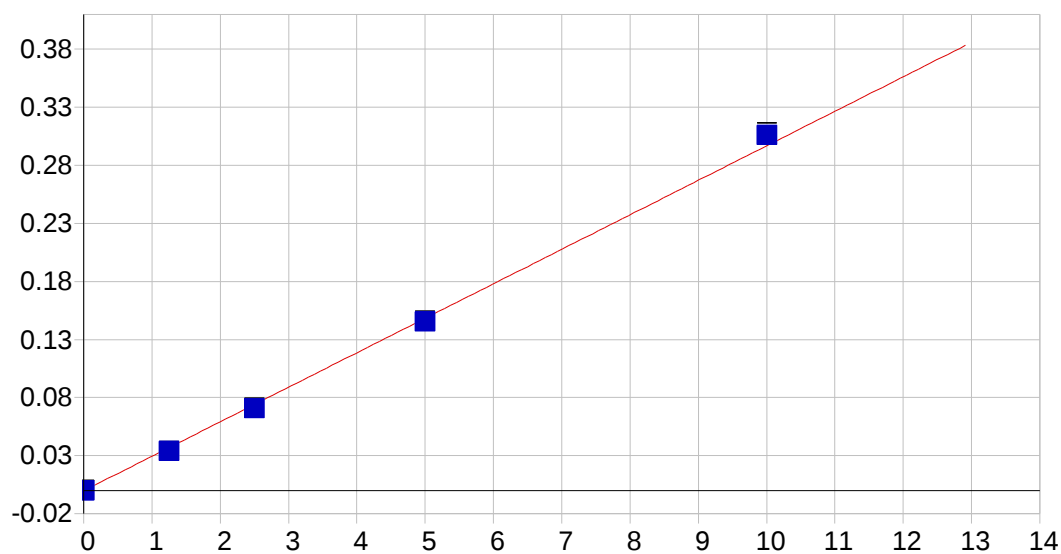


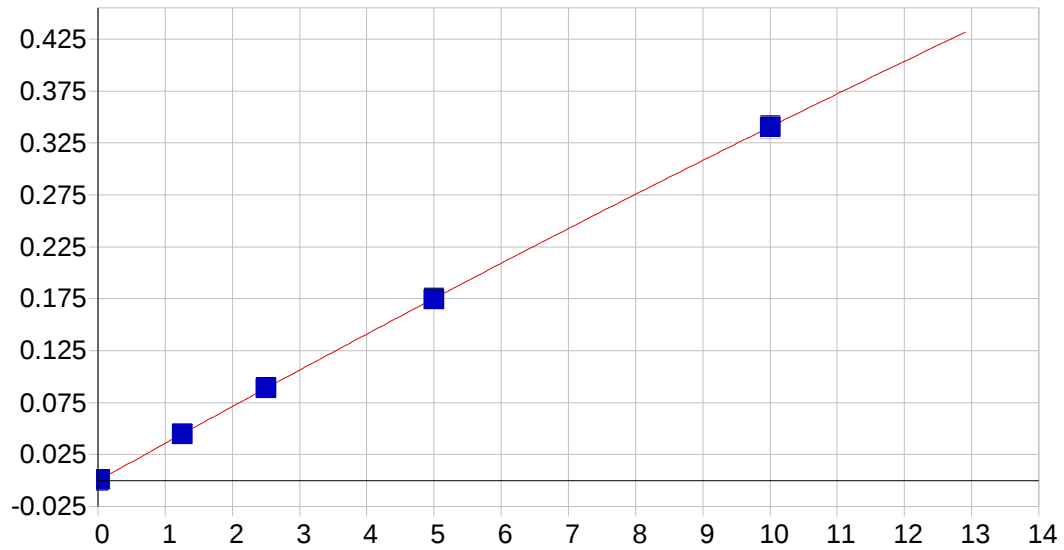


As 189.042 {479}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.029713 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999372 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.004358
 Predicted MQL: 0.014528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.00973	.000	-2.68	.00003	.000	1
S2	1.2500	1.1563	-.094	-7.50	.03418	.000	1
S3	2.5000	2.3866	-.113	-4.54	.07083	.000	1
S4	5.0000	4.8993	-.101	-2.01	.14566	.001	1
S5	10.000	10.308	.308	3.08	.30672	.002	1

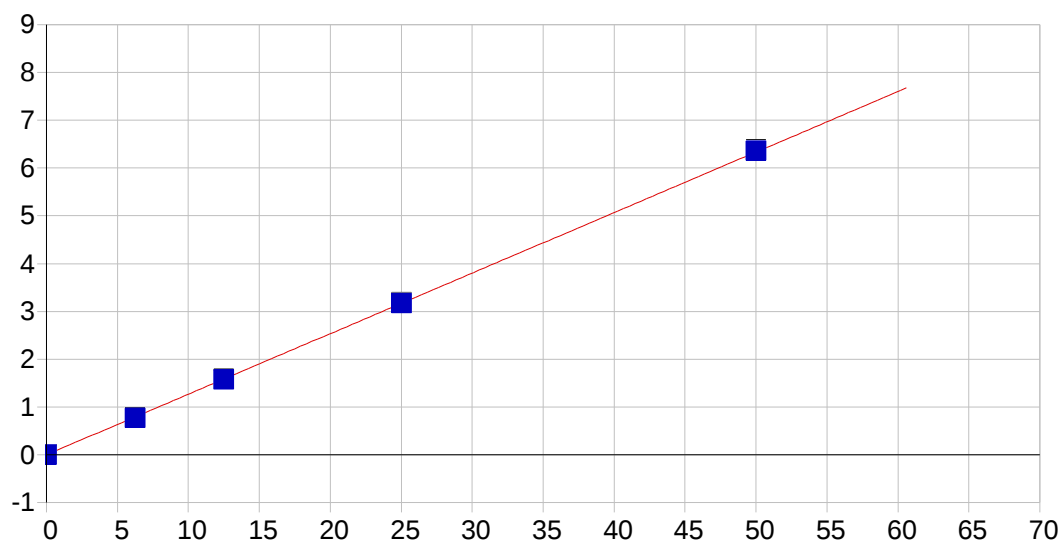


TI 190.856 {477}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000198 Re-Slope: 1.000000
 A1 (Gain): 0.036122 Y-int: 0.000000
 A2 (Curvature): -0.000207
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.002602
 Predicted MQL: 0.008674

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02500	.02670	.002	6.78	.00075	.000	1
S2	1.2500	1.2488	-.001	-.094	.04432	.000	1
S3	2.5000	2.5077	.008	.309	.08854	.001	1
S4	5.0000	4.9866	-.013	-.267	.17370	.001	1
S5	10.000	10.005	.005	.051	.33835	.001	1

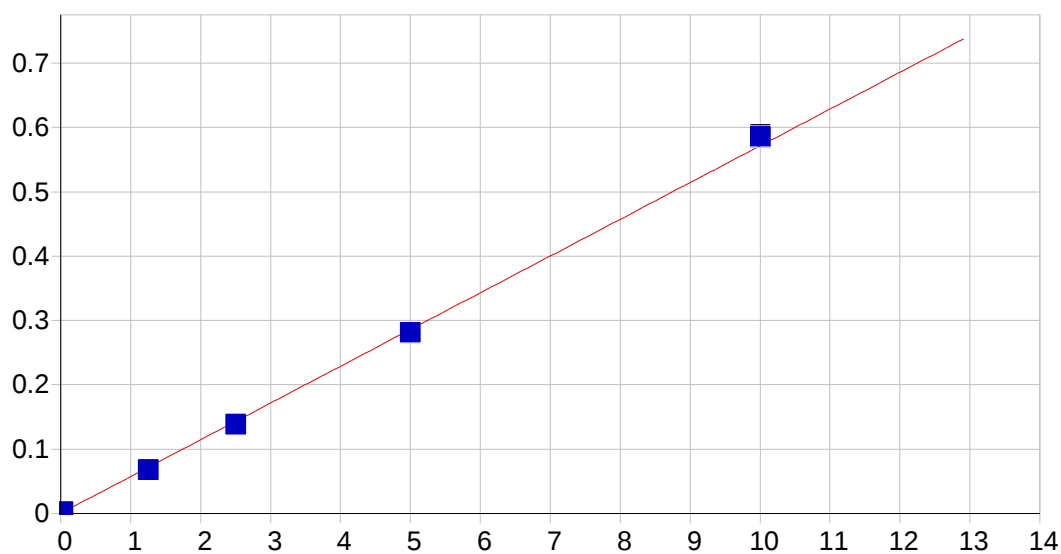


Pb 220.353 {453}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.126686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001843
 Predicted MQL: 0.006145

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01066	.001	6.61	.00129	.000	1
S2	6.2500	6.0935	-.157	-2.50	.77313	.002	1
S3	12.500	12.412	-.088	-.702	1.5749	.007	1
S4	25.000	25.013	.013	.051	3.1736	.014	1
S5	50.000	50.231	.231	.462	6.3734	.014	1



Date of Fit: 6/25/2018 17:47:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000379

Re-Slope: 1.000000

A1 (Gain): 0.057105

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999594

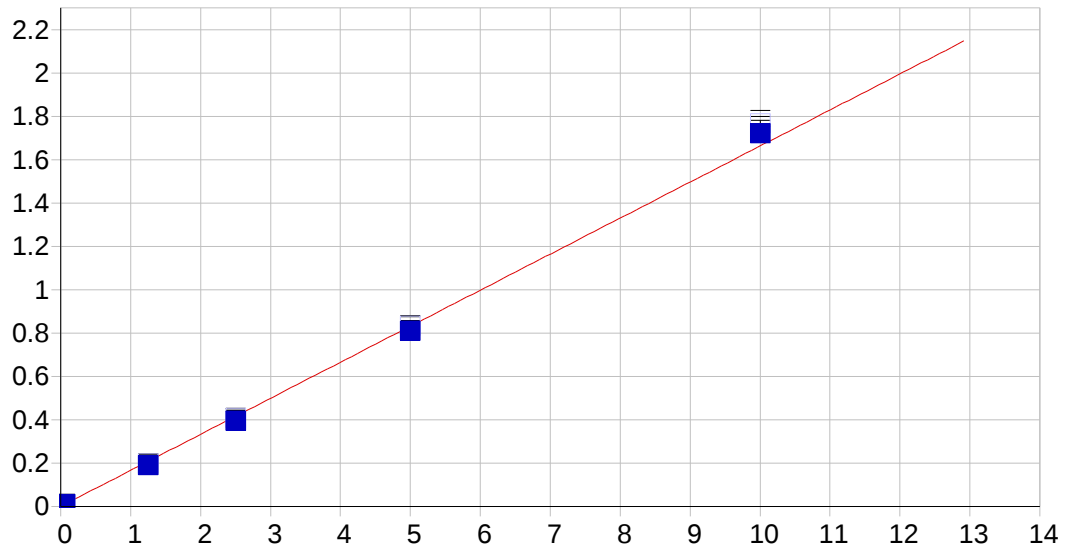
Status: OK.

Std Error of Est: 0.000051

Predicted MDL: 0.003467

Predicted MQL: 0.011558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00038	.000	1
S1	.03500	.03157	-.003	-9.81	.00218	.000	1
S2	1.2500	1.1747	-.075	-6.02	.06713	.001	1
S3	2.5000	2.4182	-.082	-3.27	.13780	.001	1
S4	5.0000	4.9137	-.086	-1.73	.27963	.000	1
S5	10.000	10.247	.247	2.47	.58285	.004	1

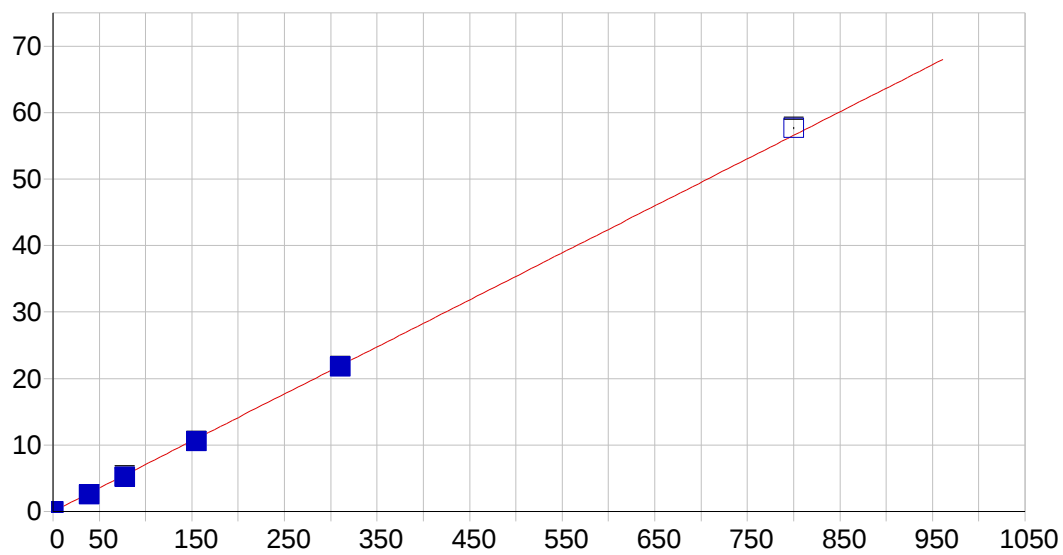


Sb 206.833 {463}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000457 Re-Slope: 1.000000
 A1 (Gain): 0.166223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999224 Status: OK.
 Std Error of Est: 0.000277
 Predicted MDL: 0.001552
 Predicted MQL: 0.005173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00046	.000	1
S1	.06000	.06099	.001	1.65	.01059	.000	1
S2	1.2500	1.1454	-.105	-8.37	.19651	.001	1
S3	2.5000	2.3747	-.125	-5.01	.40651	.002	1
S4	5.0000	4.8740	-.126	-2.52	.83326	.002	1
S5	10.000	10.355	.355	3.55	1.7670	.014	1

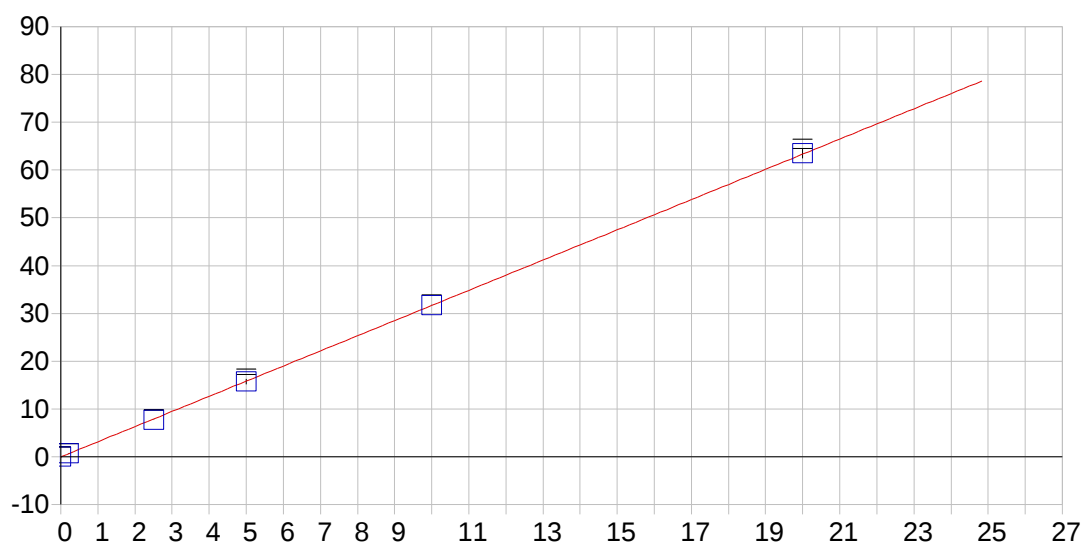


AI 396.152 { 85}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000377	Re-Slope: 1.000000
A1 (Gain):	0.070720	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999662	Status: OK.
Std Error of Est:	0.001144	
Predicted MDL:	0.009245	
Predicted MQL:	0.030816	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00038	.000	1
S1	.20000	.21984	.020	9.92	.01594	.000	1
S2	38.750	36.098	-2.65	-6.84	2.5558	.013	1
S3	77.500	73.226	-4.27	-5.51	5.1840	.177	1
S4	155.00	149.30	-5.70	-3.68	10.569	.019	1
S5	310.00	307.48	-2.52	-.811	21.766	.075	1
S6	800.00	815.13	15.1	1.89	57.646	.158	1

