043648	.0005253	.000282	.334901	.0034217	.000802
%RSD	71.27232	20.01900	75.87251	262.0981	99.86250	200.8936	160.7667

#1	.0006023	.0256849	.0001150	.000194	-.280890	.0028668	-.001419
#2	.0001935	.0226470	.0011421	-.000152	-.694160	-.002148	-.000129
#3	.0001954	.0170784	.0008201	-.000365	-.031036	.004391	.000051

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016322	-.004464	-.003514	.0001963	-.004174	-.001890	-.002685
Stddev	.0086334	.003881	.001312	.0003947	.005901	.000669	.000579
%RSD	528.9613	86.93678	37.32373	201.0267	141.3801	35.37837	21.54928

#1	-.007916	-.006015	-.003654	-.000170	-.005006	-.002350	-.002566
#2	.008888	-.007330	-.004751	.000614	.002099	-.002198	-.003314
#3	.003925	-.000048	-.002139	.000145	-.009615	-.001123	-.002176

Sample Name: PB138330BL Acquired: 08/12/2021 13:13:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS330 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002665	-.002616	-.000068
Stddev	.0010183	.001075	.000035
%RSD	382.1326	41.09813	51.65116

#1	-.000888	-.003421	-.000067
#2	.001036	-.001395	-.000104
#3	.000652	-.003032	-.000034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.133	29970.48	8221.723	864.3898	1953.654
Stddev	2.780	94.15	26.505	3.9232	2.754
%RSD	.1838612	.3141431	.3223780	.4538651	.1409629

#1	1508.978	29983.01	8245.972	860.1187	1950.548
#2	1513.200	29870.69	8193.427	867.8328	1955.798
#3	1514.222	30057.74	8225.769	865.2179	1954.615

Sample Name: PB138330BS Acquired: 08/12/2021 13:17:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS330 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240260	.0453644	.0203789	.0731046	.1216890	.3897002
Stddev	.0076727	.0023315	.0014515	.0026863	.0014479	.0074534
%RSD	31.93526	5.139472	7.122740	3.674605	1.189799	1.912591

#1	.0226312	.0470664	.0214941	.0719660	.1231377	.3980664
#2	.0171462	.0427070	.0209050	.0711751	.1216873	.3872655
#3	.0323004	.0463199	.0187377	.0761727	.1202420	.3837686

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4095651	.0110309	.0106396	10.32619	.0215898	.1019058
Stddev	.0006988	.0002190	.0000750	.02181	.0008917	.0005274
%RSD	.1706121	1.985551	.7052231	.2111837	4.130343	.5175240

#1	.4102997	.0112606	.0107139	10.30399	.0226195	.1019875
#2	.4094868	.0108244	.0105639	10.32699	.0210834	.1013423
#3	.4089088	.0110076	.0106410	10.34758	.0210666	.1023876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538860	.2187187	.0326038	9.706541	.0828621	.0193719
Stddev	.0011211	.0040133	.0000779	.070432	.0006506	.0008206
%RSD	2.080452	1.834923	.2389690	.7256188	.7851545	4.235828

#1	.0527937	.2183797	.0325158	9.725826	.0829288	.0200688
#2	.0550337	.2148856	.0326318	9.628475	.0834767	.0184675
#3	.0538307	.2228908	.0326639	9.765322	.0821807	.0195793

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.798212	.1129468	.1148082	9.514022	F .0119475	F .1979844
Stddev	.145566	.0025743	.0033441	.011880	.0015875	.0028594
%RSD	1.485638	2.279212	2.912799	.1248678	13.28689	1.444274

#1	9.965873	.1138567	.1131208	9.518590	.0101146	.2008367
#2	9.704040	.1100412	.1186599	9.522940	.0128808	.1979988
#3	9.724724	.1149426	.1126440	9.500536	.0128472	.1951179

Sample Name: PB138330BS Acquired: 08/12/2021 13:17:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS330 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217587	.1862120	.1878189	.0099010	.2143692	.0261453
Stddev	.0002110	.0009181	.0016841	.0010449	.0003498	.0004980
%RSD	.9698316	.4930128	.8966330	10.55364	.1631970	1.904648
#1	.0219030	.1861237	.1894160	.0107631	.2144868	.0266894
#2	.0215165	.1871711	.1860596	.0087389	.2139757	.0260344
#3	.0218564	.1853413	.1879809	.0102011	.2146451	.0257121

Elem	Sr4077
Units	ppm
Avg	.2204991
Stddev	.0006937
%RSD	.3146155
#1	.2213001
#2	.2200930
#3	.2201042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.675	29971.74	8319.463	861.9176	1973.659
Stddev	4.033	161.51	53.651	.3249	2.182
%RSD	.2669864	.5388760	.6448889	.0376939	.1105681
#1	1506.060	30133.95	8267.954	861.6791	1971.822
#2	1513.528	29810.94	8375.027	861.7860	1973.082
#3	1512.437	29970.33	8315.410	862.2876	1976.071

Sample Name: M3245-01 Acquired: 08/12/2021 13:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403259	-.016673	.1071964	.0396904	.0031445	62.93627
Stddev	.0119390	.010778	.0058868	.0017047	.0043302	.20899
%RSD	29.60617	64.64584	5.491565	4.294957	137.7080	.3320633

#1	.0420598	-.014025	.1046121	.0415896	.0022351	62.92510
#2	.0513031	-.007465	.1030439	.0382926	-.000659	62.73310
#3	.0276148	-.028528	.1139333	.0391891	.007857	63.15062

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.452754	.0099320	.0021699	F 2116.019	.1150507	.0594001
Stddev	.002279	.0001535	.0001821	9.258	.0008180	.0004428
%RSD	.1568771	1.545106	8.392727	.4375056	.7109784	.7454243

#1	1.452775	.0098826	.0020970	2113.589	.1158742	.0589427
#2	1.455023	.0098093	.0023772	2108.219	.1150397	.0598267
#3	1.450465	.0101041	.0020355	2126.250	.1142383	.0594308

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1280976	145.7403	7.292618	207.5036	.1371559	.0038300
Stddev	.0031349	1.4691	.019727	2.0975	.0021527	.0002220
%RSD	2.447247	1.008028	.2705095	1.010804	1.569557	5.795309

#1	.1307511	146.4568	7.280443	208.5803	.1348959	.0040860
#2	.1246385	144.0504	7.315378	205.0864	.1373894	.0036911
#3	.1289030	146.7137	7.282032	208.8440	.1391824	.0037129

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.938616	.1187675	.4802858	11.00577	4.507284	.0850557
Stddev	.179565	.0042880	.0040872	.07037	.003355	.0036500
%RSD	3.023683	3.610419	.8509859	.6393674	.0744422	4.291358

#1	5.775446	.1229937	.4836773	11.08290	4.504258	.0879937
#2	6.130995	.1144203	.4757479	10.94508	4.510892	.0809696
#3	5.909407	.1188884	.4814323	10.98932	4.506703	.0862037

Sample Name: M3245-01 Acquired: 08/12/2021 13:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070370	35.57675	8.920481	.0717806	.6815885	.1261446
Stddev	.0004003	.03878	.038646	.0027106	.0011686	.0010728
%RSD	5.688388	.1090042	.4332278	3.776177	.1714470	.8504241

#1	.0074948	35.60729	8.909967	.0748689	.6827775	.1260397
#2	.0068635	35.53312	8.888179	.0697962	.6804415	.1251282
#3	.0067529	35.58984	8.963295	.0706766	.6815467	.1272660

Elem	Sr4077
Units	ppm
Avg	3.969648
Stddev	.057933
%RSD	1.459400

#1	3.902756
#2	4.002589
#3	4.003601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.026	29467.16	8575.718	816.3251	1517.332
Stddev	2.881	124.97	22.224	9.1868	1.780
%RSD	.2031369	.4240916	.2591487	1.125386	.1172925

#1	1419.848	29363.23	8570.695	817.4755	1515.278
#2	1419.524	29432.43	8600.024	806.6173	1518.404
#3	1414.705	29605.82	8556.436	824.8826	1518.315

Sample Name: M3245-02 Acquired: 08/12/2021 13:26:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469757	-.014567	.1075934	.0553066	-.001458	53.10947	.7554213
Stddev	.0010938	.002235	.0048465	.0044946	.002508	.11455	.0008001
%RSD	2.328510	15.34566	4.504496	8.126760	172.0811	.2156853	.1059168

#1	.0463660	-.012168	.1130107	.0601006	.001438	53.01774	.7552828
#2	.0482385	-.016591	.1036688	.0546314	-.002857	53.07281	.7546995
#3	.0463225	-.014942	.1061008	.0511878	-.002955	53.23786	.7562816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081371	-.000368	124.9729	.2650504	.0998701	.2057405	269.0864
Stddev	.0002240	.000145	.2152	.0020275	.0005756	.0013677	.8202
%RSD	2.752831	39.30939	.1721970	.7649450	.5763202	.6647782	.3048020

#1	.0078789	-.000237	124.8639	.2660440	.1005141	.2068386	268.2036
#2	.0082803	-.000343	124.8341	.2627178	.0994058	.2061744	269.2308
#3	.0082520	-.000523	125.2208	.2663894	.0996905	.2042084	269.8247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.573778	23.95576	.2260883	.0095071	1.923176	.1533105	.6350314
Stddev	.014537	.16533	.0015063	.0004019	.133673	.0020674	.0010460
%RSD	.1695506	.6901625	.6662282	4.227679	6.950640	1.348503	.1647166

#1	8.563510	23.77883	.2265409	.0096471	2.071482	.1538776	.6355996
#2	8.567413	23.98213	.2244076	.0098203	1.811975	.1550352	.6356703
#3	8.590412	24.10633	.2273164	.0090539	1.886072	.1510187	.6338242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.780060	4.248249	.0302428	.0294239	2.104814	5.257381	.0051447
Stddev	.028024	.010757	.0024603	.0004016	.008268	.020758	.0014814
%RSD	.4848368	.2532022	8.135214	1.365011	.3928334	.3948379	28.79420

#1	5.757956	4.250564	.0274277	.0289848	2.106936	5.234772	.0041946
#2	5.770646	4.257659	.0313192	.0295142	2.095692	5.261789	.0068516
#3	5.811579	4.236523	.0319815	.0297727	2.111815	5.275580	.0043879

Sample Name: M3245-02 Acquired: 08/12/2021 13:26:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6704723	.0861191	.0012205
Stddev	.0039598	.0000555	.0006191
%RSD	.5905922	.0644860	50.72213

#1	.6675133	.0860568	.0017801
#2	.6689329	.0861371	.0013261
#3	.6749705	.0861634	.0005555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.199	34108.34	9577.339	962.2480	1877.353
Stddev	2.340	40.76	40.424	3.1185	4.714
%RSD	.1378741	.1195108	.4220786	.3240859	.2511155

#1	1696.349	34074.61	9611.609	959.1156	1873.041
#2	1699.845	34153.64	9587.650	965.3525	1882.386
#3	1695.403	34096.77	9532.759	962.2760	1876.631

Sample Name: M3245-03 Acquired: 08/12/2021 13:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611273	-.007534	.1494347	.0526912	-.001253	78.59663	.4410797
Stddev	.0087333	.001851	.0027750	.0036379	.002337	.05454	.0005799
%RSD	14.28708	24.57314	1.856986	6.904253	186.4627	.0693925	.1314619

#1	.0681522	-.005785	.1500393	.0519498	-.001744	78.65619	.4408678
#2	.0638804	-.007343	.1464072	.0566427	-.003306	78.58458	.4406356
#3	.0513492	-.009473	.1518574	.0494811	.001290	78.54913	.4417357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081329	-.000303	11.12721	.1246324	.1057792	.2118959	261.8252
Stddev	.0001335	.000077	.02307	.0002969	.0008626	.0011108	.2563
%RSD	1.641414	25.53567	.2073178	.2381950	.8154660	.5242195	.0979039

#1	.0079804	-.000368	11.12976	.1245084	.1047836	.2106309	261.9873
#2	.0081900	-.000218	11.10298	.1244177	.1063039	.2127119	261.9586
#3	.0082284	-.000324	11.14890	.1249712	.1062500	.2123450	261.5297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.479095	14.85106	.1815943	.0100009	.9509476	.1796297	.8729343
Stddev	.016062	.07356	.0017799	.0001146	.1153274	.0033882	.0063690
%RSD	.2931556	.4953385	.9801625	1.145752	12.12763	1.886210	.7296107

#1	5.488678	14.93599	.1796284	.0100372	.9102444	.1768371	.8657398
#2	5.460551	14.80729	.1820579	.0100930	1.081107	.1786530	.8778522
#3	5.488055	14.80991	.1830965	.0098726	.861491	.1833989	.8752110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.414328	4.853575	.0269439	.0048357	.4428983	5.740681	.0069428
Stddev	.059014	.021172	.0047601	.0002595	.0052552	.032397	.0040859
%RSD	1.336885	.4362101	17.66652	5.366672	1.186537	.5643348	58.85006

#1	4.434552	4.833275	.0216465	.0050173	.4461026	5.776739	.0105169
#2	4.347861	4.875523	.0308619	.0045385	.4368335	5.714025	.0024886
#3	4.460572	4.851929	.0283234	.0049514	.4457589	5.731280	.0078230

Sample Name: M3245-03 Acquired: 08/12/2021 13:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8917957	.0816312	-.197940
Stddev	.0023300	.0005581	.000258
%RSD	.2612751	.6836947	.1305376

#1	.8926377	.0818802	-.198231
#2	.8891617	.0809919	-.197854
#3	.8935877	.0820214	-.197736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.850	33374.35	9352.585	955.3674	1926.793
Stddev	1.710	119.06	50.757	3.3980	.470
%RSD	.1020460	.3567295	.5427069	.3556697	.0243765

#1	1673.893	33300.55	9294.316	954.5707	1927.218
#2	1676.601	33511.69	9387.183	952.4385	1926.872
#3	1677.056	33310.79	9376.256	959.0929	1926.288

Sample Name: M3245-04 Acquired: 08/12/2021 13:34:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349402	-.005646	.0634209	.0427838	-.001209	30.65252	.5820591
Stddev	.0047666	.000511	.0065417	.0028947	.002759	.05898	.0017570
%RSD	13.64215	9.056707	10.31480	6.765926	228.1452	.1924146	.3018557

#1	.0402173	-.005151	.0559904	.0402591	-.000624	30.70494	.5829719
#2	.0309473	-.005613	.0683128	.0459432	.001210	30.66396	.5831717
#3	.0336559	-.006172	.0659596	.0421492	-.004214	30.58866	.5800336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064706	-.001348	219.1452	.0750511	.0650887	.1493782	235.1172
Stddev	.0001415	.000121	.5439	.0007729	.0007434	.0008845	.9981
%RSD	2.187293	8.985043	.2481802	1.029886	1.142198	.5921373	.4244969

#1	.0066104	-.001272	218.6441	.0759327	.0659340	.1487183	236.2695
#2	.0063274	-.001488	219.7236	.0744898	.0647959	.1503833	234.5241
#3	.0064740	-.001285	219.0679	.0747309	.0645363	.1490331	234.5579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.271415	33.31548	.1191702	.0086189	1.110421	.1046248	.4798383
Stddev	.022549	.09517	.0002948	.0003809	.065449	.0024530	.0026567
%RSD	.4277593	.2856633	.2473448	4.419491	5.894108	2.344563	.5536771

#1	5.247015	33.41351	.1190376	.0089857	1.076043	.1031491	.4822622
#2	5.291486	33.22346	.1195080	.0082253	1.069324	.1032689	.4769979
#3	5.275745	33.30945	.1189650	.0086457	1.185896	.1074565	.4802547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.033875	3.810433	.0223644	.0014773	1.238225	4.641458	.0011314
Stddev	.043226	.014029	.0054675	.0002233	.003566	.005121	.0017837
%RSD	1.071578	.3681766	24.44761	15.11791	.2880000	.1103374	157.6555

#1	4.034589	3.796726	.0268828	.0012578	1.235128	4.645267	-.000717
#2	4.076739	3.824763	.0162865	.0017043	1.242123	4.643470	.001269
#3	3.990296	3.809809	.0239237	.0014697	1.237424	4.635636	.002842

Sample Name: M3245-04 Acquired: 08/12/2021 13:34:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5246104	.0614820	.1284146
Stddev	.0074366	.0006255	.0007442
%RSD	1.417540	1.017430	.5795418

#1	.5326626	.0607733	.1281391
#2	.5231677	.0619569	.1292573
#3	.5180008	.0617158	.1278475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1576.625	31696.03	8941.079	895.4253	1843.706
Stddev	.760	133.34	24.281	1.3485	2.644
%RSD	.0481808	.4206969	.2715647	.1505935	.1433879

#1	1576.810	31627.98	8913.813	895.8300	1846.270
#2	1577.275	31849.67	8949.059	893.9208	1840.989
#3	1575.790	31610.44	8960.366	896.5250	1843.860

Sample Name: M3245-05 Acquired: 08/12/2021 13:38:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734258	-.006702	.7311748	.0519497	.0003861	80.33742
Stddev	.0046508	.003659	.0029124	.0076767	.0006032	.19960
%RSD	6.334080	54.60453	.3983158	14.77713	156.2223	.2484519

#1	.0689136	-.005734	.7304339	.0607875	.0008267	80.31364
#2	.0731601	-.003623	.7287044	.0481234	.0006330	80.15077
#3	.0782039	-.010748	.7343861	.0469382	-.000301	80.54784

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204869	.0099990	.0081756	23.18651	.1164023	.0969557
Stddev	.002334	.0001484	.0001796	.03342	.0004801	.0006863
%RSD	.1937249	1.483833	2.196171	.1441485	.4124281	.7078742