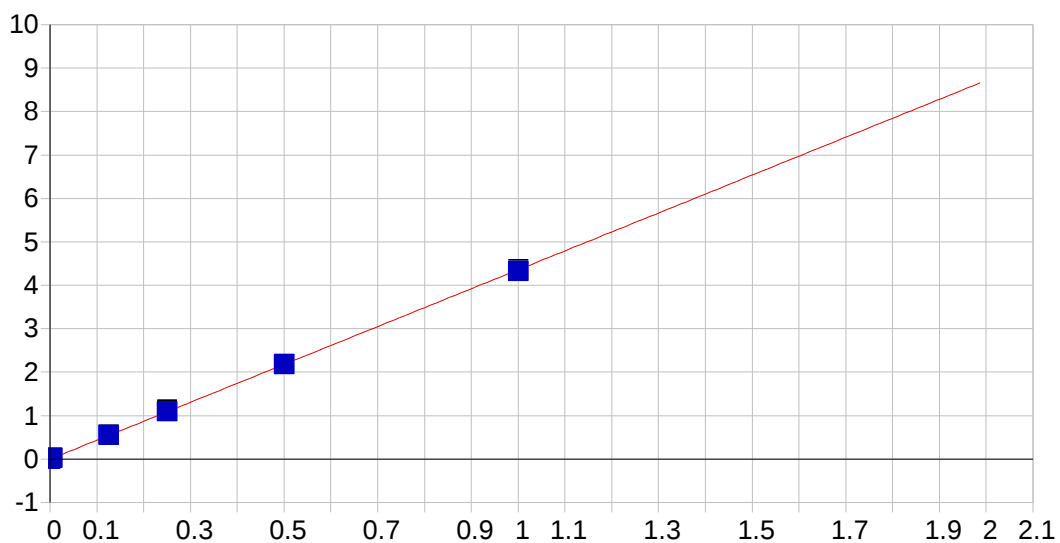


Ba 493.409 { 68}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.023531 Re-Slope: 1.000000
 A1 (Gain): 3.167240 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.003156
 Predicted MDL: 0.000681
 Predicted MQL: 0.002269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.02358	.001	1
S1	.20000	.21914	.019	9.57	.67055	.002	1
S2	2.5000	2.4430	-.057	-2.28	7.7140	.037	1
S3	5.0000	4.9815	-.019	-.371	15.754	.569	1
S4	10.000	10.024	.024	.243	31.726	.045	1
S5	20.000	20.032	.032	.160	63.423	1.03	1

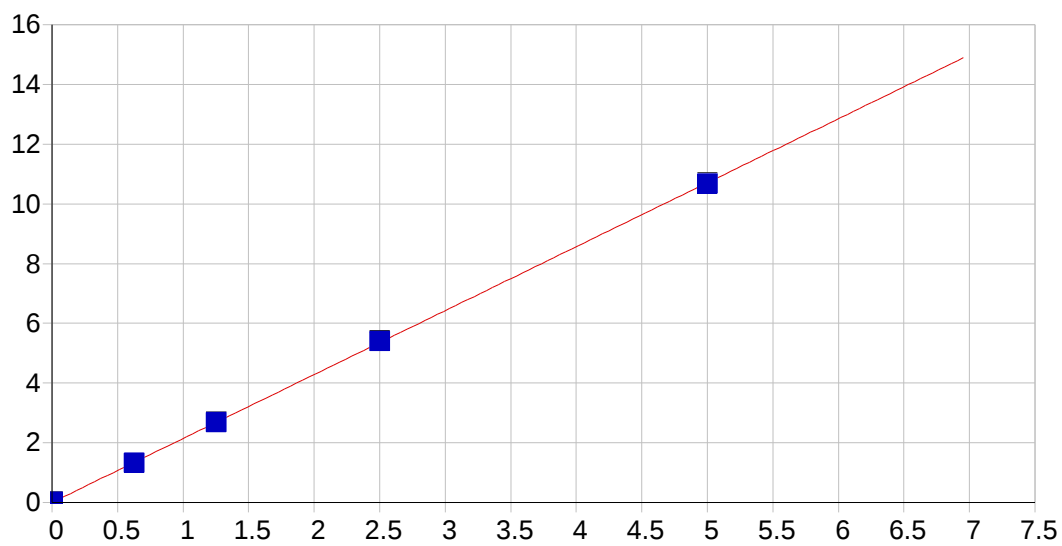


Be 234.861 {144}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001691 Re-Slope: 1.000000
 A1 (Gain): 4.359287 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.000075
 Predicted MQL: 0.000249

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00169	.000	1
S1	.00500	.00566	.001	13.3	.02298	.000	1
S2	.12500	.12661	.002	1.28	.54784	.003	1
S3	.25000	.25258	.003	1.03	1.0946	.032	1
S4	.50000	.50064	.001	.128	2.1712	.005	1
S5	1.0000	.99451	-.005	-.549	4.3146	.038	1

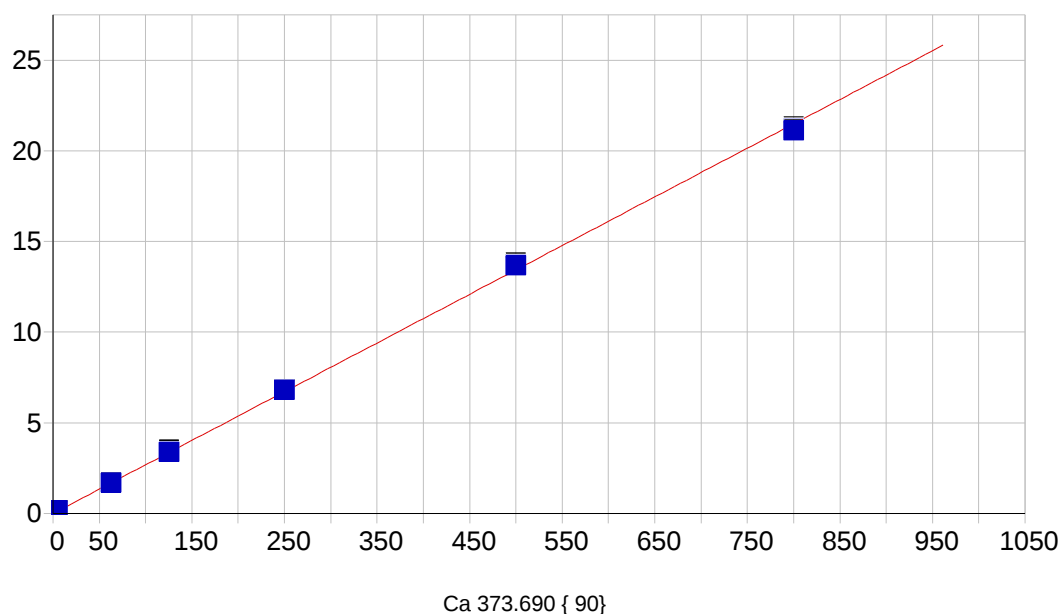


Cd 214.438 {457}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000373 Re-Slope: 1.000000
 A1 (Gain): 2.141418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000106
 Predicted MDL: 0.000086
 Predicted MQL: 0.000287

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.00500	.00554	.001	10.8	.01225	.000	1
S2	.62500	.62053	-.004	-.715	1.3319	.004	1
S3	1.2500	1.2553	.005	.426	2.6941	.012	1
S4	2.5000	2.5185	.018	.738	5.4045	.023	1
S5	5.0000	4.9801	-.020	-.397	10.687	.026	1



Date of Fit: 6/25/2018 17:47:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001112

Re-Slope: 1.000000

A1 (Gain): 0.026859

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999857

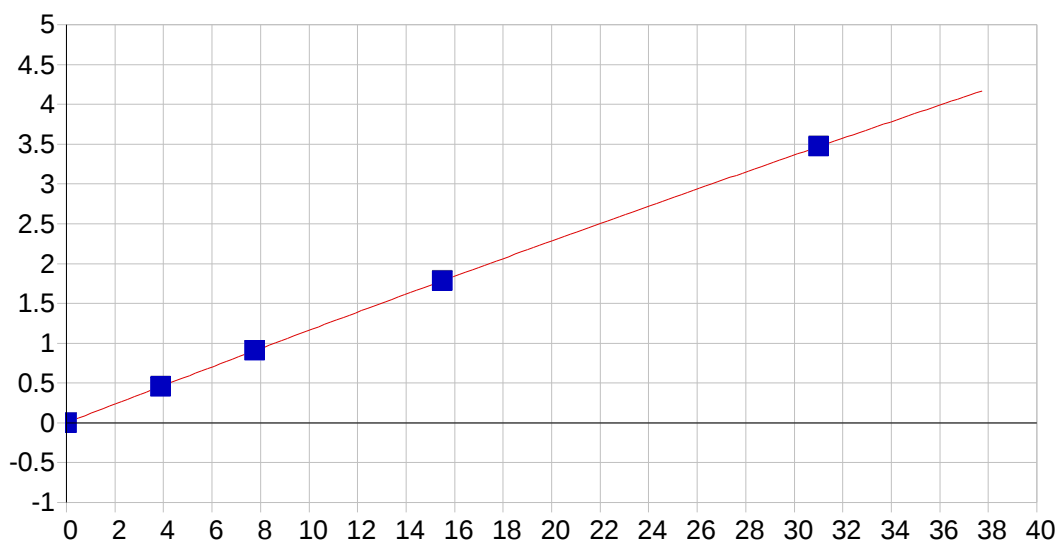
Status: OK.

Std Error of Est: 0.001596

Predicted MDL: 0.017350

Predicted MQL: 0.057832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00057	-.001	.000	.00110	.000	1
S1	5.0000	5.4487	.449	8.97	.14747	.001	1
S2	62.500	62.749	.249	.399	1.6925	.010	1
S3	125.00	125.86	.856	.685	3.3934	.109	1
S4	250.00	253.41	3.41	1.36	6.8313	.017	1
S5	500.00	509.09	9.09	1.82	13.723	.098	1
S6	800.00	785.98	-14.0	-1.75	21.239	.094	1

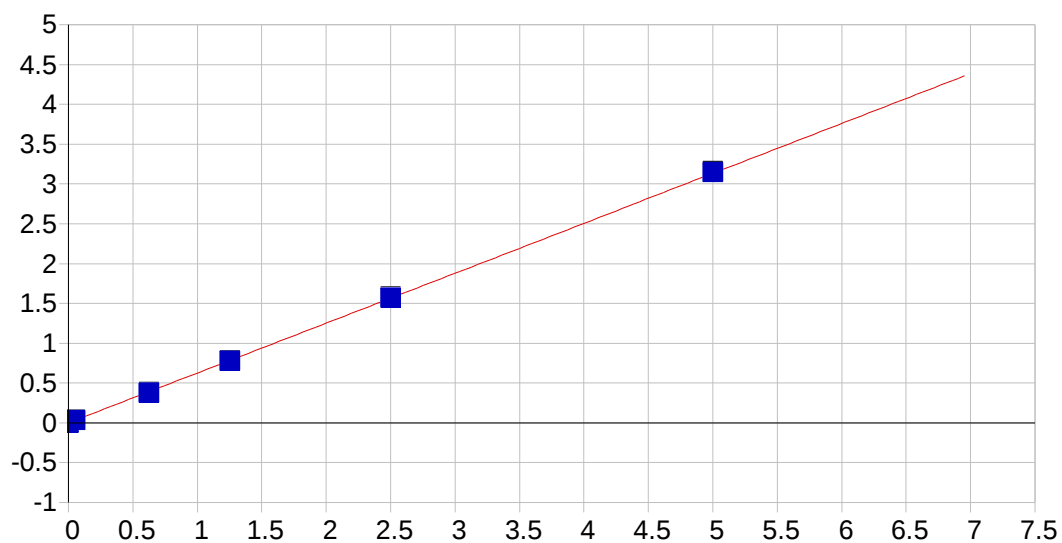


Cr 267.716 {126}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.118347 Y-int: 0.000000
 A2 (Curvature): -0.000209
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.000454
 Predicted MQL: 0.001513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01192	.002	19.2	.00140	.000	1
S2	3.8750	3.8811	.006	.158	.45697	.001	1
S3	7.7500	7.7588	.009	.113	.90726	.001	1
S4	15.500	15.471	-.029	-.186	1.7842	.003	1
S5	31.000	31.012	.012	.039	3.4758	.003	1