#1	1.205054	.0101691	.0081113	23.20849	.1163691	.0975980
#2	1.207105	.0098958	.0083785	23.20300	.1168982	.0970365
#3	1.202448	.0099322	.0080371	23.14805	.1159397	.0962325

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6617033	253.4316	9.651899	17.91036	.2064599	.0104098
Stddev	.0034762	1.3346	.022222	.10849	.0008164	.0005803
%RSD	.5253416	.5266216	.2302369	.6057415	.3954297	5.574802

#1	.6583577	253.7594	9.667163	17.91781	.2066106	.0102243
#2	.6614553	251.9636	9.662129	17.79833	.2071905	.0099449
#3	.6652968	254.5717	9.626404	18.01493	.2055787	.0110602

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.141516	.1774867	3.415945	4.450866	F 10.45408	.0445042
Stddev	.024915	.0023479	.010458	.026788	.01754	.0025931
%RSD	2.182643	1.322882	.3061425	.6018687	.1677674	5.826573

#1	1.136087	.1800900	3.404787	4.424799	10.46175	.0442926
#2	1.168699	.1755294	3.417525	4.449477	10.43402	.0471967
#3	1.119763	.1768406	3.425523	4.478322	10.46648	.0420235

Sample Name: M3245-05 Acquired: 08/12/2021 13:38:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083898	6.654966	5.987459	.0322105	1.184285	.0701225
Stddev	.0006721	.009373	.030166	.0010920	.002188	.0008253
%RSD	8.011469	.1408396	.5038179	3.390210	.1847812	1.176934

#1	.0087396	6.644735	6.017617	.0321525	1.185976	.0702583
#2	.0076149	6.657023	5.957285	.0333303	1.181813	.0692377
#3	.0088149	6.663139	5.987474	.0311486	1.185066	.0708715

Elem	Sr4077
Units	ppm
Avg	-.072258
Stddev	.000914
%RSD	1.265276

#1	-.072540
#2	-.071236
#3	-.072998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.860	36114.33	10101.70	1030.331	1917.058
Stddev	3.449	70.44	53.95	.275	1.766
%RSD	.1907699	.1950373	.5340462	.0266638	.0920950

#1	1808.127	36171.00	10047.20	1030.154	1917.529
#2	1804.285	36035.47	10155.07	1030.191	1918.541
#3	1811.167	36136.51	10102.84	1030.647	1915.105

Sample Name: M3245-06 Acquired: 08/12/2021 13:42:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0627695	-.008170	.1373109	.0570730	.0000795	73.47049	.5250017
Stddev	.0072264	.005095	.0010064	.0019893	.0004108	.25769	.0009887
%RSD	11.51266	62.36211	.7328969	3.485473	516.5927	.3507363	.1883252

#1	.0655067	-.014025	.1362271	.0589068	-.000164	73.28435	.5238611
#2	.0545743	-.004741	.1382159	.0573541	-.000151	73.76460	.5256134
#3	.0682275	-.005745	.1374896	.0549581	.000554	73.36253	.5255307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086556	-.001678	12.99729	.1574460	.1134056	.2171355	273.0437
Stddev	.0000407	.000045	.01279	.0005209	.0006577	.0039090	1.8897
%RSD	.4699487	2.710602	.0984347	.3308088	.5799600	1.800272	.6920961

#1	.0087018	-.001687	12.99094	.1573141	.1136247	.2153272	271.8945
#2	.0086397	-.001628	12.98891	.1580202	.1139258	.2216213	275.2247
#3	.0086252	-.001718	13.01201	.1570039	.1126663	.2144580	272.0119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.481831	15.89881	.1888342	.0106155	1.089338	.1821237	.9335309
Stddev	.009308	.11233	.0013165	.0003397	.159423	.0035337	.0070374
%RSD	.1697985	.7065366	.6971753	3.199821	14.63485	1.940292	.7538510

#1	5.480579	15.78955	.1895871	.0102911	1.115930	.1793303	.9416564
#2	5.473212	16.01398	.1873141	.0109686	.918291	.1860962	.9295598
#3	5.491701	15.89290	.1896015	.0105869	1.233793	.1809446	.9293767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.001171	3.439792	.0264265	.0097472	1.399047	5.236190	.0078248
Stddev	.039502	.010883	.0007170	.0002299	.020758	.042822	.0006901
%RSD	.6582389	.3163838	2.713298	2.358135	1.483697	.8178036	8.819710

#1	6.045809	3.438889	.0256003	.0095214	1.421201	5.218986	.0085985
#2	5.986979	3.429389	.0267927	.0097393	1.380047	5.284938	.0076032
#3	5.970727	3.451098	.0268865	.0099809	1.395893	5.204646	.0072728

Sample Name: M3245-06 Acquired: 08/12/2021 13:42:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6891441	.0964880	-.204064
Stddev	.0042981	.0013087	.001751
%RSD	.6236930	1.356282	.8580246

#1	.6841887	.0973975	-.203058
#2	.6918602	.0970782	-.206086
#3	.6913835	.0949882	-.203048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.513	32803.55	9123.809	937.7186	1926.031
Stddev	1.571	51.99	31.877	2.7532	1.944
%RSD	.0956835	.1585017	.3493810	.2936081	.1009166

#1	1639.784	32751.97	9136.292	934.5912	1923.787
#2	1641.904	32802.74	9087.579	938.7876	1927.214
#3	1642.852	32855.94	9147.554	939.7770	1927.091

Sample Name: M3245-07 Acquired: 08/12/2021 13:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549359	-.008545	2.461244	.0570405	.0090850	84.31568	1.228423
Stddev	.0081398	.001595	.005324	.0021332	.0009299	.24518	.001674
%RSD	14.81689	18.67147	.2163060	3.739864	10.23556	.2907910	.1362483

#1	.0540441	-.006704	2.455395	.0549532	.0090135	84.04469	1.230280
#2	.0472788	-.009413	2.465807	.0569513	.0081929	84.38020	1.227030
#3	.0634849	-.009518	2.462530	.0592169	.0100486	84.52215	1.227959

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099117	.0225682	16.78852	.1183102	.0833149	.6844284	229.7024
Stddev	.0001892	.0001287	.02125	.0005133	.0003223	.0029731	1.0952
%RSD	1.908865	.5702780	.1265801	.4338720	.3868954	.4343985	.4767980

#1	.0100765	.0224230	16.76634	.1188728	.0834846	.6876500	228.9599
#2	.0097051	.0226682	16.80869	.1181903	.0835169	.6817902	229.1872
#3	.0099535	.0226134	16.79053	.1178675	.0829432	.6838451	230.9603

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.254365	9.772419	.1460367	.0100512	1.808301	.1899202	6.098688
Stddev	.011328	.045450	.0005860	.0001391	.054900	.0012564	.012274
%RSD	.1561603	.4650881	.4012697	1.384216	3.036016	.6615630	.2012617

#1	7.262104	9.759997	.1457431	.0100002	1.821491	.1913590	6.111412
#2	7.259628	9.734472	.1456556	.0099448	1.748007	.1893622	6.097733
#3	7.241362	9.822789	.1467115	.0102086	1.855405	.1890394	6.086919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.906325	8.972512	.0490497	.0092003	13.99581	5.359112	.3661164
Stddev	.071590	.018212	.0010490	.0004744	.01608	.006665	.0027422
%RSD	1.212090	.2029704	2.138572	5.156364	.1148978	.1243734	.7489940

#1	5.823788	8.958966	.0490547	.0097280	13.99263	5.366344	.3692825
#2	5.951580	8.993215	.0479982	.0088092	13.98155	5.353216	.3645006
#3	5.943607	8.965355	.0500961	.0090636	14.01324	5.357777	.3645659

Sample Name: M3245-07 Acquired: 08/12/2021 13:46:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8933810	.0707395	.0598595
Stddev	.0036420	.0014012	.0001469
%RSD	.4076672	1.980758	.2454838

#1	.8893544	.0714961	.0597094
#2	.8943433	.0691226	.0600031
#3	.8964452	.0715997	.0598660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.592	34594.71	9686.426	988.0638	1936.164
Stddev	4.147	118.24	19.691	5.9975	1.144
%RSD	.2395012	.3417908	.2032836	.6069956	.0590882

#1	1736.313	34594.04	9705.755	984.3071	1936.794
#2	1729.925	34476.80	9666.392	984.9037	1934.843
#3	1728.537	34713.28	9687.129	994.9805	1936.854

Sample Name: M3245-08 Acquired: 08/12/2021 13:50:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608212	-.004038	2.463544	.0552304	.0091758	84.09875	1.226471
Stddev	.0057064	.007885	.003746	.0014154	.0017921	.11389	.001611
%RSD	9.382300	195.2550	.1520725	2.562721	19.53035	.1354253	.1313196

#1	.0640777	-.012221	2.459219	.0568085	.0082057	84.14382	1.226616
#2	.0542322	.003511	2.465779	.0540732	.0080779	84.18322	1.228004
#3	.0641539	-.003405	2.465634	.0548094	.0112438	83.96923	1.224793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096756	.0227448	16.70488	.1176079	.0828163	.6826615	228.7834
Stddev	.0001854	.0002338	.03213	.0011912	.0002174	.0031124	.5785
%RSD	1.916150	1.027958	.1923237	1.012823	.2624973	.4559273	.2528773

#1	.0098033	.0230062	16.70344	.1168548	.0827913	.6848027	229.0340
#2	.0097606	.0225557	16.73770	.1169876	.0830451	.6840906	229.1945
#3	.0094630	.0226726	16.67349	.1189811	.0826125	.6790911	228.1219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.237229	9.721376	.1466740	.0101905	1.782507	.1886809	6.095854
Stddev	.006063	.052333	.0009645	.0006055	.231362	.0006916	.030565
%RSD	.0837707	.5383278	.6575669	5.942193	12.97960	.3665466	.5014134

#1	7.239854	9.781423	.1472384	.0097951	1.681062	.1882103	6.130966
#2	7.241537	9.697225	.1472233	.0108876	2.047262	.1883575	6.075202
#3	7.230296	9.685480	.1455603	.0098887	1.619196	.1894750	6.081393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.926809	8.907036	.0456757	.0091861	13.91403	5.361577	.3650288
Stddev	.090502	.037692	.0011358	.0007503	.00759	.005391	.0036526
%RSD	1.526987	.4231739	2.486714	8.167828	.0545424	.1005458	1.000637

#1	6.004756	8.941740	.0465291	.0085039	13.91992	5.355451	.3648558
#2	5.948115	8.866937	.0461116	.0099897	13.90546	5.365596	.3687648
#3	5.827555	8.912431	.0443865	.0090649	13.91670	5.363685	.3614658

Sample Name: M3245-08 Acquired: 08/12/2021 13:50:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8954922	.0700020	.0600391
Stddev	.0030334	.0003900	.0003371
%RSD	.3387413	.5571433	.5614723

#1	.8986030	.0695565	.0603865
#2	.8953311	.0701679	.0597133
#3	.8925426	.0702817	.0600176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.383	34505.05	9686.832	987.1506	1936.983
Stddev	2.724	167.08	19.935	4.2937	4.258
%RSD	.1575153	.4842153	.2057996	.4349638	.2198396

#1	1729.817	34409.58	9689.045	982.2210	1934.702
#2	1731.864	34407.59	9665.882	990.0743	1941.896
#3	1726.468	34697.97	9705.568	989.1565	1934.352

Sample Name: M3245-09 Acquired: 08/12/2021 13:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1269677	.0825238	2.460680	.2376810	.1903005	86.48975	5.093923
Stddev	.0057197	.0028054	.007922	.0074810	.0037431	.18860	.005880
%RSD	4.504838	3.399478	.3219440	3.147506	1.966963	.2180584	.1154254

#1	.1250392	.0846226	2.461956	.2457540	.1946221	86.30616	5.094943
#2	.1334023	.0793375	2.452197	.2363062	.1882010	86.48011	5.087600
#3	.1224615	.0836113	2.467886	.2309826	.1880783	86.68298	5.099226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054863	.1310590	16.40444	.5118711	1.160107	1.152075	228.8521
Stddev	.0004254	.0002023	.02750	.0004420	.000997	.004664	.9415
%RSD	.4032513	.1543404	.1676622	.0863562	.0859329	.4048769	.4113941

#1	.1059109	.1311134	16.43284	.5113911	1.159973	1.157185	228.1100
#2	.1054879	.1308350	16.37792	.5119610	1.161164	1.148046	228.5352
#3	.1050601	.1312284	16.40256	.5122613	1.159184	1.150994	229.9112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.023121	9.585859	1.236820	.0999292	1.452073	1.168494	6.905161
Stddev	.020605	.036116	.001573	.0002959	.107365	.001750	.072530
%RSD	.2568233	.3767653	.1271871	.2960687	7.393919	.1497559	1.050371

#1	8.044458	9.566104	1.235113	.1002323	1.502833	1.167189	6.872606
#2	8.003334	9.563931	1.237135	.0996412	1.524646	1.167810	6.854612
#3	8.021572	9.627544	1.238212	.0999141	1.328740	1.170482	6.988264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.841828	8.824455	.0445564	.0097211	13.73782	5.376480	.3596732
Stddev	.091946	.034078	.0055806	.0003342	.04460	.011758	.0028061
%RSD	1.573918	.3861792	12.52491	3.437987	.3246406	.2186909	.7801830

#1	5.738056	8.786536	.0398843	.0101068	13.70208	5.382871	.3598143
#2	5.913144	8.852522	.0430490	.0095396	13.72357	5.383658	.3567991
#3	5.874285	8.834307	.0507359	.0095169	13.78780	5.362911	.3624060

Sample Name: M3245-09 Acquired: 08/12/2021 13:54:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8803792	.0709576	.0556853
Stddev	.0039676	.0013988	.0008206
%RSD	.4506729	1.971375	1.473627

#1	.8798337	.0725196	.0561496
#2	.8767126	.0705327	.0561686
#3	.8845914	.0698205	.0547379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.823	34417.15	9655.535	979.5029	1930.666
Stddev	5.507	107.29	10.991	8.5510	4.092
%RSD	.3205871	.3117333	.1138283	.8729965	.2119418

#1	1721.190	34494.03	9659.552	983.3025	1935.038
#2	1720.810	34462.84	9663.952	985.4957	1930.033
#3	1711.467	34294.58	9643.101	969.7106	1926.928

Sample Name: M3245-07LX5 Acquired: 08/12/2021 14:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138029	-.006533	.4742096	.0166027	-.001919	18.00304	.2605114
Stddev	.0080659	.003921	.0047475	.0033267	.002352	.06996	.0001879
%RSD	58.43604	60.01248	1.001133	20.03732	122.5289	.3886226	.0721457

#1	.0103185	-.002046	.4758694	.0138375	.000754	17.93643	.2605900
#2	.0080650	-.008260	.4688551	.0202945	-.003668	17.99677	.2606473
#3	.0230253	-.009295	.4779043	.0156762	-.002844	18.07593	.2602969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021029	.0043748	3.607857	.0251854	.0165954	.1511462	49.54428
Stddev	.0000178	.0000936	.004528	.0007198	.0003341	.0013220	.29848
%RSD	.8469629	2.139242	.1255013	2.858136	2.013085	.8746635	.6024428

#1	.0021074	.0043058	3.606671	.0259573	.0163295	.1501995	49.28193
#2	.0021181	.0043372	3.604039	.0245325	.0169704	.1505824	49.48189
#3	.0020833	.0044813	3.612859	.0250665	.0164863	.1526566	49.86902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.587194	2.104117	.0295954	.0022601	.1879880	.0400908	1.332486
Stddev	.002568	.039400	.0012369	.0001482	.2227075	.0006412	.007122
%RSD	.1618090	1.872533	4.179556	6.557303	118.4690	1.599287	.5345058

#1	1.586514	2.058633	.0288824	.0022493	-.061791	.0406220	1.331151
#2	1.585034	2.127759	.0310237	.0021177	.365853	.0393786	1.326126
#3	1.590034	2.125959	.0288800	.0024135	.259903	.0402717	1.340181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.177565	1.780526	.0100211	.0021563	2.811849	1.184341	.0673984
Stddev	.043323	.013288	.0009306	.0002188	.024593	.014045	.0020519
%RSD	3.678995	.7462839	9.286467	10.14612	.8746251	1.185856	3.044448

#1	1.131624	1.767690	.0089476	.0019987	2.797987	1.169725	.0661583
#2	1.217680	1.779664	.0105156	.0020641	2.797316	1.197734	.0697669
#3	1.183390	1.794224	.0106001	.0024061	2.840244	1.185563	.0662701

Sample Name: M3245-07LX5 Acquired: 08/12/2021 14:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1936703	.0117740	.0133541
Stddev	.0014823	.0003157	.0002041
%RSD	.7653736	2.681125	1.527985

#1	.1932219	.0118211	.0135471
#2	.1924640	.0114374	.0133745
#3	.1953250	.0120635	.0131406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.781	30735.60	8707.371	878.0458	1936.943
Stddev	6.282	30.11	13.728	5.2114	9.685
%RSD	.4082311	.0979684	.1576618	.5935282	.4999892

#1	1538.243	30700.86	8717.479	875.0125	1942.430
#2	1545.314	30754.13	8712.891	884.0634	1942.637
#3	1532.785	30751.82	8691.742	875.0616	1925.761

Sample Name: M3245-10 Acquired: 08/12/2021 14:06:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463974	-.009655	.1042822	.0537446	-.001185	56.10180	.6507745
Stddev	.0038583	.002463	.0015256	.0046588	.002017	.10663	.0007835
%RSD	8.315848	25.50483	1.462965	8.668369	170.1919	.1900690	.1204011