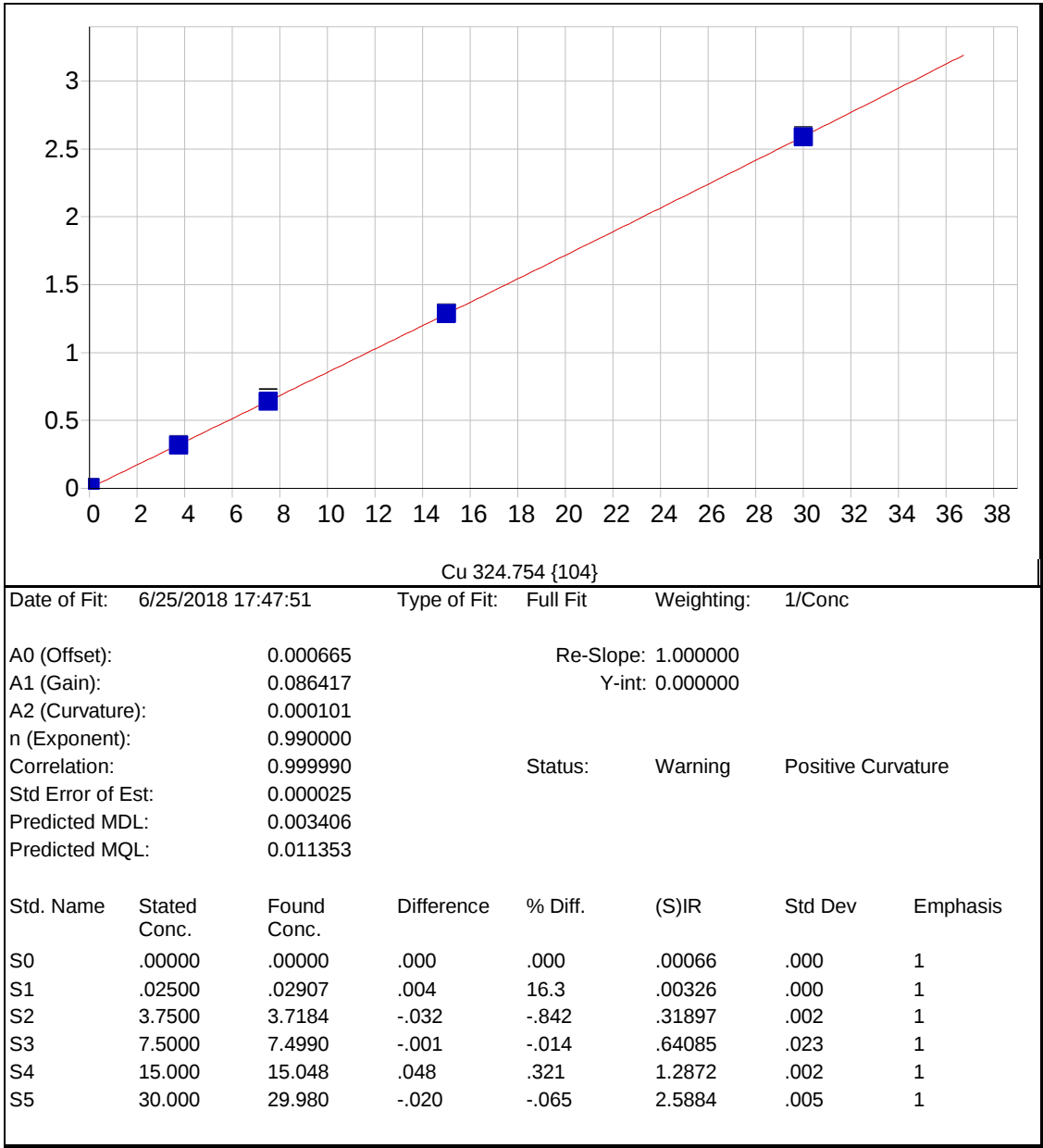


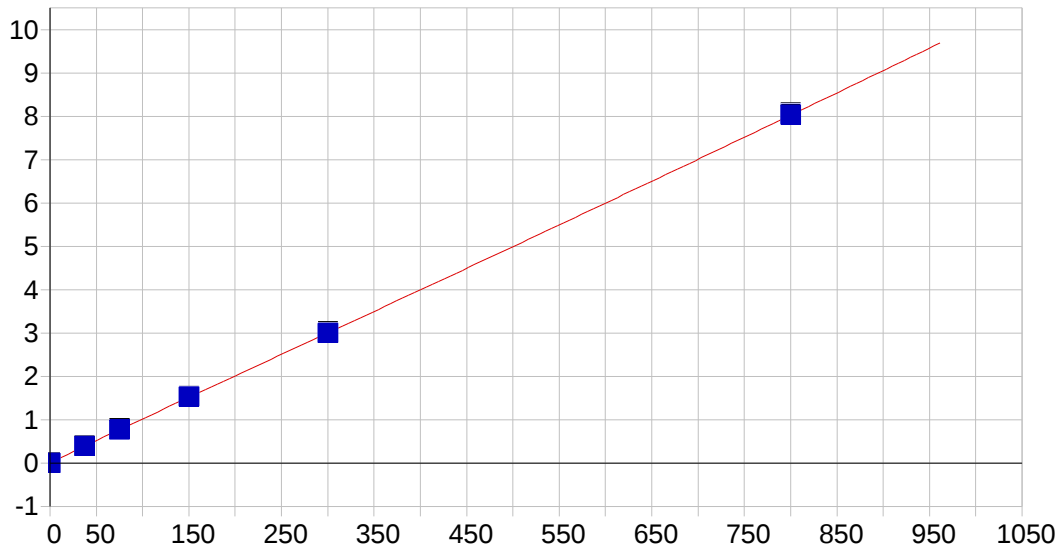
Co 228.616 {448}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.626512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000282
 Predicted MQL: 0.000940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.05000	.05319	.003	6.37	.03311	.000	1
S2	.62500	.60703	-.018	-2.87	.38076	.001	1
S3	1.2500	1.2383	-.012	-.940	.77701	.005	1
S4	2.5000	2.5077	.008	.307	1.5739	.007	1
S5	5.0000	5.0188	.019	.377	3.1503	.009	1



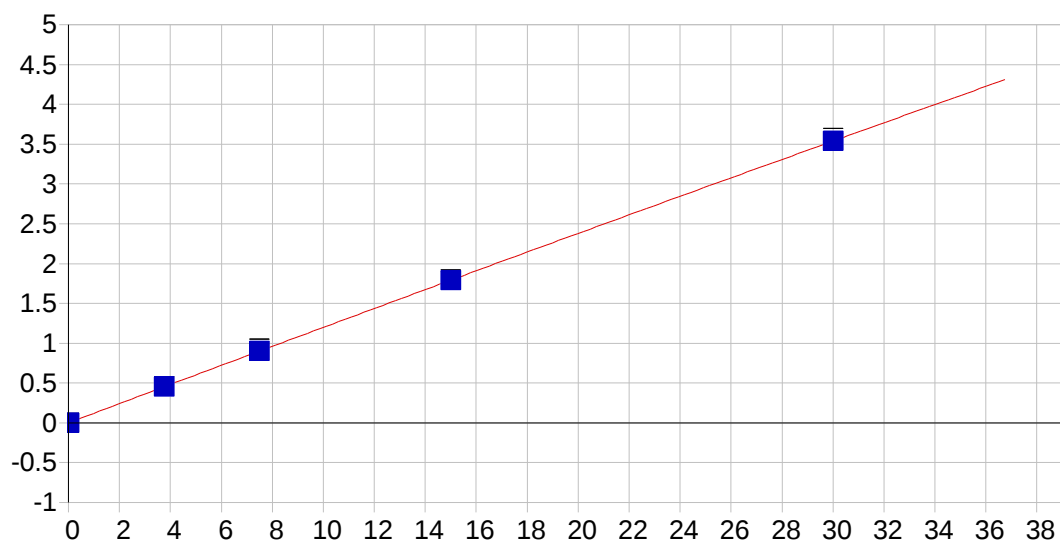


Fe 259.837 {130}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.011635 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 0.970000
 Correlation: 0.999992 Status: Warning Positive Curvature
 Std Error of Est: 0.000022
 Predicted MDL: 0.013430
 Predicted MQL: 0.044767

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.10000	.10824	.008	8.24	.00146	.000	1
S2	37.500	36.944	-.556	-1.48	.38920	.002	1
S3	75.000	75.024	.024	.032	.77577	.026	1
S4	150.00	151.21	1.21	.808	1.5390	.006	1
S5	300.00	299.26	-.737	-.246	3.0140	.024	1
S6	800.00	800.07	.069	.009	8.0690	.021	1

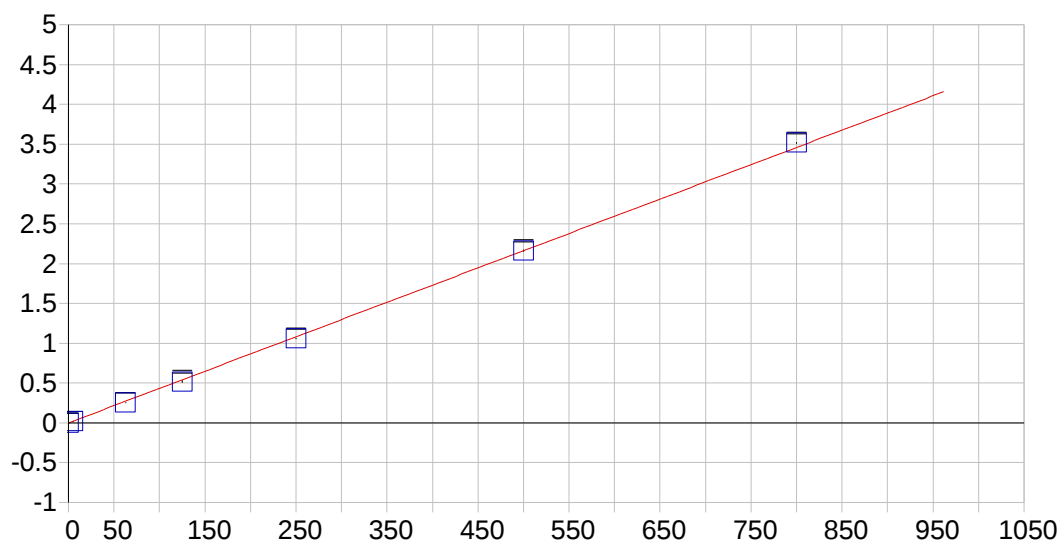


Mn 257.610 {131}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.120927 Y-int: 0.000000
 A2 (Curvature): -0.000100
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.001111
 Predicted MQL: 0.003703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01500	.01622	.001	8.15	.00188	.000	1
S2	3.7500	3.7679	.018	.476	.45424	.002	1
S3	7.5000	7.4961	-.004	-.051	.90101	.029	1
S4	15.000	14.972	-.028	-.190	1.7885	.006	1
S5	30.000	30.013	.013	.044	3.5405	.033	1

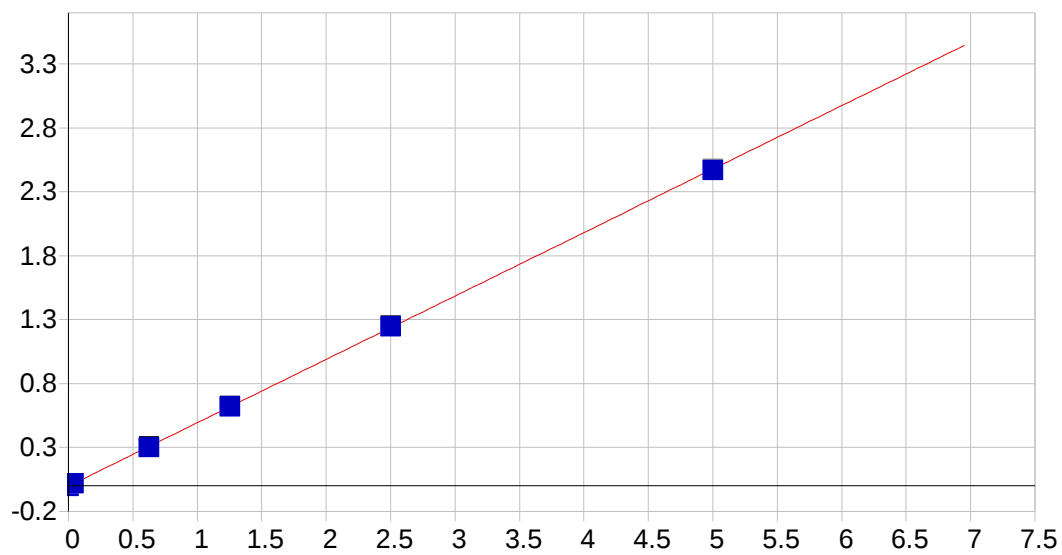


Mg 279.079 {121}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.004324 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000301
 Predicted MDL: 0.043328
 Predicted MQL: 0.144427

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-.00011	.000	1
S1	5.0000	5.2097	.210	4.19	.02241	.000	1
S2	62.500	59.315	-3.18	-5.10	.25634	.001	1
S3	125.00	119.85	-5.15	-4.12	.51807	.018	1
S4	250.00	245.24	-4.76	-1.90	1.0602	.004	1
S5	500.00	499.60	-.403	-.081	2.1599	.014	1
S6	800.00	813.29	13.3	1.66	3.5162	.010	1