#1	.0502724	-.011577	.1025481	.0488722	.000006	55.98166	.6510997
#2	.0425560	-.010509	.1054180	.0542060	-.000047	56.18521	.6498807
#3	.0463637	-.006879	.1048805	.0581554	-.003513	56.13854	.6513431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075560	.0016514	10.51080	.1401949	.0995208	.2128800	272.6825
Stddev	.0001749	.0001085	.02978	.0001475	.0007145	.0016995	.8251
%RSD	2.315119	6.569778	.2832814	.1052060	.7179632	.7983416	.3026013

#1	.0076377	.0015289	10.52705	.1401046	.0988443	.2129381	272.0297
#2	.0073551	.0017354	10.47644	.1403651	.1002681	.2145497	273.6100
#3	.0076751	.0016897	10.52892	.1401150	.0994501	.2111521	272.4080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.647716	16.55066	.1960920	.0112449	1.246075	.1598564	2.229835
Stddev	.014075	.09994	.0010511	.0002223	.087253	.0001386	.010461
%RSD	.1627618	.6038252	.5360400	1.976658	7.002251	.0866704	.4691248

#1	8.655216	16.44889	.1971234	.0112878	1.282761	.1598877	2.238639
#2	8.631479	16.64866	.1950222	.0114426	1.308996	.1599766	2.232595
#3	8.656454	16.55444	.1961304	.0110043	1.146469	.1597049	2.218271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.860742	6.013820	.0346703	.0096464	.6928167	5.024846	.0084729
Stddev	.045068	.044271	.0046426	.0003832	.0108219	.011026	.0017693
%RSD	.6568984	.7361524	13.39084	3.972466	1.562014	.2194206	20.88151

#1	6.911267	5.997383	.0358734	.0092878	.6853684	5.032260	.0065565
#2	6.846273	5.980119	.0385929	.0096012	.6878515	5.012176	.0100442
#3	6.824685	6.063959	.0295445	.0100502	.7052302	5.030101	.0088179

Sample Name: M3245-10 Acquired: 08/12/2021 14:06:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9627673	.0806801	-.181556
Stddev	.0048031	.0006624	.000766
%RSD	.4988858	.8210534	.4220554

#1	.9572652	.0803033	-.180996
#2	.9661225	.0802921	-.182429
#3	.9649143	.0814450	-.181242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.775	35116.28	9966.530	995.5808	1899.649
Stddev	.461	183.08	21.465	2.5863	3.345
%RSD	.0263849	.5213645	.2153686	.2597788	.1760635

#1	1747.435	35140.96	9969.475	992.6255	1897.840
#2	1748.300	34922.11	9986.369	997.4307	1903.509
#3	1747.591	35285.77	9943.744	996.6861	1897.599

Sample Name: M3245-11 Acquired: 08/12/2021 14:10:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292111	-.004182	1.814498	.1166594	.0059534	53.04372	1.322191
Stddev	.0057193	.006641	.003918	.0041983	.0024097	.05402	.001985
%RSD	19.57937	158.8159	.2159163	3.598736	40.47629	.1018333	.1501108

#1	.0303365	-.011295	1.818810	.1118159	.0083178	53.04548	1.319915
#2	.0342841	.001856	1.811158	.1189053	.0060418	52.98884	1.323101
#3	.0230127	-.003106	1.813525	.1192569	.0035008	53.09683	1.323558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115756	.1396351	27.65332	.5283426	.1647548	1.669770	627.5704
Stddev	.0001583	.0005861	.04951	.0027774	.0011017	.003704	.8952
%RSD	1.367225	.4197468	.1790364	.5256770	.6686615	.2218155	.1426425

#1	.0116702	.1398026	27.71039	.5261503	.1656110	1.673841	628.5436
#2	.0113929	.1389835	27.62193	.5314659	.1635119	1.668868	626.7822
#3	.0116638	.1401192	27.62763	.5274117	.1651415	1.666600	627.3854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.868522	10.34252	.3522335	.0272393	2.385073	.1449527	13.00250
Stddev	.014340	.09542	.0018987	.0002313	.085782	.0023595	.00964
%RSD	.2087821	.9226021	.5390488	.8491370	3.596635	1.627788	.0741733

#1	6.879099	10.45208	.3509221	.0272327	2.286882	.1468470	12.99282
#2	6.874268	10.27759	.3513675	.0270113	2.422880	.1457014	13.00255
#3	6.852200	10.29789	.3544108	.0274738	2.445458	.1423097	13.01211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.324660	9.912287	.0541942	.0464425	4.690655	4.877258	.1038390
Stddev	.059163	.053130	.0068975	.0017480	.012680	.029112	.0028406
%RSD	1.368033	.5360011	12.72728	3.763718	.2703173	.5968999	2.735612

#1	4.367582	9.909992	.0517887	.0444477	4.685091	4.903964	.1005663
#2	4.349226	9.860342	.0488217	.0471735	4.681708	4.881585	.1052858
#3	4.257172	9.966527	.0619723	.0477062	4.705165	4.846224	.1056650

Sample Name: M3245-11 Acquired: 08/12/2021 14:10:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8728330	.0484042	-.491054
Stddev	.0031499	.0018136	.000595
%RSD	.3608840	3.746769	.1212238

#1	.8760318	.0471378	-.491632
#2	.8727330	.0504818	-.490443
#3	.8697343	.0475929	-.491087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.780	32233.10	9103.539	905.1147	1880.626
Stddev	2.249	47.53	37.718	1.7048	4.005
%RSD	.1411073	.1474523	.4143232	.1883531	.2129431

#1	1595.991	32180.13	9075.830	903.9587	1880.592
#2	1593.855	32247.15	9088.294	904.3128	1884.647
#3	1591.495	32272.02	9146.494	907.0726	1876.638

Sample Name: M3245-12 Acquired: 08/12/2021 14:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457226	-.011602	.0722579	.0399315	.0011870	31.32775	.5979581
Stddev	.0017685	.002627	.0015003	.0014909	.0023231	.04125	.0021024
%RSD	3.867933	22.64533	2.076372	3.733647	195.7137	.1316823	.3516003

#1	.0449912	-.009358	.0713515	.0399009	-.000788	31.33545	.5973821
#2	.0477395	-.014492	.0739898	.0384562	.000603	31.36460	.6002884
#3	.0444372	-.010955	.0714325	.0414375	.003746	31.28318	.5962036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058897	-.000451	239.8992	.0845252	.0658711	.1463465	194.1030
Stddev	.0001091	.000259	.6950	.0005523	.0008740	.0004958	.3015
%RSD	1.852394	57.49580	.2896972	.6533940	1.326803	.3387749	.1553063

#1	.0059647	-.000731	239.4151	.0850193	.0663969	.1461032	194.1755
#2	.0057646	-.000218	240.6956	.0839290	.0648622	.1469170	194.3615
#3	.0059399	-.000405	239.5870	.0846273	.0663543	.1460195	193.7719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.384165	30.82486	.1215267	.0077500	.9453142	.1046413	.4462211
Stddev	.019391	.09410	.0011172	.0001709	.1798287	.0020898	.0034228
%RSD	.3601550	.3052746	.9192722	2.205409	19.02316	1.997154	.7670626

#1	5.372629	30.91086	.1213370	.0076197	1.135588	.1035607	.4493501
#2	5.406553	30.83938	.1227266	.0079435	.922185	.1033131	.4467477
#3	5.373314	30.72434	.1205166	.0076867	.778169	.1070502	.4425655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.801414	2.805024	.0134791	.0028987	1.458112	3.700193	.0040224
Stddev	.044129	.017092	.0022700	.0005980	.012137	.017611	.0032828
%RSD	1.160864	.6093513	16.84099	20.62946	.8323655	.4759555	81.61471

#1	3.778018	2.788602	.0111137	.0027953	1.466642	3.720226	.0003045
#2	3.852315	2.803754	.0136836	.0035417	1.463478	3.693202	.0052410
#3	3.773909	2.822716	.0156399	.0023592	1.444217	3.687151	.0065216

Sample Name: M3245-12 Acquired: 08/12/2021 14:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4965125	.0658994	.2267912
Stddev	.0025472	.0010552	.0008935
%RSD	.5130199	1.601231	.3939663

#1	.4994531	.0662084	.2270639
#2	.4949874	.0647242	.2275166
#3	.4950969	.0667656	.2257931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1550.888	31340.45	8943.509	880.4206	1828.966
Stddev	2.296	119.65	36.654	2.1951	2.468
%RSD	.1480217	.3817888	.4098373	.2493243	.1349322

#1	1549.659	31298.70	8915.715	882.6690	1831.593
#2	1553.537	31475.38	8929.763	878.2830	1826.696
#3	1549.469	31247.26	8985.049	880.3098	1828.608

Sample Name: CCV057 Acquired: 08/12/2021 14:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030800	4.940451	25.21048	5.183408	5.041193	402.7024	10.18595
Stddev	.028910	.046872	.02328	.040587	.014649	.4361	.01729
%RSD	.5746662	.9487482	.0923336	.7830085	.2905839	.1082949	.1697865

#1	4.997430	4.891625	25.20044	5.145527	5.025844	403.0997	10.19236
#2	5.048287	4.985089	25.19391	5.226245	5.055023	402.7718	10.19912
#3	5.046682	4.944638	25.23709	5.178451	5.042712	402.2358	10.16636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4925869	2.529901	402.1099	15.32737	2.561841	15.10243	404.4787
Stddev	.0017970	.002004	.9985	.01591	.002674	.02955	1.8132
%RSD	.3648157	.0792198	.2483200	.1037761	.1043631	.1956821	.4482885

#1	.4943906	2.527960	401.8507	15.32079	2.559309	15.08654	406.4841
#2	.4907966	2.531963	403.2125	15.34551	2.561577	15.13653	402.9547
#3	.4925736	2.529779	401.2666	15.31581	2.564637	15.08423	403.9975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85621	396.2434	2.538642	1.317984	400.3071	2.509667	15.51211
Stddev	.06531	1.4337	.006288	.001520	1.3816	.008977	.09016
%RSD	.4396132	.3618128	.2476825	.1153498	.3451280	.3576855	.5812330

#1	14.80579	397.7246	2.532023	1.317027	401.9019	2.519058	15.61479
#2	14.92999	394.8626	2.539367	1.317188	399.5444	2.501172	15.44590
#3	14.83284	396.1431	2.544536	1.319737	399.4750	2.508772	15.47564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.1416	5.360940	4.879288	5.039420	5.409442	4.853747	5.095613
Stddev	.3524	.048919	.028403	.020544	.022885	.011499	.024023
%RSD	.2316375	.9125085	.5821153	.4076669	.4230632	.2369128	.4714368

#1	152.4744	5.320843	4.908977	5.015710	5.403477	4.864246	5.075074
#2	152.1780	5.415444	4.852375	5.050619	5.434719	4.841458	5.122029
#3	151.7724	5.346532	4.876513	5.051931	5.390130	4.855536	5.089735

Sample Name: CCV057 Acquired: 08/12/2021 14:18:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.031384	5.198593	4.923939
Stddev	.018162	.007293	.025979
%RSD	.3609695	.1402799	.5276158

#1	5.051659	5.204475	4.895342
#2	5.025886	5.200871	4.930386
#3	5.016606	5.190434	4.946087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1283.875	27192.13	7948.294	719.0612	1563.385
Stddev	7.134	79.80	23.960	3.2271	6.182
%RSD	.5556728	.2934658	.3014440	.4487872	.3954505

#1	1289.401	27100.39	7921.461	715.6036	1566.781
#2	1275.821	27230.49	7955.878	719.5870	1556.249
#3	1286.403	27245.50	7967.545	721.9931	1567.125

Sample Name: CCB057 Acquired: 08/12/2021 14:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006636	-.005004	.0011774	.0064489	-.003304	.0014794	-.004365
Stddev	.006375	.001842	.0011886	.0007026	.003030	.0025875	.000569
%RSD	96.05972	36.81663	100.9501	10.89552	91.72548	174.9072	13.03619

#1	-.000975	-.003487	.0024818	.0058552	-.006789	-.000479	-.004931
#2	-.005393	-.007054	.0008945	.0072247	-.001289	.000504	-.004371
#3	-.013541	-.004471	.0001558	.0062670	-.001834	.004413	-.003793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000832	.0000080	.0035346	.0000345	.0000812	.0024956	.0065955
Stddev	.0000112	.0001320	.0015687	.0005105	.0004806	.0004956	.0046348
%RSD	13.46380	1638.898	44.38134	1477.977	591.6794	19.85771	70.27231

#1	.0000713	.0000479	.0039241	.0001647	.0000283	.0020269	.0089786
#2	.0000847	.0001155	.0018078	.0004674	-.000371	.0024457	.0012540
#3	.0000935	-.000139	.0048718	-.000528	.000586	.0030142	.0095540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005702	.0112577	.0007067	.0003661	-.126296	.0001964	-.000893
Stddev	.0001373	.0169342	.0003291	.0002531	.246094	.0008392	.001337
%RSD	24.07655	150.4236	46.56401	69.12512	194.8560	427.3784	149.8183

#1	.0007223	.0103124	.0003935	.0006577	.042628	.0010970	-.002204
#2	.0005328	.0286448	.0006770	.0002034	-.012865	-.000564	.000470
#3	.0004554	-.005184	.0010496	.0002373	-.408649	.000056	-.000945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0653391	-.008553	.0096130	.0011860	-.002162	-.003277	-.003755
Stddev	.0138369	.004708	.0006596	.0004198	.003437	.001322	.001676
%RSD	21.17706	55.04805	6.861621	35.40068	158.9852	40.34351	44.63132

#1	.0499824	-.007634	.0099138	.0014102	-.003648	-.002568	-.003325
#2	.0768371	-.004372	.0100687	.0014460	.001768	-.002460	-.005604
#3	.0691978	-.013652	.0088567	.0007016	-.004607	-.004802	-.002336

Sample Name: CCB057 Acquired: 08/12/2021 14:22:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007971	.0006679	-.000033
Stddev	.0008745	.0003956	.000055
%RSD	109.7084	59.23234	166.5757

#1	.0014351	.0010670	-.000017
#2	-.000200	.0002759	-.000094
#3	.001156	.0006607	.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1487.496	29537.09	8402.045	846.4845	1912.549
Stddev	2.503	16.99	8.641	3.3149	.599
%RSD	.1682521	.0575063	.1028406	.3916055	.0313267

#1	1487.899	29556.33	8398.859	850.1469	1913.238
#2	1489.773	29530.76	8411.827	843.6897	1912.149
#3	1484.817	29524.18	8395.450	845.6168	1912.261

Sample Name: M3245-13 Acquired: 08/12/2021 14:26:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475537	-.008951	.8438321	.0474240	.0083015	67.86562	1.312777
Stddev	.0053139	.005019	.0001411	.0026191	.0032779	.30156	.002890
%RSD	11.17456	56.07135	.0167184	5.522758	39.48599	.4443478	.2201247

#1	.0461283	-.011308	.8439012	.0501155	.0067669	68.20782	1.315950
#2	.0534350	-.003187	.8439253	.0472726	.0060724	67.63871	1.310296
#3	.0430979	-.012357	.8436698	.0448838	.0120653	67.75033	1.312085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100070	.0465743	54.96772	.1806853	.0960270	1.960820	215.7237
Stddev	.0001417	.0003088	.11848	.0006401	.0005834	.011400	1.2062
%RSD	1.415896	.6629779	.2155398	.3542740	.6075210	.5813749	.5591596

#1	.0098458	.0466539	55.08257	.1802087	.0966253	1.968635	217.1036
#2	.0101118	.0462335	54.84592	.1804342	.0954598	1.947739	215.1976
#3	.0100633	.0468355	54.97468	.1814129	.0959958	1.966086	214.8698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.214136	13.72986	.1692043	.0120409	.9139709	.1500690	5.197262
Stddev	.021410	.08802	.0007512	.0002367	.0374890	.0034736	.030328
%RSD	.2606527	.6410509	.4439929	1.965425	4.101774	2.314644	.5835359

#1	8.220081	13.83033	.1689107	.0119668	.9536672	.1516849	5.212247
#2	8.190381	13.66634	.1686441	.0118501	.8791702	.1460818	5.162359
#3	8.231944	13.69291	.1700580	.0123057	.9090752	.1524402	5.217180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.568821	7.873691	.0459341	.0155110	4.153892	7.504821	.0519919
Stddev	.033069	.027649	.0042774	.0000729	.039317	.031872	.0013691
%RSD	.7238061	.3511530	9.312002	.4702694	.9465134	.4246908	2.633258

#1	4.531178	7.846207	.0507667	.0154403	4.112894	7.533006	.0535455
#2	4.593196	7.901502	.0444013	.0155068	4.157501	7.511223	.0509619
#3	4.582088	7.873365	.0426343	.0155860	4.191280	7.470234	.0514684

Sample Name: M3245-13 Acquired: 08/12/2021 14:26:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9540229	.0669924	-.045224
Stddev	.0052378	.0005846	.000921
%RSD	.5490225	.8726842	2.035938

#1	.9598060	.0675011	-.046241
#2	.9495980	.0663537	-.044982
#3	.9526646	.0671225	-.044448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.850	34033.81	9804.169	958.1100	1877.716
Stddev	3.556	68.70	65.734	6.3018	2.191
%RSD	.2123214	.2018642	.6704730	.6577363	.1166600

#1	1675.993	33964.95	9729.179	953.8516	1877.096
#2	1677.695	34102.35	9851.832	965.3493	1880.149
#3	1670.863	34034.11	9831.496	955.1292	1875.901

Sample Name: M3245-14 Acquired: 08/12/2021 14:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531319	-.013517	.7860504	.0543706	.0005989	83.14861	1.310828
Stddev	.0000960	.003676	.0048117	.0071816	.0015932	.06984	.001667
%RSD	.1807329	27.19136	.6121356	13.20856	266.0204	.0839995	.1271506