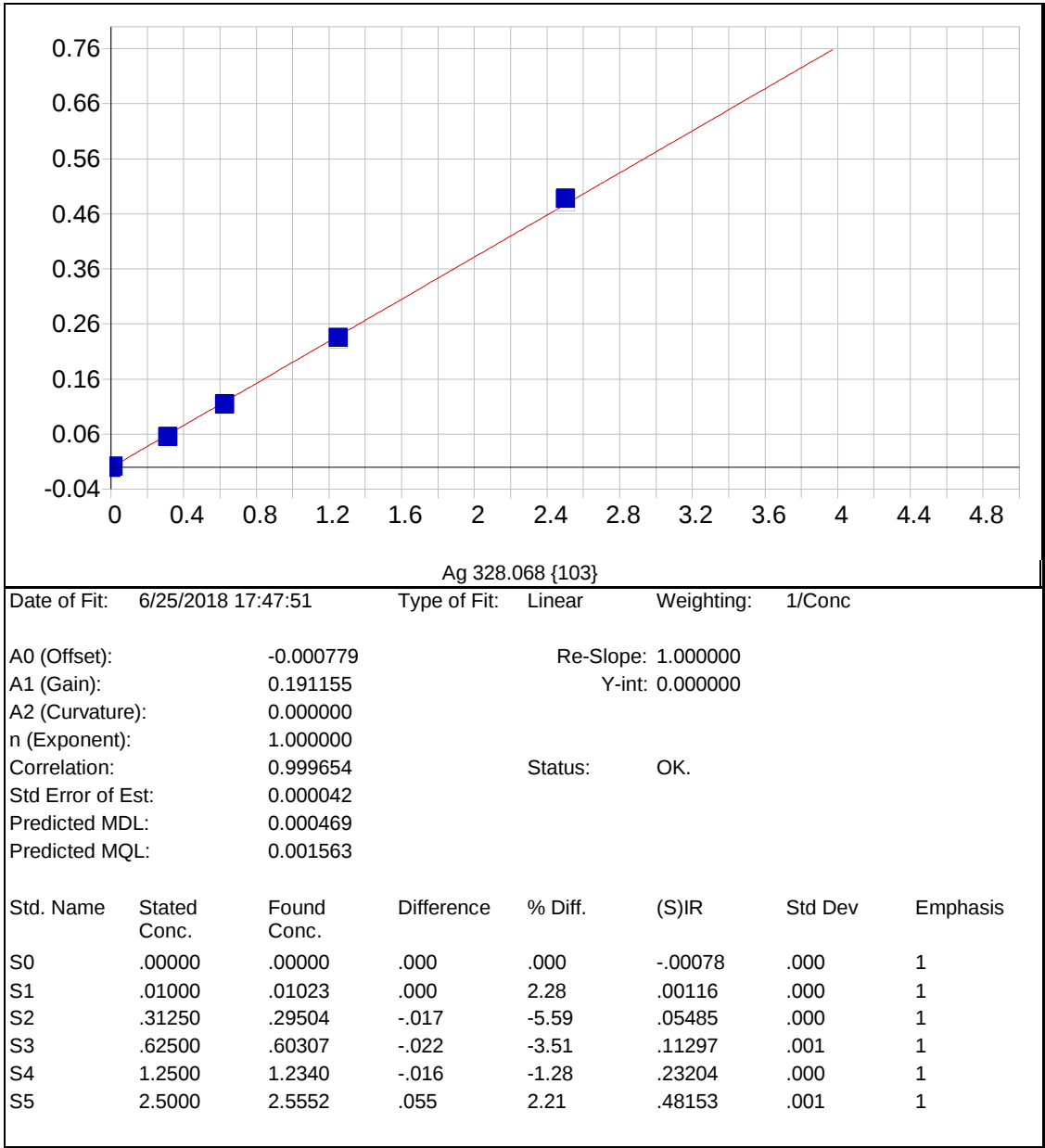


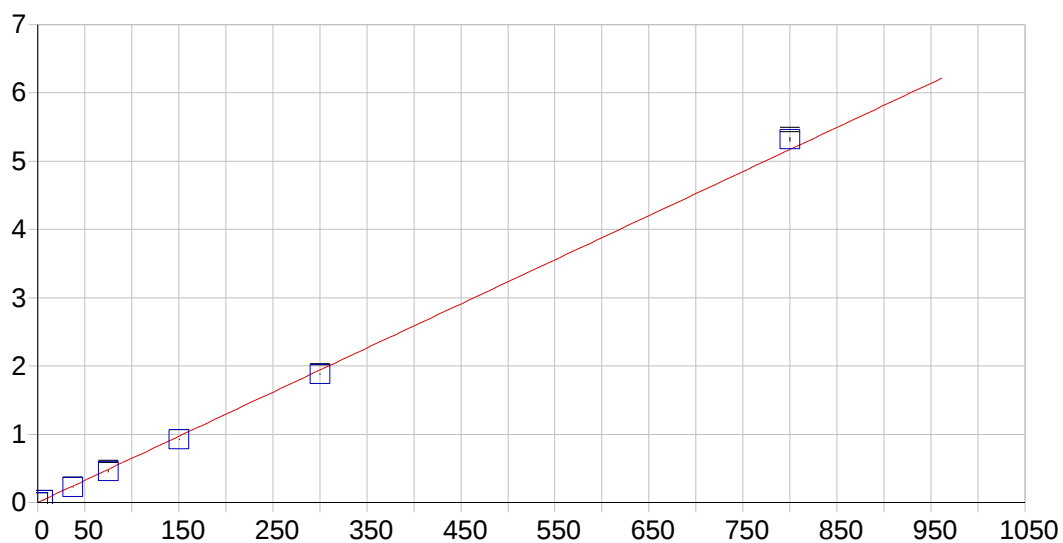
Ni 231.604 {446}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001464 Re-Slope: 1.000000
 A1 (Gain): 0.495790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.000416
 Predicted MQL: 0.001388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00147	.000	1
S1	.04000	.04422	.004	10.5	.02047	.000	1
S2	.62500	.61444	-.011	-1.69	.30381	.001	1
S3	1.2500	1.2553	.005	.426	.62218	.003	1
S4	2.5000	2.5173	.017	.694	1.2492	.003	1
S5	5.0000	4.9837	-.016	-.327	2.4745	.004	1



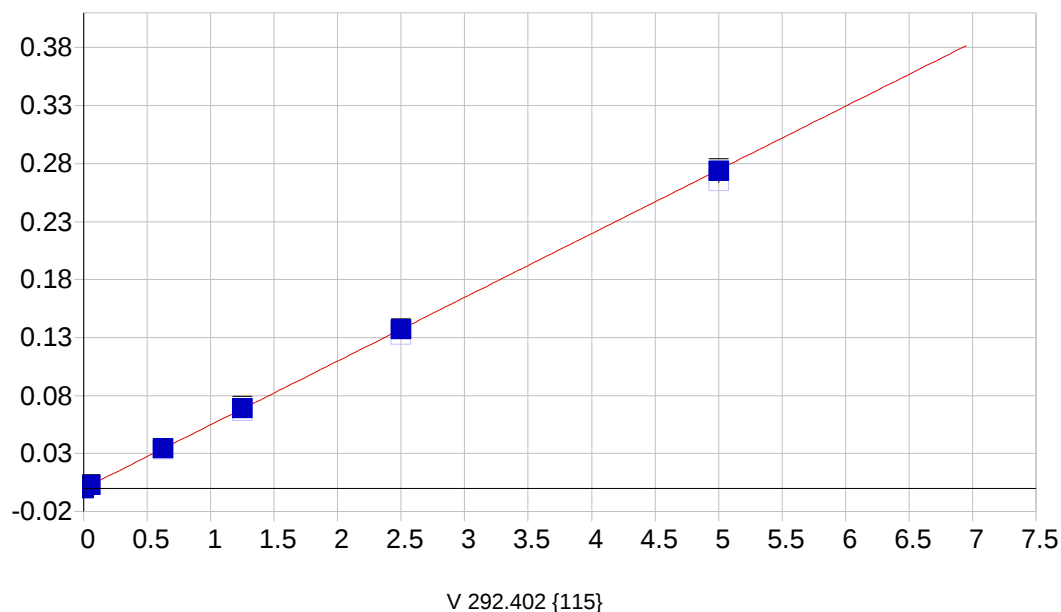


Na 818.326 { 41}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000425 Re-Slope: 1.000000
 A1 (Gain): 0.006465 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.000701
 Predicted MDL: 0.214760
 Predicted MQL: 0.715867

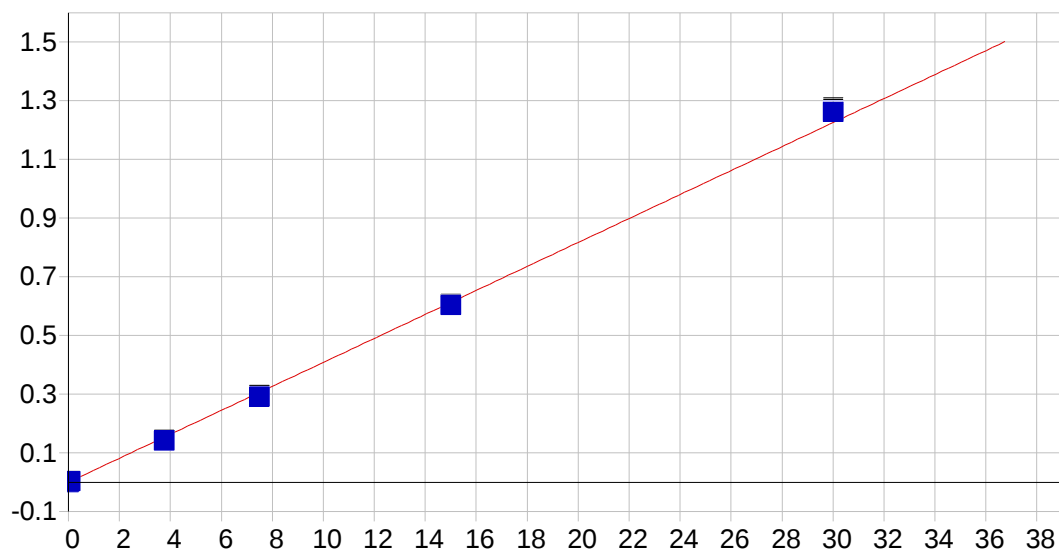
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00066	.001	.000	.00043	.000	1
S1	5.0000	5.2106	.211	4.21	.03411	.001	1
S2	37.500	34.969	-2.53	-6.75	.22649	.002	1
S3	75.000	70.602	-4.40	-5.86	.45684	.015	1
S4	150.00	142.98	-7.02	-4.68	.92476	.000	1
S5	300.00	290.99	-9.01	-3.00	1.8815	.010	1
S6	800.00	822.75	22.7	2.84	5.3192	.031	1



Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000182 Re-Slope: 1.000000
 A1 (Gain): 0.054942 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004178
 Predicted MQL: 0.013926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00018	.000	1
S1	.05000	.05482	.005	9.63	.00283	.000	1
S2	.62500	.62998	.005	.796	.03330	.000	1
S3	1.2500	1.2556	.006	.444	.06654	.002	1
S4	2.5000	2.4944	-.006	-.223	.13234	.001	1
S5	5.0000	4.9901	-.010	-.199	.26492	.001	1

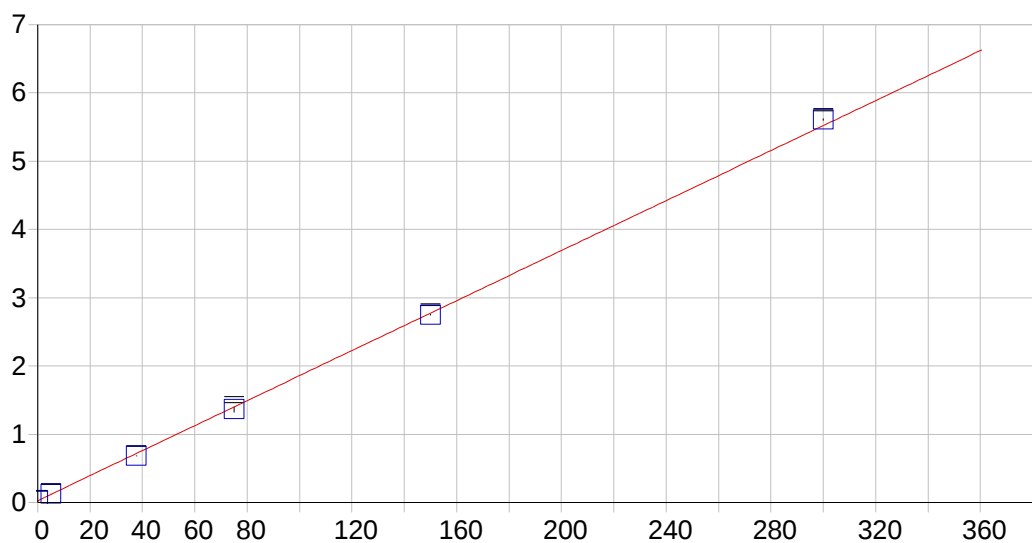


Zn 213.856 {158}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000471 Re-Slope: 1.000000
 A1 (Gain): 0.040876 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999393 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.008912
 Predicted MQL: 0.029706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.06000	.06518	.005	8.63	.00220	.000	1
S2	3.7500	3.4702	-.280	-7.46	.14210	.001	1
S3	7.5000	7.1397	-.360	-4.80	.29281	.004	1
S4	15.000	14.749	-.251	-1.68	.60527	.002	1
S5	30.000	30.886	.886	2.95	1.2678	.008	1

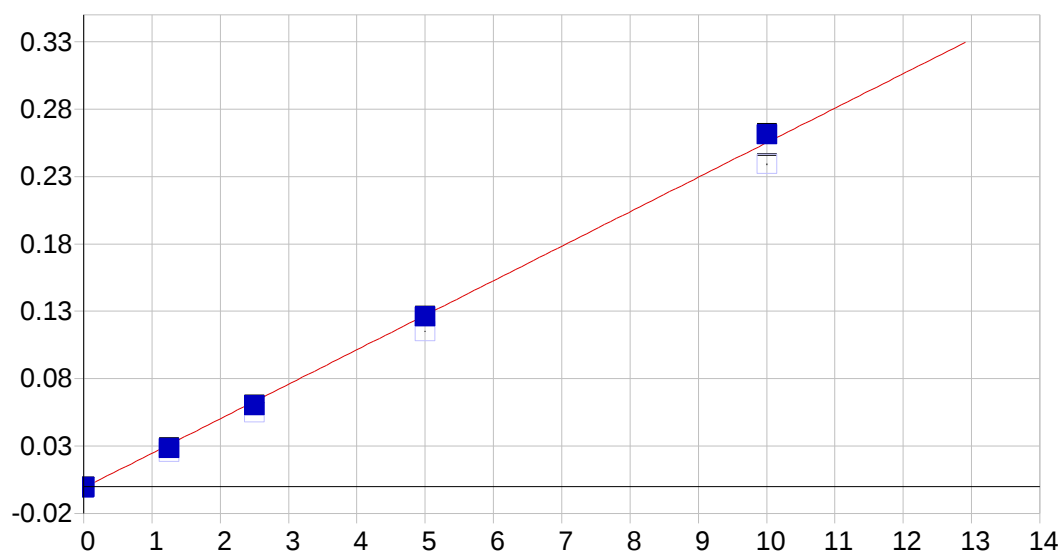


K 769.896 { 44}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027675 Re-Slope: 1.000000
 A1 (Gain): 0.018312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999787 Status: OK.
 Std Error of Est: 0.000779
 Predicted MDL: 0.060419
 Predicted MQL: 0.201397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02768	.001	1
S1	5.0000	5.3236	.324	6.47	.12516	.001	1
S2	37.500	35.773	-1.73	-4.60	.68276	.002	1
S3	75.000	72.939	-2.06	-2.75	1.3633	.046	1
S4	150.00	148.75	-1.25	-.835	2.7515	.012	1
S5	300.00	304.72	4.72	1.57	5.6077	.016	1

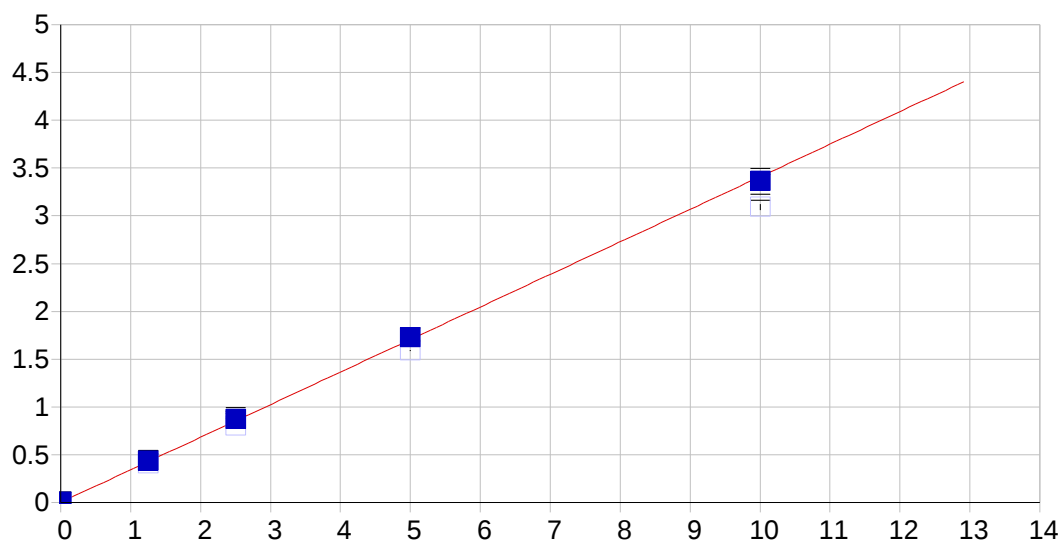


P 177.495 {490}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000928 Re-Slope: 1.000000
 A1 (Gain): 0.025605 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999340 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003003
 Predicted MQL: 0.010010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.01000	.01451	.005	45.1	-.00057	.000	1
S2	1.2500	1.1501	-.100	-7.99	.02576	.000	1
S3	2.5000	2.3925	-.107	-4.30	.05481	.000	1
S4	5.0000	4.9626	-.037	-.749	.11510	.000	1
S5	10.000	10.240	.240	2.40	.23919	.001	1