#1	.0530588	-.009283	.7820358	.0482554	.0012672	83.07435	1.310054
#2	.0532406	-.015389	.7847315	.0622787	.0017491	83.21299	1.312741
#3	.0530961	-.015881	.7913841	.0525776	-.001220	83.15847	1.309689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101220	.0113185	19.54428	.1158418	.1178620	.7340064	246.0027
Stddev	.0000613	.0002168	.08940	.0004322	.0002685	.0017164	.3602
%RSD	.6055356	1.915684	.4574170	.3731182	.2278307	.2338424	.1464271

#1	.0101676	.0113330	19.54709	.1154153	.1180916	.7334838	245.6036
#2	.0101462	.0110948	19.63224	.1158306	.1179276	.7359233	246.1008
#3	.0100523	.0115277	19.45351	.1162796	.1175667	.7326120	246.3037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79128	16.65787	.2188458	.0105025	1.068536	.1790507	4.472813
Stddev	.02736	.06275	.0005476	.0005000	.135697	.0013719	.012010
%RSD	.2535035	.3766899	.2502356	4.760533	12.69933	.7662044	.2685129

#1	10.76758	16.58720	.2184977	.0101827	1.009330	.1779311	4.467748
#2	10.82121	16.67935	.2194771	.0102461	1.223776	.1786398	4.464165
#3	10.78504	16.70706	.2185627	.0110786	.972502	.1805810	4.486526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.410093	9.558402	.0461814	.0089614	2.979678	7.293249	.0458288
Stddev	.018468	.035838	.0010798	.0006937	.012074	.019471	.0018923
%RSD	.4187761	.3749399	2.338234	7.740942	.4052119	.2669705	4.128957

#1	4.388957	9.598590	.0461125	.0083766	2.980497	7.301365	.0479193
#2	4.418203	9.546855	.0472940	.0087799	2.967216	7.307349	.0453341
#3	4.423119	9.529760	.0451377	.0097279	2.991322	7.271033	.0442331

Sample Name: M3245-14 Acquired: 08/12/2021 14:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.175699	.0690348	-.066904
Stddev	.003190	.0006009	.000597
%RSD	.2713199	.8704941	.8920030

#1	1.172016	.0690614	-.066502
#2	1.177580	.0684209	-.066621
#3	1.177502	.0696219	-.067590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.589	36177.89	10406.98	1021.740	1869.648
Stddev	2.003	73.07	26.56	3.548	.835
%RSD	.1113397	.2019646	.2552388	.3472821	.0446507

#1	1798.436	36095.91	10386.29	1018.473	1870.554
#2	1800.663	36236.15	10397.72	1025.515	1868.909
#3	1796.667	36201.61	10436.94	1021.232	1869.481

Sample Name: M3187-17DLX2 Acquired: 08/12/2021 14:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293514	-.007541	1.902639	.0242956	-.002910	35.24248	13.86859
Stddev	.0023898	.002239	.007188	.0044540	.003426	.06850	.06054
%RSD	8.142060	29.69435	.3777844	18.33270	117.7122	.1943606	.4365366

#1	.0267927	-.005321	1.910612	.0222447	-.005292	35.23927	13.83307
#2	.0297357	-.009799	1.900652	.0212364	.001016	35.17565	13.83421
#3	.0315258	-.007503	1.896654	.0294056	-.004455	35.31253	13.93850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038799	.0116585	64.76060	.0917719	.0571542	.0989125	87.39895
Stddev	.0000144	.0001784	.23557	.0007938	.0007482	.0032118	.17626
%RSD	.3705298	1.530448	.3637604	.8649498	1.309052	3.247101	.2016749

#1	.0038649	.0116626	64.74534	.0926417	.0578997	.1025666	87.45205
#2	.0038936	.0114780	64.53303	.0915871	.0571597	.0965364	87.20225
#3	.0038810	.0118348	65.00344	.0910867	.0564033	.0976345	87.54256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.550280	25.16399	.0612591	.0039544	.3013507	.1563492	1.150362
Stddev	.016195	.07287	.0004273	.0002260	.0789632	.0018410	.003877
%RSD	.2917783	.2895688	.6976008	5.714379	26.20309	1.177510	.3370517

#1	5.541185	25.09076	.0617380	.0037905	.3254476	.1555678	1.153810
#2	5.540678	25.23649	.0609166	.0042122	.2131465	.1584520	1.151110
#3	5.568978	25.16472	.0611228	.0038606	.3654578	.1550276	1.146165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991232	2.283633	.0205017	.0042569	5.761698	2.324606	.0005119
Stddev	.020432	.022216	.0000614	.0005900	.021915	.004638	.0010560
%RSD	.6830735	.9728347	.2995402	13.85934	.3803491	.1995164	206.3061

#1	2.983958	2.300990	.0204308	.0037707	5.771686	2.321301	-.000697
#2	2.975432	2.291312	.0205359	.0049132	5.776840	2.322611	.000975
#3	3.014306	2.258596	.0205383	.0040868	5.736569	2.329908	.001257

Sample Name: M3187-17DLX2 Acquired: 08/12/2021 14:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5S1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5423744	.0207981	.0660224
Stddev	.0015609	.0006363	.0004280
%RSD	.2877847	3.059479	.6483266

#1	.5424505	.0212498	.0659427
#2	.5407769	.0200704	.0656398
#3	.5438959	.0210741	.0664847

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1531.399	30435.38	8811.774	866.6312	1891.652
Stddev	.594	113.74	45.019	2.2740	3.642
%RSD	.0387794	.3736990	.5108914	.2624009	.1925162

#1	1531.734	30324.94	8786.122	864.0133	1888.408
#2	1531.749	30552.15	8863.755	868.1178	1890.956
#3	1530.713	30429.05	8785.444	867.7624	1895.591

Sample Name: M3189-12DLX2 Acquired: 08/12/2021 14:39:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	.0258332	-.007492	2.095382	.0111352	-.000192	8.811315	18.47790
Stddev	.0087369	.003690	.005759	.0049468	.001612	.040962	.07709
%RSD	33.82024	49.26106	.2748488	44.42510	839.9227	.4648768	.4171927

#1	.0163285	-.007576	2.101442	.0148381	-.000294	8.793981	18.41171
#2	.0276567	-.003760	2.089980	.0055171	-.001750	8.858094	18.56254
#3	.0335144	-.011139	2.094726	.0130504	.001468	8.781870	18.45944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014428	.0151986	553.0142	.0397190	.0095645	.0644284	31.15627
Stddev	.0000595	.0001965	.7613	.0005722	.0000781	.0014724	.09612
%RSD	4.122781	1.292865	.1376688	1.440741	.8165287	2.285363	.3085221

#1	.0015114	.0149750	552.3932	.0395119	.0096484	.0643838	31.19834
#2	.0014123	.0152770	553.8636	.0403659	.0095515	.0629787	31.22418
#3	.0014048	.0153439	552.7860	.0392791	.0094938	.0659226	31.04628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191204	286.8156	.0237341	.0009789	.8043257	.0702307	2.535512
Stddev	.003146	1.0063	.0006137	.0003852	.1169600	.0037309	.009952
%RSD	.2641134	.3508475	2.585713	39.34774	14.54137	5.312412	.3925079

#1	1.187619	286.7237	.0233595	.0014002	.8666831	.0675995	2.531414
#2	1.192488	287.8647	.0244424	.0006447	.6694007	.0685921	2.546859
#3	1.193505	285.8584	.0234005	.0008919	.8768935	.0745006	2.528264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7686192	1.094934	.0188833	.0046406	6.725656	3.026184	.0126708
Stddev	.0325808	.002541	.0004622	.0005834	.044921	.017155	.0010039
%RSD	4.238875	.2320572	2.447777	12.57093	.6679035	.5668857	7.922614

#1	.8062141	1.092017	.0183496	.0053021	6.679362	3.006839	.0125065
#2	.7486076	1.096114	.0191449	.0042000	6.769065	3.032168	.0137466
#3	.7510358	1.096669	.0191555	.0044196	6.728541	3.039546	.0117592

Sample Name: M3189-12DLX2 Acquired: 08/12/2021 14:39:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) 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	.1526127	.0177818	.3379005
Stddev	.0011920	.0006388	.0008814
%RSD	.7810526	3.592303	.2608407

#1	.1517518	.0171871	.3374377
#2	.1539732	.0184570	.3389169
#3	.1521132	.0177014	.3373470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.636	28273.06	8199.695	780.1250	1678.171
Stddev	2.294	20.24	16.960	3.4513	1.765
%RSD	.1671113	.0715865	.2068351	.4424079	.1051789

#1	1374.141	28289.99	8209.425	783.1051	1679.773
#2	1373.772	28278.53	8180.111	776.3434	1676.279
#3	1369.996	28250.64	8209.547	780.9266	1678.461

Sample Name: M3189-13 Acquired: 08/12/2021 14:47:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.055554	.0068652	.6796662	.1137165	.1864240	111.5965
Stddev	.007674	.0038725	.0019325	.0026909	.0005677	.1175
%RSD	.7269671	56.40792	.2843310	2.366331	.3045277	.1052613