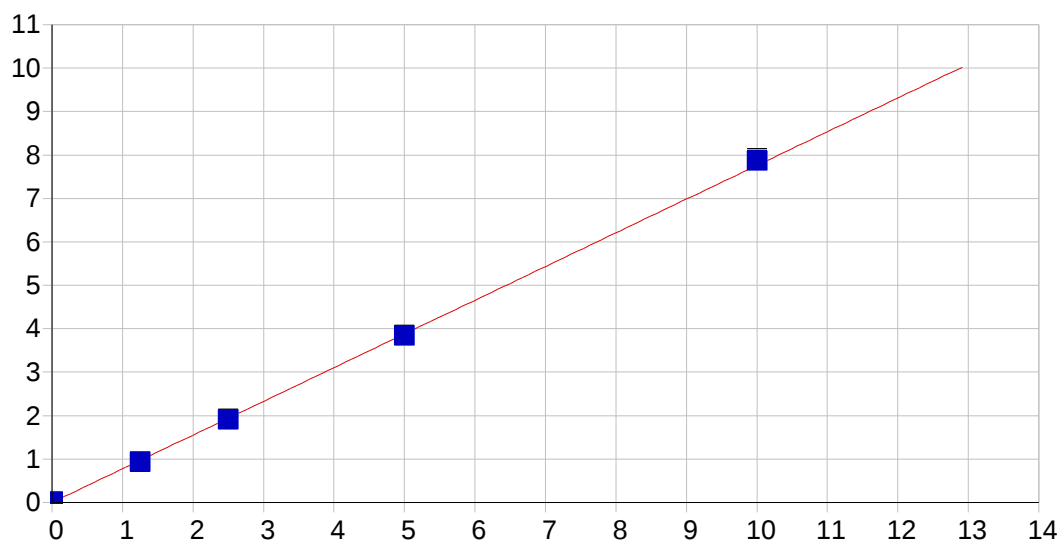


B 249.678 {135}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001810 Re-Slope: 1.000000
 A1 (Gain): 0.340739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001089
 Predicted MQL: 0.003629

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00181	.000	1
S1	.01000	.01048	.000	4.83	.00531	.000	1
S2	1.2500	1.2816	.032	2.53	.40478	.002	1
S3	2.5000	2.5477	.048	1.91	.80245	.022	1
S4	5.0000	5.0589	.059	1.18	1.5906	.005	1
S5	10.000	9.8612	-.139	-1.39	3.0920	.031	1

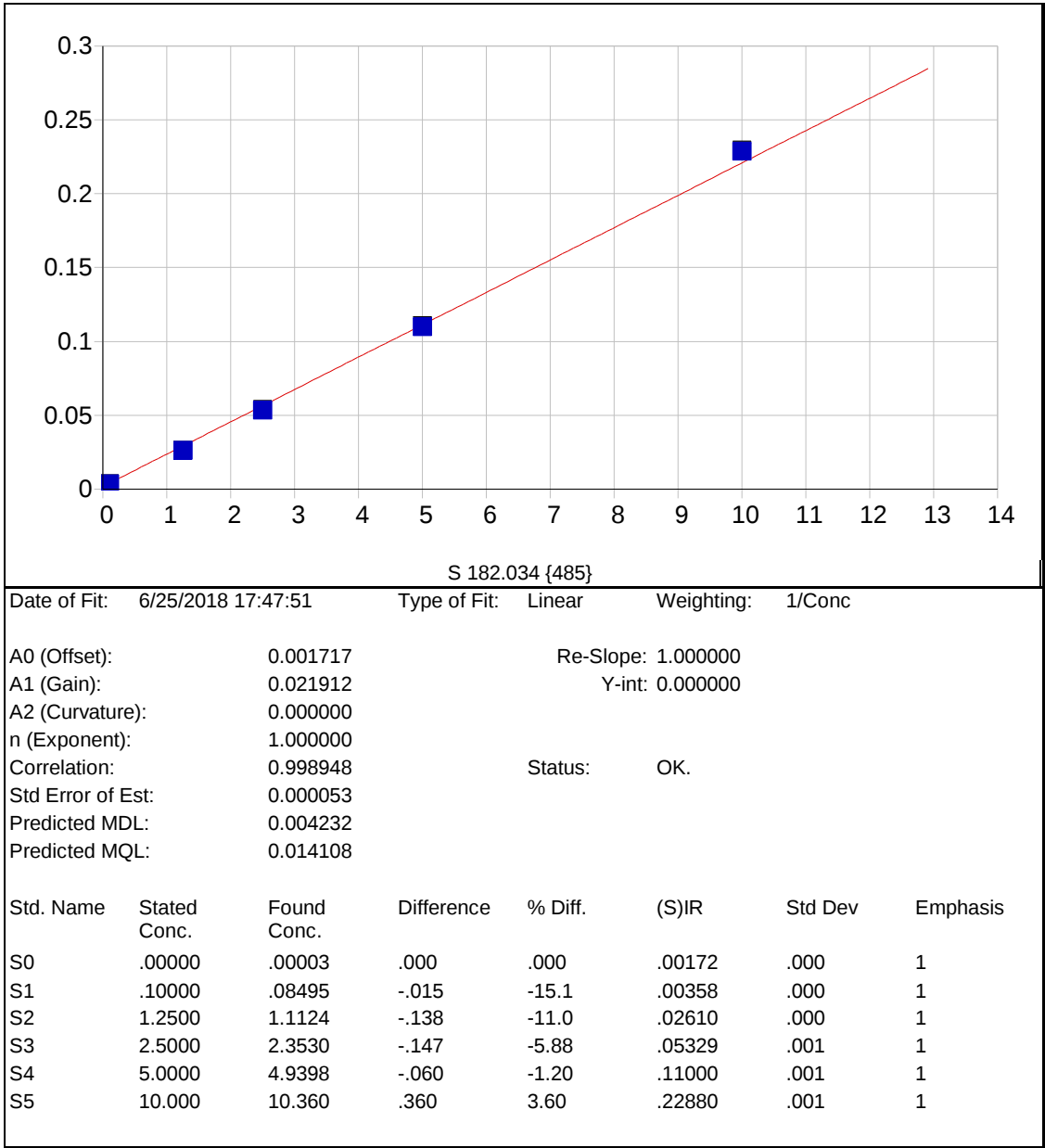


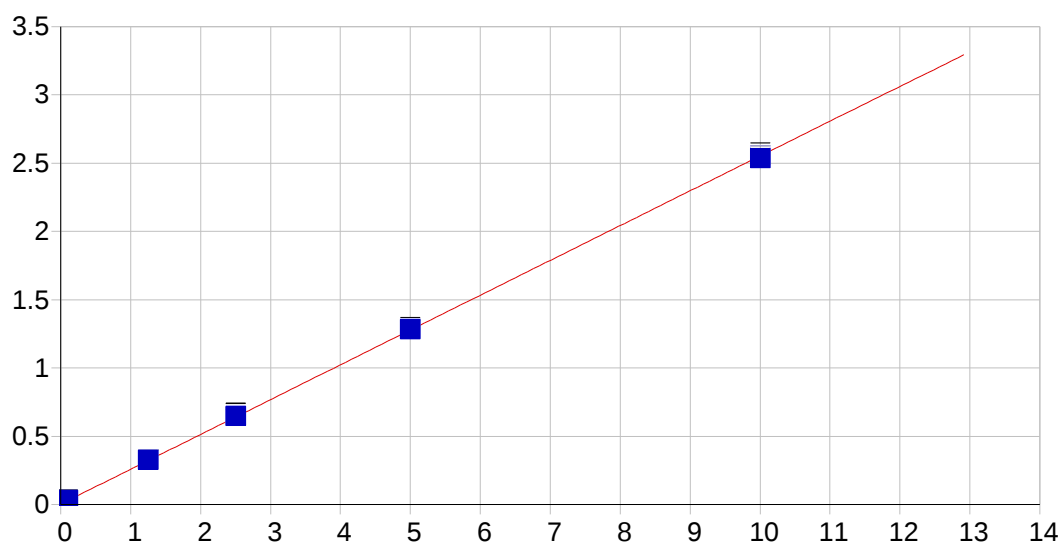
Mo 202.030 {467}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.776012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.000288
 Predicted MQL: 0.000959

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.01000	.01130	.001	13.0	.00895	.000	1
S2	1.2500	1.2031	-.047	-3.75	.93378	.004	1
S3	2.5000	2.4552	-.045	-1.79	1.9053	.010	1
S4	5.0000	4.9501	-.050	-.999	3.8413	.010	1
S5	10.000	10.140	.140	1.40	7.8689	.047	1



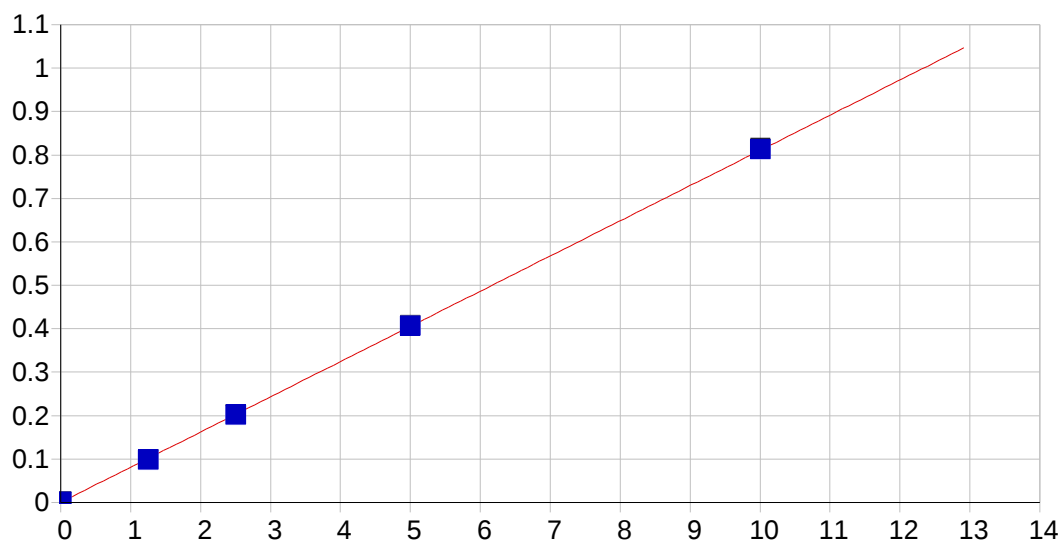


Si 251.611 {134}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002863 Re-Slope: 1.000000
 A1 (Gain): 0.254940 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.001326
 Predicted MQL: 0.004419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00286	.000	1
S1	.10000	.10964	.010	9.64	.03090	.000	1
S2	1.2500	1.2677	.018	1.42	.32867	.001	1
S3	2.5000	2.5277	.028	1.11	.65249	.019	1
S4	5.0000	5.0136	.014	.273	1.2915	.005	1
S5	10.000	9.9314	-.069	-.686	2.5557	.022	1

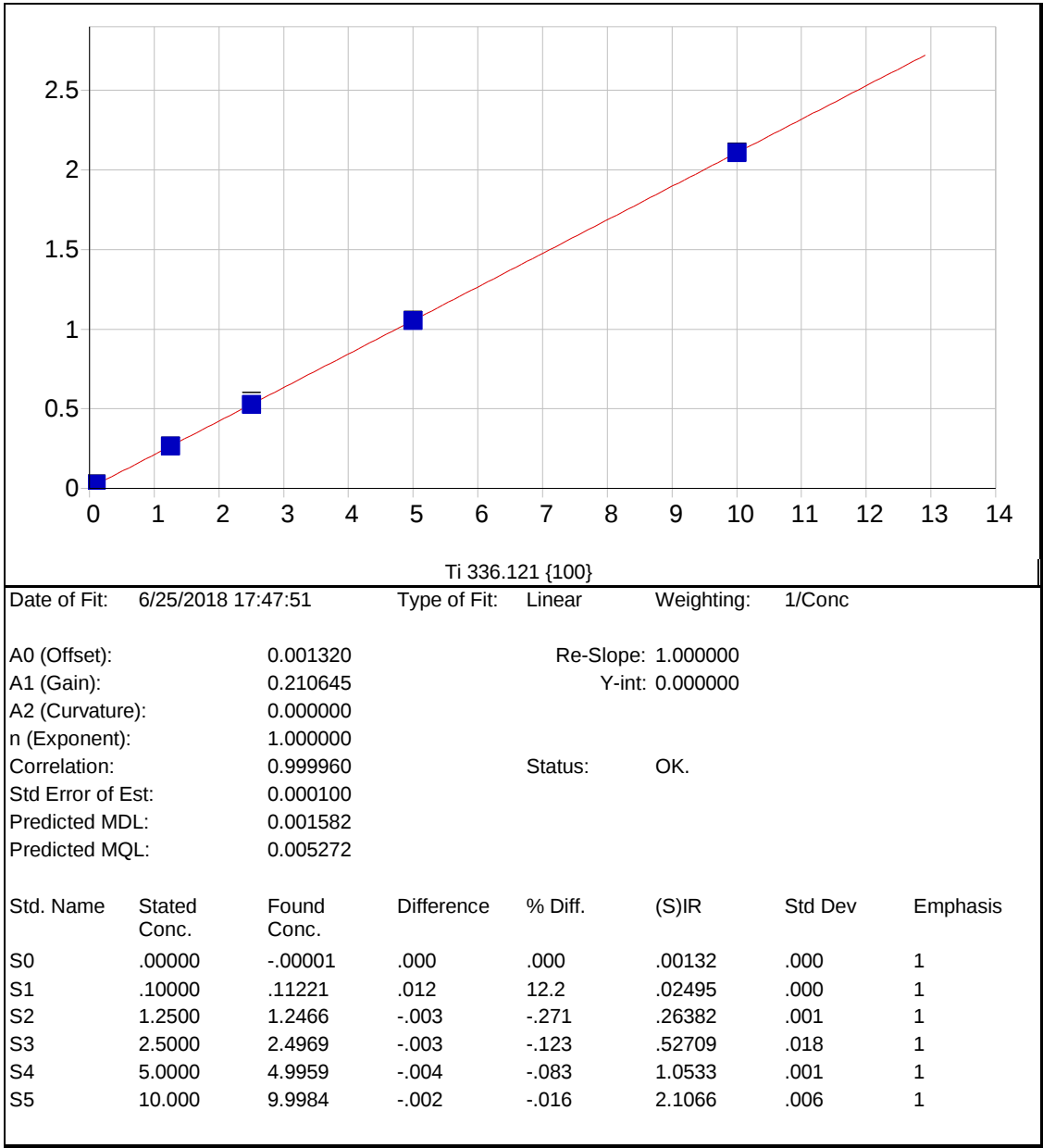


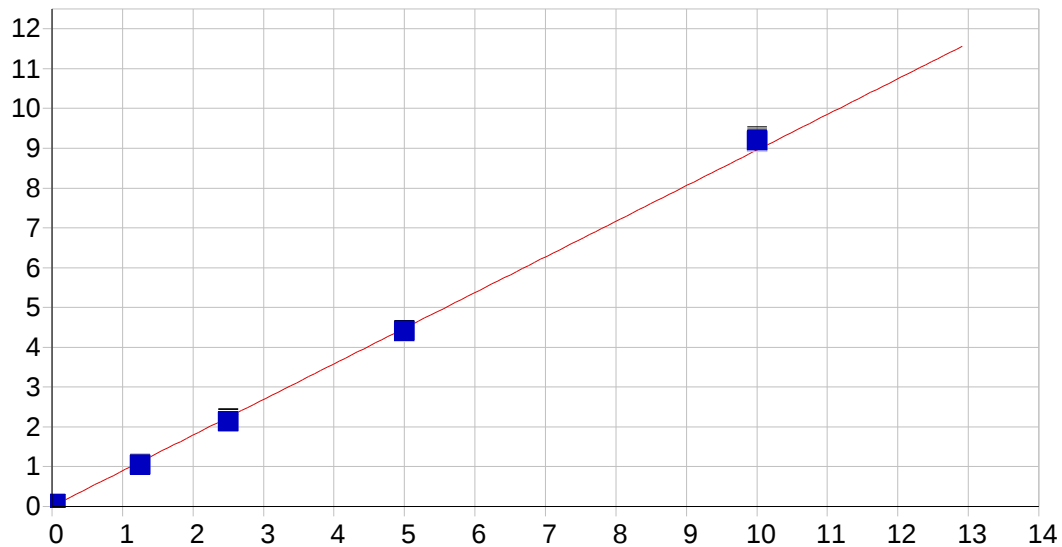
Sn 189.989 {478}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.081047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001119
 Predicted MQL: 0.003730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00695	.000	-.656	.00071	.000	1
S2	1.2500	1.2073	-.043	-3.42	.09779	.001	1
S3	2.5000	2.4842	-.016	-.631	.20106	.001	1
S4	5.0000	5.0189	.019	.377	.40604	.001	1
S5	10.000	10.040	.040	.397	.81206	.002	1





Li 670.784 { 50}

Date of Fit: 6/25/2018 17:47:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002468 Re-Slope: 1.000000
 A1 (Gain): 0.895227 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999500 Status: OK.
 Std Error of Est: 0.001057
 Predicted MDL: 0.001561
 Predicted MQL: 0.005204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00247	.000	1
S5	10.000	10.270	.270	2.70	9.1462	.093	1
S4	5.0000	4.9169	-.083	-1.66	4.3790	.024	1
S3	2.5000	2.3861	-.114	-4.56	2.1260	.070	1
S2	1.2500	1.1742	-.076	-6.06	1.0474	.011	1
S1	.05000	.05274	.003	5.49	.04960	.001	1



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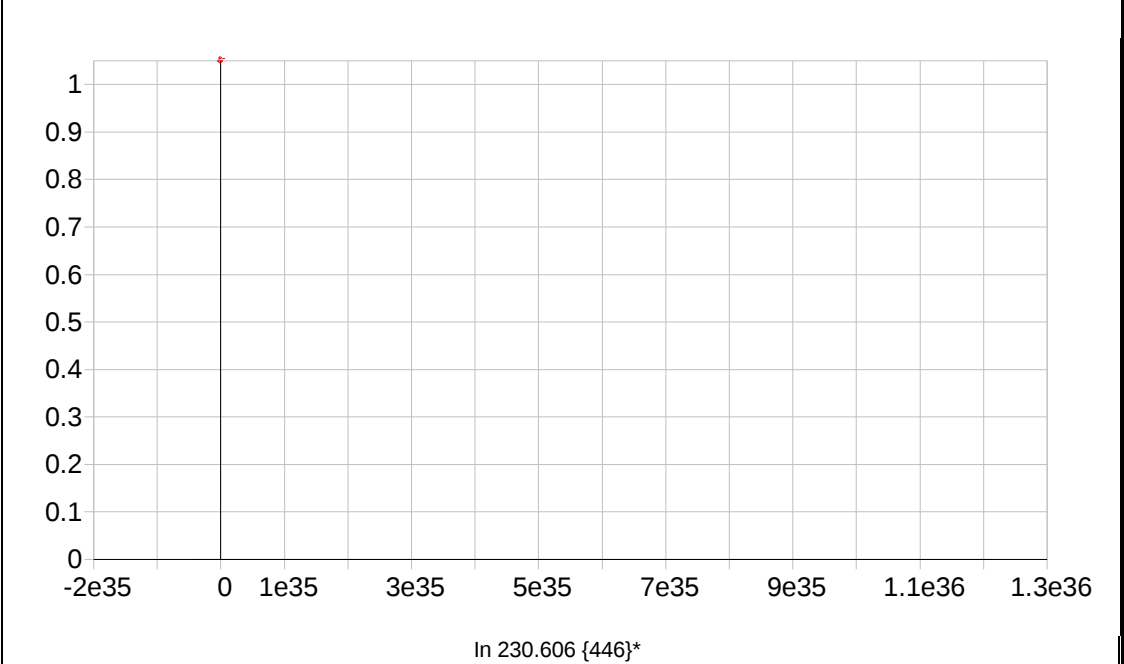




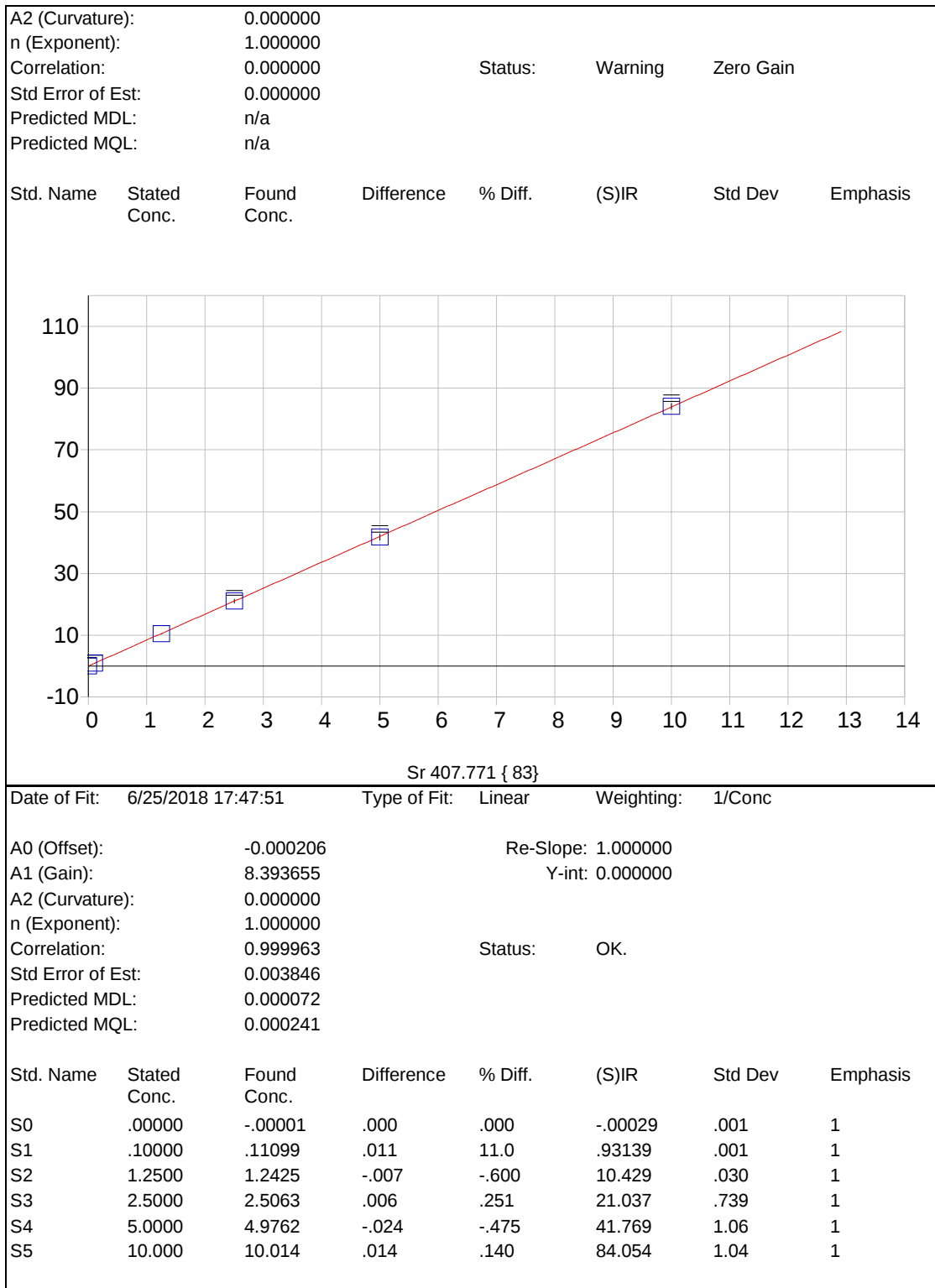


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 6/25/2018 12:35:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 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	-.00026	-.00020	-.00007	.00038	.00046	.00038	-.02358	-.00169
Stddev	.00008	.00013	.00011	.00008	.00012	.00008	.00129	.00006
%RSD	30.497	66.455	161.78	19.804	26.017	19.940	5.4877	3.7557

#1	-.00034	-.00011	-.00014	.00030	.00060	.00037	-.02275	-.00176
#2	-.00027	-.00035	-.00012	.00044	.00038	.00031	-.02291	-.00169
#3	-.00018	-.00013	.00006	.00040	.00040	.00046	-.02507	-.00164

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	.00037	.00110	-.00001	-.00033	.00066	.00009	-.00009	-.00011
Stddev	.00014	.00017	.00004	.00015	.00013	.00016	.00003	.00011
%RSD	38.538	15.545	340.04	46.447	19.979	171.54	35.332	101.69

#1	.00025	.00090	.00001	-.00021	.00069	.00005	-.00009	-.00001
#2	.00033	.00120	.00001	-.00027	.00052	.00026	-.00005	-.00023
#3	.00053	.00119	-.00006	-.00050	.00078	-.00004	-.00012	-.00008

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	-.00147	-.00078	.00043	-.00018	-.00047	.02768	-.00093	.00181
Stddev	.00029	.00005	.00041	.00025	.00024	.00120	.00002	.00044
%RSD	20.084	6.1664	95.917	137.90	50.977	4.3220	2.5938	24.586

#1	-.00141	-.00080	.00090	-.00037	-.00047	.02716	-.00090	.00206
#2	-.00178	-.00081	.00023	-.00028	-.00023	.02904	-.00094	.00130
#3	-.00120	-.00072	.00016	.00010	-.00071	.02682	-.00095	.00207

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	.00018	.00172	.00286	.00017	.00132	.00247	-.00029	
Stddev	.00016	.00007	.00007	.00008	.00040	.00022	.00054	
%RSD	89.488	4.1342	2.4933	46.821	30.477	8.8002	183.41	

#1	.00002	.00179	.00286	.00014	.00121	.00230	.00002	
#2	.00034	.00172	.00279	.00011	.00098	.00240	.00002	
#3	.00018	.00165	.00293	.00026	.00176	.00271	-.00091	

Sample Name: S0 Acquired: 6/25/2018 12:35:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.9	2269.0	60820.	7243.6	3885.1
Stddev	5.5	8.9	73.	38.6	16.0
%RSD	.25258	.39285	.11974	.53251	.41162
#1	2172.3	2266.7	60744.	7287.7	3883.8
#2	2181.2	2278.9	60826.	7227.1	3901.7
#3	2171.2	2261.5	60889.	7216.1	3869.8

Sample Name: S1 Acquired: 6/25/2018 12:39:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00003	.00075	.00129	.00218	.01059	.01594	.67055	.02298
Stddev	.00011	.00005	.00043	.00020	.00037	.00048	.00203	.00016
%RSD	396.03	6.1895	33.077	9.2720	3.4944	2.9920	.30345	.71118

#1	.00015	.00080	.00149	.00212	.01094	.01648	.67019	.02303
#2	.00000	.00071	.00080	.00241	.01020	.01577	.67274	.02310
#3	-.00006	.00074	.00158	.00202	.01063	.01558	.66871	.02279

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	.01225	.14747	.00140	.03311	.00326	.00146	.00188	.02241
Stddev	.00035	.00082	.00005	.00027	.00020	.00001	.00010	.00003
%RSD	2.8564	.55354	3.8802	.82678	6.0951	.87186	5.1946	.11609

#1	.01199	.14834	.00135	.03329	.00331	.00147	.00188	.02242
#2	.01210	.14735	.00146	.03280	.00305	.00147	.00197	.02238
#3	.01265	.14672	.00140	.03324	.00344	.00145	.00178	.02243

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	.02047	.00116	.03411	.00283	.00220	.12516	-.00057	.00531
Stddev	.00039	.00009	.00068	.00036	.00031	.00132	.00002	.00045
%RSD	1.9021	7.6336	1.9893	12.875	14.075	1.0536	3.5143	8.5376

#1	.02076	.00106	.03466	.00321	.00238	.12614	-.00060	.00548
#2	.02003	.00122	.03335	.00249	.00184	.12366	-.00057	.00566
#3	.02062	.00121	.03432	.00278	.00239	.12568	-.00056	.00480

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	.00895	.00358	.03090	.00071	.02495	.04960	.93139	
Stddev	.00007	.00002	.00019	.00007	.00010	.00124	.00097	
%RSD	.73101	.66481	.62331	9.4509	.38552	2.4949	.10424	

#1	.00888	.00356	.03078	.00073	.02484	.05014	.93146	
#2	.00901	.00360	.03112	.00076	.02501	.05047	.93232	
#3	.00894	.00357	.03080	.00064	.02499	.04818	.93038	

Sample Name: S1 Acquired: 6/25/2018 12:39:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.1	2250.5	60290.	7237.9	3847.0
Stddev	21.5	22.5	327.	40.7	42.0
%RSD	.99241	1.0013	.54253	.56282	1.0919
#1	2187.5	2231.9	60590.	7200.0	3811.1
#2	2147.0	2275.6	59942.	7281.0	3893.2
#3	2154.8	2243.9	60338.	7232.7	3836.6

Sample Name: S2 Acquired: 6/25/2018 12:43:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.03418	.04432	.77313	.06713	.19651	2.5558	7.7140	.54784
Stddev	.00025	.00022	.00233	.00081	.00094	.0130	.0366	.00268
%RSD	.71835	.50458	.30103	1.2071	.47994	.50986	.47463	.48899

#1	.03398	.04411	.77161	.06682	.19573	2.5647	7.7380	.54484
#2	.03411	.04428	.77197	.06651	.19623	2.5408	7.6718	.54866
#3	.03445	.04456	.77581	.06804	.19756	2.5618	7.7322	.55001

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	1.3319	1.6925	.45697	.38076	.31897	.38920	.45424	.25634
Stddev	.0038	.0104	.00077	.00145	.00174	.00152	.00221	.00058
%RSD	.28459	.61216	.16875	.38117	.54543	.39035	.48648	.22819

#1	1.3305	1.6955	.45773	.38115	.31913	.39014	.45524	.25674
#2	1.3291	1.6809	.45701	.37916	.31716	.38745	.45171	.25567
#3	1.3362	1.7010	.45618	.38198	.32062	.39002	.45578	.25662

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	.30381	.05485	.22649	.03330	.14210	.68276	.02576	.40478
Stddev	.00140	.00041	.00227	.00004	.00096	.00179	.00017	.00209
%RSD	.45967	.75300	1.0031	.10839	.67428	.26178	.65163	.51750

#1	.30260	.05532	.22515	.03333	.14281	.68351	.02570	.40281
#2	.30349	.05469	.22520	.03326	.14247	.68072	.02563	.40455
#3	.30533	.05455	.22911	.03330	.14101	.68405	.02595	.40698