#1	1.051434	.0092242	.6796981	.1166770	.1862257	111.5958
#2	1.064408	.0089756	.6815825	.1114193	.1870643	111.4793
#3	1.050820	.0023959	.6777179	.1130531	.1859820	111.7142

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.369837	.0402777	.0193276	194.7362	.0752748	1.033583
Stddev	.003286	.0004712	.0003936	.3231	.0009819	.002468
%RSD	.0975220	1.170008	2.036500	.1659042	1.304351	.2388004

#1	3.367442	.0406631	.0189390	194.3918	.0760674	1.030849
#2	3.373584	.0397523	.0197260	194.7843	.0741764	1.035648
#3	3.368486	.0404177	.0193177	195.0326	.0755805	1.034250

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.50143	540.5257	27.91964	108.9879	1.678631	.0291899
Stddev	.02500	2.7368	.05148	.6295	.004282	.0003101
%RSD	.0617339	.5063231	.1844037	.5775543	.2551152	1.062507

#1	40.53028	542.7618	27.86223	109.5893	1.674346	.0293501
#2	40.48623	537.4738	27.96172	108.3337	1.682911	.0288324
#3	40.48777	541.3416	27.93496	109.0406	1.678637	.0293871

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.318142	.1109302	.7343737	13.61359	8.006745	-.022754
Stddev	.101901	.0020029	.0047466	.05988	.021870	.004163
%RSD	3.071023	1.805512	.6463396	.4398726	.2731395	18.29505

#1	3.302416	.1117717	.7288977	13.67363	8.018180	-.020918
#2	3.225017	.1123750	.7373114	13.55387	7.981529	-.019825
#3	3.426991	.1086439	.7369120	13.61326	8.020527	-.027519

Sample Name: M3189-13 Acquired: 08/12/2021 14:47:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB5X3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0378577	27.36673	4.145350	.0226824	.1941187	.0717189
Stddev	.0007421	.10763	.044263	.0031723	.0004627	.0002499
%RSD	1.960210	.3932903	1.067781	13.98554	.2383572	.3483900
#1	.0386628	27.38798	4.162572	.0220340	.1938454	.0716852
#2	.0377093	27.25006	4.095064	.0261288	.1946529	.0714876
#3	.0372010	27.46215	4.178413	.0198845	.1938578	.0719839

Elem	Sr4077
Units	ppm
Avg	.0852241
Stddev	.0018510
%RSD	2.171951
#1	.0838984
#2	.0873389
#3	.0844351

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.258	47578.13	13946.08	1285.283	1700.966
Stddev	2.420	66.58	59.50	2.957	1.899
%RSD	.1073745	.1399429	.4266255	.2300564	.1116334
#1	2255.069	47503.66	13899.60	1286.978	1699.867
#2	2256.169	47598.79	14013.13	1281.869	1703.158
#3	2251.536	47631.93	13925.52	1287.002	1699.872

Sample Name: CCV058 Acquired: 08/12/2021 15:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136318	4.896235	25.45407	F 5.514737	5.130035	402.6015
Stddev	.013454	.015640	.04099	.007239	.006263	2.4057
%RSD	.2619327	.3194273	.1610200	.1312634	.1220773	.5975414

#1	5.150919	4.914277	25.45362	5.519004	5.124620	405.3712
#2	5.124423	4.886528	25.49528	5.506379	5.136894	401.4007
#3	5.133611	4.887900	25.41331	5.518829	5.128592	401.0326

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.43986	.4793529	2.576864	399.8560	15.28525	2.605317
Stddev	.06218	.0035269	.007020	.4230	.00679	.002389
%RSD	.5955930	.7357578	.2724281	.1057978	.0444187	.0916789

#1	10.50861	.4834073	2.568759	400.2507	15.29190	2.602772
#2	10.42343	.4776580	2.581042	399.4094	15.28552	2.607509
#3	10.38755	.4769935	2.580792	399.9078	15.27833	2.605671

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05053	398.0900	14.91241	385.2530	2.580881	1.344525
Stddev	.01564	1.5371	.02336	1.3347	.004871	.001682
%RSD	.1039474	.3861100	.1566787	.3464409	.1887494	.1250797

#1	15.06174	399.8397	14.90675	386.7874	2.581732	1.343414
#2	15.03266	396.9569	14.89239	384.3612	2.585270	1.346460
#3	15.05719	397.4736	14.93808	384.6103	2.575639	1.343701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.5566	2.500104	15.96653	149.4567	5.369321	4.797152
Stddev	.8187	.004512	.03298	.3466	.035750	.027535
%RSD	.2059275	.1804772	.2065602	.2318872	.6658239	.5739804

#1	398.4991	2.504926	15.93406	149.8566	5.384152	4.828934
#2	397.1487	2.495985	15.96553	149.2696	5.328542	4.781994
#3	397.0220	2.499400	15.99999	149.2438	5.395269	4.780526

Sample Name: CCV058 Acquired: 08/12/2021 15:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.153936	F 5.614519	4.712807	5.127125	5.019516	5.314259
Stddev	.010339	.010147	.039667	.014573	.002490	.003337
%RSD	.2006113	.1807311	.8416941	.2842257	.0496100	.0627996
#1	5.165778	5.614145	4.758109	5.118580	5.022313	5.318082
#2	5.149332	5.624848	4.684301	5.143951	5.018695	5.312765
#3	5.146698	5.604564	4.696010	5.118844	5.017540	5.311929

Elem	Sr4077
Units	ppm
Avg	5.086160
Stddev	.028269
%RSD	.5557929
#1	5.110328
#2	5.093077
#3	5.055075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.815	26458.98	7993.953	685.2171	1507.930
Stddev	3.005	63.59	54.328	.9900	1.859
%RSD	.2451832	.2403408	.6796152	.1444844	.1232835
#1	1222.419	26527.90	7931.709	684.4666	1506.830
#2	1226.894	26402.58	8031.840	684.8456	1506.882
#3	1228.132	26446.46	8018.310	686.3392	1510.076

Sample Name: CCB058 Acquired: 08/12/2021 15:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004055	-.006367	.0016751	.0068200	-.001868	-.002907
Stddev	.002869	.006123	.0029691	.0028339	.001847	.001933
%RSD	70.75847	96.15850	177.2437	41.55337	98.87623	66.49497

#1	-.001802	-.005311	-.001416	.0071576	-.002451	-.002017
#2	-.007285	-.000841	.001936	.0038324	.000200	-.005125
#3	-.003078	-.012949	.004505	.0094700	-.003353	-.001580

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006293	.0000732	.0000719	-.014259	.0003077	.0002406
Stddev	.000719	.0000900	.0000364	.005244	.0002923	.0004637
%RSD	11.42228	123.0427	50.65300	36.77751	95.00254	192.6703

#1	-.006674	-.000014	.0001135	-.008456	.0004900	.0005110
#2	-.005464	.000166	.0000567	-.018658	-.000029	-.000295
#3	-.006741	.000068	.0000455	-.015664	.000462	.000506

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025591	.0108270	.0004841	.0038358	-.000187	.0001623
Stddev	.0010750	.0077715	.0001041	.0062603	.000143	.0001740
%RSD	42.00445	71.77899	21.50313	163.2067	76.53931	107.2379

#1	.0037966	.0018754	.0003649	-.000313	-.000027	.0000147
#2	.0020247	.0147563	.0005570	.011037	-.000232	.0001180
#3	.0018561	.0158492	.0005305	.000783	-.000303	.0003542

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011800	.0022141	-.000827	.1531190	-.008107	F .0110261
Stddev	.168373	.0016138	.000759	.0478868	.003143	.0005710
%RSD	1426.848	72.88512	91.85789	31.27424	38.76974	5.178362

#1	.141398	.0040713	-.000256	.0984078	-.004517	.0116712
#2	.015269	.0011533	-.001688	.1735350	-.010365	.0108213
#3	-.192068	.0014179	-.000535	.1874142	-.009439	.0105858

Sample Name: CCB058 Acquired: 08/12/2021 15:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1544) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019244	-.005006	-.003318	-.002933	.0003846	-.000360
Stddev	.0011120	.001051	.000214	.002387	.0003722	.001702
%RSD	57.78409	20.98418	6.461945	81.41227	96.76067	472.3581

#1	.0031239	-.006203	-.003123	-.005546	-.000006	-.001614
#2	.0009279	-.004580	-.003283	-.000867	.000424	.001577
#3	.0017213	-.004236	-.003547	-.002384	.000735	-.001044

Elem	Sr4077
Units	ppm
Avg	-.000044
Stddev	.000046
%RSD	104.3078

#1	.000009
#2	-.000070
#3	-.000072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.714	28906.52	8468.308	814.0730	1852.335
Stddev	8.738	125.60	16.220	8.4291	8.430
%RSD	.6073147	.4345165	.1915378	1.035428	.4551199

#1	1444.137	28866.15	8469.614	814.7364	1853.674
#2	1443.372	28806.06	8483.836	805.3318	1860.016
#3	1428.635	29047.34	8451.475	822.1509	1843.316