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	.93378	.02610	.32867	.09779	.26382	1.0474	10.429	
Stddev	.00407	.00005	.00102	.00067	.00078	.0108	.030	
%RSD	.43536	.19878	.30915	.68690	.29502	1.0318	.28333	

#1	.92949	.02611	.32755	.09753	.26409	1.0519	10.435	
#2	.93427	.02615	.32954	.09729	.26294	1.0351	10.397	
#3	.93757	.02605	.32891	.09855	.26442	1.0552	10.455	

Sample Name: S2 Acquired: 6/25/2018 12:43:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.7	2145.9	58775.	7139.5	3502.3
Stddev	7.2	7.1	122.	25.1	13.1
%RSD	.34613	.33241	.20736	.35108	.37431
#1	2096.0	2149.7	58648.	7165.4	3503.2
#2	2083.3	2150.4	58786.	7137.7	3515.0
#3	2083.7	2137.7	58891.	7115.4	3488.8

Sample Name: S3 Acquired: 6/25/2018 12:47:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.07083	.08854	1.5749	.13780	.40651	5.1840	15.754	1.0946
Stddev	.00024	.00061	.0074	.00066	.00190	.1770	.569	.0321
%RSD	.33319	.68900	.47219	.47727	.46682	3.4147	3.6134	2.9361

#1	.07092	.08899	1.5690	.13826	.40519	5.3643	16.342	1.1256
#2	.07056	.08785	1.5723	.13705	.40565	5.0105	15.205	1.0614
#3	.07100	.08879	1.5832	.13809	.40868	5.1772	15.715	1.0969

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	2.6941	3.3934	.90726	.77701	.64085	.77577	.90101	.51807
Stddev	.0116	.1093	.00108	.00498	.02274	.02600	.02922	.01752
%RSD	.42932	3.2215	.11863	.64088	3.5482	3.3518	3.2426	3.3816

#1	2.6857	3.4963	.90665	.77380	.66409	.80127	.92840	.53413
#2	2.6893	3.2786	.90664	.77448	.61865	.74929	.87026	.49939
#3	2.7072	3.4054	.90851	.78274	.63981	.77674	.90438	.52070

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	.62218	.11297	.45684	.06654	.29281	1.3633	.05481	.80245
Stddev	.00348	.00058	.01492	.00189	.00395	.0458	.00011	.02182
%RSD	.55944	.50958	3.2666	2.8472	1.3474	3.3586	.19216	2.7192

#1	.61988	.11361	.47129	.06834	.29724	1.4082	.05493	.82427
#2	.62049	.11279	.44149	.06456	.29151	1.3166	.05474	.78063
#3	.62619	.11250	.45773	.06670	.28968	1.3652	.05477	.80244

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	1.9053	.05329	.65249	.20106	.52709	2.1260	21.037	
Stddev	.0100	.00058	.01876	.00090	.01830	.0696	.739	
%RSD	.52291	1.0799	2.8753	.44904	3.4725	3.2722	3.5118	

#1	1.9008	.05348	.67179	.20055	.54481	2.1889	21.791	
#2	1.8984	.05265	.63432	.20053	.50826	2.0513	20.315	
#3	1.9167	.05375	.65136	.20210	.52820	2.1378	21.003	

Sample Name: S3 Acquired: 6/25/2018 12:47:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.9	2055.6	57563.	7152.2	3312.2
Stddev	15.4	3.4	198.	208.7	7.6
%RSD	.76248	.16348	.34388	2.9181	.22824
#1	2005.7	2055.8	57343.	6936.5	3316.2
#2	2020.4	2058.9	57620.	7353.1	3317.0
#3	2036.5	2052.2	57727.	7167.1	3303.5

Sample Name: S4 Acquired: 6/25/2018 12:51:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.14566	.17370	3.1736	.27963	.83326	10.569	31.726	2.1712
Stddev	.00061	.00082	.0139	.00020	.00231	.019	.045	.0053
%RSD	.41684	.47377	.43770	.07197	.27756	.17899	.14208	.24274

#1	.14628	.17465	3.1782	.27977	.83468	10.587	31.762	2.1763
#2	.14507	.17313	3.1581	.27974	.83059	10.549	31.676	2.1658
#3	.14563	.17333	3.1847	.27940	.83450	10.572	31.740	2.1716

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	5.4045	6.8313	1.7842	1.5739	1.2872	1.5390	1.7885	1.0602
Stddev	.0227	.0168	.0031	.0066	.0022	.0060	.0056	.0043
%RSD	.42041	.24542	.17317	.41831	.17341	.38812	.31099	.40751

#1	5.4128	6.8458	1.7878	1.5752	1.2867	1.5455	1.7941	1.0646
#2	5.3788	6.8130	1.7825	1.5667	1.2853	1.5337	1.7830	1.0559
#3	5.4219	6.8352	1.7823	1.5797	1.2897	1.5380	1.7884	1.0601

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	1.2492	.23204	.92476	.13234	.60527	2.7515	.11510	1.5906
Stddev	.0032	.00041	.00036	.00079	.00240	.0122	.00036	.0049
%RSD	.25418	.17823	.03935	.59546	.39612	.44214	.31152	.30707

#1	1.2511	.23251	.92483	.13222	.60399	2.7557	.11546	1.5940
#2	1.2455	.23173	.92508	.13318	.60804	2.7378	.11509	1.5850
#3	1.2509	.23188	.92437	.13161	.60378	2.7611	.11474	1.5929

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	3.8413	.11000	1.2915	.40604	1.0533	4.3790	41.769	
Stddev	.0098	.00055	.0051	.00142	.0009	.0245	1.056	
%RSD	.25410	.50264	.39741	.35028	.08695	.55875	2.5287	

#1	3.8453	.11063	1.2960	.40559	1.0542	4.4009	42.402	
#2	3.8302	.10963	1.2925	.40489	1.0532	4.3526	40.549	
#3	3.8485	.10973	1.2859	.40763	1.0524	4.3836	42.354	

Sample Name: S4 Acquired: 6/25/2018 12:51:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.3	1939.4	55565.	7034.0	3079.7
Stddev	7.8	2.8	190.	22.2	8.1
%RSD	.40668	.14295	.34111	.31551	.26165
#1	1930.8	1937.0	55468.	7029.4	3076.6
#2	1926.5	1942.4	55784.	7058.1	3088.9
#3	1915.6	1938.9	55445.	7014.4	3073.7

Sample Name: S5 Acquired: 6/25/2018 12:55:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.30672	.33835	6.3734	.58285	1.7670	21.766	63.423	4.3146
Stddev	.00183	.00089	.0140	.00402	.0135	.075	1.028	.0385
%RSD	.59585	.26394	.21928	.68969	.76568	.34306	1.6205	.89218

#1	.30584	.33789	6.3845	.58336	1.7601	21.842	64.153	4.3433
#2	.30549	.33778	6.3577	.57859	1.7583	21.693	62.247	4.2708
#3	.30882	.33938	6.3780	.58658	1.7826	21.762	63.868	4.3297

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	10.687	13.723	3.4758	3.1503	2.5884	3.0140	3.5405	2.1599
Stddev	.026	.098	.0031	.0094	.0050	.0235	.0325	.0142
%RSD	.24589	.71198	.08854	.29695	.19117	.77970	.91814	.65845

#1	10.716	13.822	3.4728	3.1561	2.5930	3.0361	3.5735	2.1743
#2	10.665	13.627	3.4790	3.1395	2.5832	2.9893	3.5085	2.1459
#3	10.680	13.719	3.4756	3.1552	2.5890	3.0168	3.5394	2.1595

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	2.4745	.48153	1.8815	.26492	1.2678	5.6077	.23919	3.0920
Stddev	.0041	.00115	.0100	.00146	.0082	.0159	.00070	.0312
%RSD	.16710	.23880	.53170	.55011	.64827	.28392	.29360	1.0094

#1	2.4771	.48170	1.8891	.26660	1.2619	5.6211	.23991	3.1196
#2	2.4697	.48030	1.8702	.26401	1.2772	5.5901	.23850	3.0581
#3	2.4766	.48258	1.8853	.26415	1.2642	5.6118	.23916	3.0984

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	7.8689	.22880	2.5557	.81206	2.1066	9.1462	84.054	
Stddev	.0466	.00076	.0220	.00166	.0061	.0933	1.036	
%RSD	.59274	.33053	.85899	.20443	.29013	1.0202	1.2322	

#1	7.8630	.22966	2.5721	.81280	2.1120	9.2378	85.233	
#2	7.8255	.22848	2.5307	.81016	2.1000	9.0513	83.291	
#3	7.9182	.22826	2.5641	.81323	2.1080	9.1494	83.638	

Sample Name: S5 Acquired: 6/25/2018 12:55:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.6	1765.8	53267.	6890.3	2826.0
Stddev	4.6	9.6	82.	50.7	4.9
%RSD	.26085	.54211	.15379	.73552	.17382
#1	1780.9	1767.7	53289.	6845.4	2822.0
#2	1772.2	1774.2	53336.	6945.2	2831.4
#3	1773.7	1755.4	53177.	6880.2	2824.5

Sample Name: S6 Acquired: 6/25/2018 12:59:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	57.646	21.239	8.0690	3.5162	5.3192
Stddev	.158	.094	.0206	.0102	.0306
%RSD	.27368	.44184	.25551	.29038	.57429

#1	57.702	21.175	8.0578	3.5116	5.3029
#2	57.468	21.195	8.0563	3.5090	5.3002
#3	57.769	21.347	8.0927	3.5278	5.3544

Int. Std.	Y_3710
Units	Cts/S
Avg	6773.0
Stddev	35.3
%RSD	.52144

#1	6792.6
#2	6794.1
#3	6732.2

Sample Name: ICV Acquired: 6/25/2018 13:10:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9759374	1.094782	1.024389	1.009219	.9611084	2.430329
Stddev	.0064547	.004374	.002855	.004743	.0044981	.003151
%RSD	.6613854	.3995252	.2786894	.4699808	.4680152	.1296733

#1	.9717263	1.094901	1.024016	1.014522	.9637050	2.433656
#2	.9727173	1.090350	1.027412	1.005381	.9559144	2.427388
#3	.9833687	1.099095	1.021738	1.007755	.9637058	2.429943

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5299092	.5220419	.5100291	10.38390	.5375943	.5051272
Stddev	.0011492	.0036503	.0020939	.11127	.0005111	.0008574
%RSD	.2168688	.6992431	.4105489	1.071584	.0950644	.1697286

#1	.5304435	.5184631	.5090012	10.25669	.5370567	.5042058
#2	.5306940	.5219028	.5086477	10.46315	.5380739	.5052744
#3	.5285901	.5257598	.5124383	10.43187	.5376522	.5059014

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5373056	5.083700	.5479873	5.855013	.5226098	.5086677
Stddev	.0020100	.015798	.0041520	.069407	.0015406	.0009419
%RSD	.3740830	.3107564	.7576738	1.185424	.2947979	.1851703

#1	.5394858	5.066415	.5436816	5.777879	.5224540	.5085733
#2	.5369044	5.097391	.5519662	5.874739	.5211529	.5096533
#3	.5355264	5.087294	.5483143	5.912422	.5242224	.5077766

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.985112	.5377742	1.024243	10.01795	F .0139848	F .0063788
Stddev	.090035	.0054188	.009276	.00519	.0008417	.0006357
%RSD	.9016917	1.007639	.9056624	.0517597	6.018739	9.965696

#1	9.891016	.5355630	1.020564	10.01641	.0144687	.0069384
#2	9.993874	.5439489	1.017370	10.01371	.0144729	.0056876
#3	10.07045	.5338105	1.034794	10.02373	.0130129	.0065103

Sample Name: ICV Acquired: 6/25/2018 13:10:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0002012	-.007908	.0006195	F -.000960	-.000380	.0017228
Stddev	.0001477	.005789	.0020635	.000243	.001604	.0005477
%RSD	73.40393	73.21214	333.0837	25.30793	421.8845	31.79309

#1	.0000668	-.010251	.0012389	-.000714	-.000990	.0021959
#2	.0003593	-.012158	-.001683	-.000967	-.001589	.0018497
#3	.0001775	-.001314	.002302	-.001200	.001439	.0011227

Elem	Sr4077
Units	ppm
Avg	.0124323
Stddev	.0000402
%RSD	.3235643

#1	.0123901
#2	.0124365
#3	.0124702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.471	2236.365	60624.97	7343.397	3830.828
Stddev	13.352	4.200	68.27	60.473	9.841
%RSD	.6162971	.1877871	.1126028	.8235041	.2569018

#1	2169.385	2233.047	60682.08	7405.258	3830.047
#2	2178.126	2241.086	60643.47	7340.519	3841.037
#3	2151.903	2234.961	60549.36	7284.415	3821.400

Sample Name: ICB Acquired: 6/25/2018 13:25:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018907	.0002052	-.000946	.0010151	-.001199	.0028877	-.000963
Stddev	.0032624	.0043311	.001160	.0015542	.001507	.0052212	.000495
%RSD	172.5480	2110.655	122.6232	153.1150	125.6007	180.8094	51.37194

#1	-.000642	-.000248	.000184	.0022636	-.000715	-.003093	-.001165
#2	.000742	.004745	-.000887	-.000726	-.002889	.006538	-.000399
#3	.005572	-.003881	-.002134	.001507	.000005	.005218	-.001324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000501	-.000008	.0038045	.0000823	.0002414	.0016695	-.011655
Stddev	.0000395	.000097	.0086388	.0001120	.0002544	.0006014	.018267
%RSD	78.77759	1263.318	227.0689	136.0192	105.3727	36.02272	156.7339

#1	.0000435	-.000115	.0044361	-.000044	.0005255	.0020145	-.020799
#2	.0000144	.000076	.0121101	.000169	.0000349	.0020190	-.023545
#3	.0000925	.000016	-.005133	.000122	.0001638	.0009751	.009379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	-.029491	-.000049	.0001683	-.182341	.0003440	.0015573
Stddev	.000475	.022221	.000427	.0001353	.028543	.0023260	.0051061
%RSD	582.0928	75.34810	866.1051	80.38879	15.65388	676.1677	327.8861

#1	-.000630	-.048488	.000153	.0003241	-.157629	.0003141	-.003804
#2	.000202	-.034931	-.000540	.0000808	-.213584	-.001967	.002112
#3	.000183	-.005056	.000240	.0001000	-.175809	.002685	.006363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072743	.0006138	-.000549	-.000118	-.012712	-.001906	-.000866
Stddev	.039794	.0004675	.000741	.000132	.000913	.000664	.000475
%RSD	54.70497	76.16015	135.0822	111.9290	7.178170	34.81417	54.84648

#1	-.053440	.0010578	-.000436	-.000099	-.013747	-.001742	-.000933
#2	-.046282	.0006579	.000130	.000004	-.012366	-.001340	-.001303
#3	-.118506	.0001259	-.001340	-.000258	-.012024	-.002636	-.000361

Sample Name: ICB Acquired: 6/25/2018 13:25:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007070	.0012451	.0000079
Stddev	.0002323	.0002615	.0000990
%RSD	32.85319	21.00017	1258.623

#1	.0007041	.0014147	.0000873
#2	.0009408	.0013766	-.000103
#3	.0004762	.0009440	.000039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.242	2241.207	61386.86	7269.792	3890.517
Stddev	33.734	6.159	638.97	25.925	6.046
%RSD	1.536005	.2748209	1.040895	.3566063	.1554048

#1	2170.607	2235.265	60995.05	7289.200	3889.174
#2	2234.459	2247.563	62124.20	7240.350	3897.122
#3	2183.661	2240.792	61041.33	7279.825	3885.256

Sample Name: ICSA Acquired: 6/25/2018 13:29:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037256	-.003727	-.006100	-.019906	.0044291	254.0207
Stddev	.0059643	.002489	.002665	.005055	.0013979	.8637
%RSD	160.0903	66.79222	43.68342	25.39549	31.56175	.3400232

#1	.0002045	-.002963	-.005446	-.014072	.0059795	253.0648
#2	.0003603	-.001710	-.003823	-.022648	.0032649	254.7451
#3	.0106120	-.006509	-.009031	-.022997	.0040429	254.2521

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044769	.0010864	-.000180	260.5915	.0531015	.0016720
Stddev	.0002691	.0000091	.000046	1.6442	.0021567	.0003024
%RSD	6.010134	.8410216	25.30998	.6309384	4.061488	18.08608

#1	.0047757	.0010852	-.000179	258.7678	.0506629	.0013744
#2	.0044011	.0010779	-.000135	261.9604	.0547582	.0016625
#3	.0042539	.0010961	-.000226	261.0464	.0538835	.0019790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004821	106.8164	.0121415	266.0177	.0009877	-.000685
Stddev	.001154	.7521	.0005632	1.8566	.0002983	.000659
%RSD	23.93382	.7041012	4.638581	.6979196	30.19933	96.24203

#1	-.005018	105.9998	.0124975	263.8740	.0013275	.000026
#2	-.005863	106.9689	.0124348	267.1073	.0007694	-.000804
#3	-.003581	107.4806	.0114922	267.0719	.0008661	-.001276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1305953	.0012173	-.000169	-.278826	.0043727	F .0899988
Stddev	.0917022	.0004842	.002824	.004122	.0038161	.0023155
%RSD	70.21863	39.77552	1672.170	1.478461	87.27127	2.572833

#1	.1774489	.0017685	.000272	-.278136	-.000033	.0885714
#2	.1894049	.0008609	-.003187	-.283250	.006647	.0887546
#3	.0249319	.0010223	.002408	-.275092	.006504	.0926705

Sample Name: ICSA Acquired: 6/25/2018 13:29:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011423	.0089038	-.006551	-.005791	-.001581	.0028830
Stddev	.0001770	.0018681	.001704	.000817	.001495	.0008839
%RSD	15.49152	20.98037	26.01029	14.10894	94.55428	30.65993

#1	.0009698	.0077865	-.006793	-.006308	-.000136	.0038646
#2	.0013234	.0078645	-.008121	-.004849	-.001486	.0021499
#3	.0011337	.0110604	-.004739	-.006217	-.003122	.0026345

Elem	Sr4077
Units	ppm
Avg	.1075675
Stddev	.0004271
%RSD	.3970103

#1	.1079637
#2	.1076236
#3	.1071152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.164	2054.608	54764.83	7084.462	3228.579
Stddev	76.662	22.436	1878.04	37.591	34.057
%RSD	3.949264	1.092001	3.429285	.5306182	1.054851

#1	2029.506	2038.428	56932.76	7088.716	3201.077
#2	1892.110	2080.221	53726.46	7044.925	3266.673
#3	1901.877	2045.176	53635.26	7119.746	3217.986

Sample Name: ICSAB Acquired: 6/25/2018 13:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994949	.1004176	.0445499	.0269448	.6019429	249.4207
Stddev	.0023486	.0015501	.0016426	.0025410	.0041949	1.0444
%RSD	2.360541	1.543616	3.687054	9.430490	.6968975	.4187115

#1	.1019439	.1020674	.0451355	.0280047	.5989741	248.2368
#2	.0992793	.1001939	.0426947	.0287844	.6001125	250.2113
#3	.0972616	.0989916	.0458194	.0240455	.6067419	249.8139

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5408690	.5243779	1.040986	253.9002	.5825207	.5200480
Stddev	.0011356	.0029028	.002033	1.0150	.0004633	.0026050
%RSD	.2099650	.5535621	.1953025	.3997773	.0795254	.5009120

#1	.5396084	.5273717	1.043223	252.7959	.5824699	.5229468
#2	.5411863	.5215756	1.039250	254.7924	.5820850	.5192939
#3	.5418122	.5241863	1.040486	254.1125	.5830073	.5179032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5227172	104.3846	.5458918	258.9211	1.055218	.2092898
Stddev	.0027493	.3699	.0039765	1.1407	.001336	.0010095
%RSD	.5259598	.3544053	.7284482	.4405400	.1266545	.4823660

#1	.5250604	103.9590	.5422970	257.6048	1.056315	.2104502
#2	.5196907	104.6294	.5452153	259.5387	1.053729	.2088053
#3	.5234005	104.5653	.5501633	259.6198	1.055608	.2086138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647491	.5348391	1.031423	-.394754	.0093831	F .0883127
Stddev	.0857273	.0066527	.011902	.040686	.0028382	.0017557
%RSD	132.3991	1.243863	1.153982	10.30673	30.24803	1.988036

#1	-.010110	.5289367	1.025958	-.393122	.0111933	.0863198
#2	.158270	.5335326	1.045077	-.354909	.0108440	.0896314
#3	.046087	.5420481	1.023235	-.436232	.0061121	.0889867

Sample Name: ICSAB Acquired: 6/25/2018 13:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026235	-.000274	-.003839	-.005829	-.002192	.0029372
Stddev	.0002105	.005647	.001525	.001495	.000363	.0007292
%RSD	8.024980	2060.901	39.71888	25.65702	16.56410	24.82619

#1	.0024888	.005389	-.004605	-.004104	-.002295	.0029083
#2	.0028661	-.005904	-.002083	-.006612	-.002492	.0022229
#3	.0025156	-.000308	-.004830	-.006770	-.001788	.0036804

Elem	Sr4077
Units	ppm
Avg	.1062451
Stddev	.0001508
%RSD	.1419687

#1	.1061558
#2	.1064193
#3	.1061603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.524	2021.836	56306.62	7148.261	3200.696
Stddev	17.849	10.894	205.76	27.511	11.205
%RSD	.8993908	.5388192	.3654355	.3848568	.3500930

#1	2005.059	2021.931	56373.90	7177.497	3203.605
#2	1972.735	2032.682	56075.63	7122.882	3210.161
#3	1975.778	2010.894	56470.32	7144.406	3188.324

Sample Name: CCV035 Acquired: 6/25/2018 13:37:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799636	4.634077	23.78202	4.714291	4.873355	420.8094	9.861308
Stddev	.048600	.047644	.24165	.041981	.044636	2.3082	.056115
%RSD	1.012577	1.028125	1.016121	.8905138	.9159263	.5485035	.5690384

#1	4.761030	4.615287	23.54599	4.692293	4.836141	420.7640	9.876200
#2	4.854212	4.688251	24.02893	4.762700	4.922845	423.1399	9.908474
#3	4.783666	4.598693	23.77115	4.687881	4.861078	418.5243	9.799249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4824944	2.383295	411.0663	14.62663	2.404451	14.77880	423.6581
Stddev	.0004464	.021734	2.4427	.06104	.025437	.07970	2.5931
%RSD	.0925110	.9119220	.5942340	.4173147	1.057896	.5392857	.6120813

#1	.4828003	2.363014	409.7667	14.65793	2.379784	14.82242	423.0094
#2	.4827006	2.406236	413.8840	14.55629	2.430593	14.82717	426.5139
#3	.4819822	2.380635	409.5480	14.66568	2.402976	14.68681	421.4509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.36118	407.9779	2.433086	1.226517	414.8835	2.421216	14.52980
Stddev	.10163	2.0566	.021824	.008493	1.9587	.017643	.09991
%RSD	.7076427	.5040952	.8969737	.6924171	.4721142	.7286775	.6876550

#1	14.31928	407.1023	2.411032	1.236066	414.9547	2.412369	14.61756
#2	14.47706	410.3274	2.454673	1.219809	416.8056	2.441532	14.42106
#3	14.28721	406.5040	2.433553	1.223676	412.8901	2.409747	14.55077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.3860	4.904420	4.915227	4.798785	4.885249	4.776758	4.833593
Stddev	.3371	.040561	.022843	.038728	.040413	.012477	.048996
%RSD	.2271832	.8270276	.4647467	.8070368	.8272469	.2612021	1.013646

#1	148.5209	4.888861	4.934444	4.765451	4.850041	4.785840	4.784360
#2	148.6347	4.950457	4.921266	4.841268	4.929377	4.781901	4.882347
#3	148.0023	4.873942	4.889971	4.789636	4.876328	4.762531	4.834071

Sample Name: CCV035 Acquired: 6/25/2018 13:37:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.854527	4.962396	4.900873
Stddev	.023718	.032848	.016148
%RSD	.4885838	.6619458	.3294991

#1	4.845372	4.947903	4.911695
#2	4.881459	4.999998	4.908612
#3	4.836752	4.939286	4.882311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.277	1810.745	52873.18	6872.248	2826.803
Stddev	11.557	14.172	220.95	13.741	25.173
%RSD	.6384211	.7826823	.4178930	.1999460	.8904941

#1	1797.377	1820.155	52669.88	6872.250	2849.516
#2	1819.686	1794.445	53108.33	6858.506	2799.738
#3	1813.770	1817.635	52841.33	6885.988	2831.155

Sample Name: CCB035 Acquired: 6/25/2018 13:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019767	-.000226	-.002146	-.000385	.0003853	.0097862	-.001657
Stddev	.0022577	.001333	.000956	.003156	.0010430	.0028223	.000665
%RSD	114.2176	589.1793	44.51876	819.8130	270.7315	28.83959	40.14283

#1	.0034437	-.000165	-.003112	-.002795	-.000085	.0128735	-.001534
#2	-.000623	.001075	-.002125	-.001547	.001581	.0091465	-.002374
#3	.003110	-.001589	-.001201	.003188	-.000339	.0073387	-.001062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000888	.0000099	.0110137	.0000004	.0002112	.0018898	.0040125
Stddev	.0000630	.0000290	.0142620	.0004302	.0002473	.0013438	.0100410
%RSD	70.94075	291.7467	129.4932	117968.7	117.0601	71.11172	250.2420

#1	.0000275	.0000219	-.005019	.0004971	.0001593	.0032262	-.000320
#2	.0000856	.0000311	.022290	-.000248	.0004804	.0005386	-.003135
#3	.0001534	-.000023	.015770	-.000248	-.000006	.0019046	.015492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003039	-.010621	-.000031	-.000173	-.030089	.0009452	.0024331
Stddev	.0007173	.014827	.000529	.000036	.293158	.0015116	.0044742
%RSD	236.0069	139.5953	1718.540	20.96083	974.3128	159.9256	183.8865

#1	-.000519	-.007692	.000272	-.000131	-.263920	.0009974	-.002310
#2	.000796	-.026695	-.000642	-.000191	.298802	-.000592	.003032
#3	.000635	.002522	.000277	-.000196	-.125148	.002430	.006578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228053	.0018590	.0037742	-.000022	-.018571	-.003469	-.000846
Stddev	.0184865	.0013797	.0007834	.000464	.004656	.000885	.000595
%RSD	81.06252	74.21555	20.75568	2086.887	25.07030	25.50803	70.32545

#1	.0178885	.0034520	.0036030	.000459	-.015597	-.003047	-.000495
#2	.0072742	.0010463	.0030906	-.000058	-.016180	-.002873	-.001533
#3	.0432531	.0010787	.0046290	-.000468	-.023937	-.004485	-.000510

Sample Name: CCB035 Acquired: 6/25/2018 13:41:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019752	.0002797	.0000010
Stddev	.0013819	.0029060	.0000699
%RSD	69.96587	1038.996	6693.631

#1	.0008683	.0021691	.0000027
#2	.0035240	-.003067	-.000070
#3	.0015331	.001736	.000070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.723	2203.589	60296.28	7251.475	3849.102
Stddev	4.803	5.920	100.32	18.234	6.963
%RSD	.2256213	.2686714	.1663847	.2514454	.1809099

#1	2123.181	2209.369	60299.42	7259.050	3854.641
#2	2131.663	2203.862	60194.42	7230.675	3851.380
#3	2131.326	2197.537	60395.00	7264.700	3841.285

Sample Name: PB110305BL Acquired: 6/25/2018 13:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013614	-.002546	-.001649	-.001039	-.000418	.0056618	-.001683
Stddev	.0037889	.001469	.000871	.002544	.000657	.0050670	.000487
%RSD	278.3192	57.68609	52.82003	244.8184	157.1871	89.49530	28.90740

#1	-.002825	-.003986	-.000660	.001160	-.000036	.0066017	-.002096
#2	.004555	-.001050	-.001986	-.003826	-.000041	.0001906	-.001147
#3	.002355	-.002604	-.002301	-.000452	-.001177	.0101930	-.001806

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000759	.0000487	-.003486	-.000097	.0000776	-.001953	-.002990
Stddev	.0000181	.0000387	.013627	.000232	.0003113	.002099	.004325
%RSD	23.82268	79.42714	390.8501	239.8860	401.2893	107.4587	144.6550

#1	.0000961	.0000928	.006866	.000064	-.000282	-.001908	-.006812
#2	.0000705	.0000204	.001600	.000008	.000259	.000123	.001705
#3	.0000612	.0000330	-.018925	-.000362	.000255	-.004074	-.003863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002765	-.006064	-.000101	.0000406	-.142134	-.002880	.0082623
Stddev	.0016959	.045459	.000196	.0001069	.176078	.003051	.0038928
%RSD	613.3836	749.6484	193.2972	263.4761	123.8819	105.9537	47.11522

#1	.0018578	-.049726	.000103	-.000053	-.345447	-.006400	.0123232
#2	.0004862	.041001	-.000120	.000018	-.039412	-.001242	.0079011
#3	-.001515	-.009467	-.000288	.000157	-.041542	-.000997	.0045627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.043873	.0015085	.0003364	.0001920	-.018836	-.002598	-.000687
Stddev	.055538	.0003612	.0003004	.0002713	.003279	.000899	.000730
%RSD	126.5886	23.94268	89.29117	141.2783	17.40884	34.58551	106.2193

#1	-.069111	.0015229	.0003668	-.000034	-.021211	-.003579	-.000392
#2	-.082309	.0011404	.0000220	.000493	-.015095	-.002401	-.000151
#3	.019803	.0018623	.0006205	.000117	-.020202	-.001815	-.001518

Sample Name: PB110305BL Acquired: 6/25/2018 13:45:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000556	-.000348	-.000008
Stddev	.000944	.000635	.000061
%RSD	169.7838	182.2803	735.2965

#1	-.001446	-.001070	-.000070
#2	-.000657	-.000098	.000051
#3	.000435	.000123	-.000005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.256	2203.792	60627.70	7278.125	3857.037
Stddev	10.699	7.879	70.70	14.535	17.610
%RSD	.4975477	.3575166	.1166137	.1997134	.4565808

#1	2145.900	2210.653	60702.21	7261.375	3872.030
#2	2162.445	2205.535	60619.33	7285.575	3861.439
#3	2142.422	2195.187	60561.55	7287.425	3837.644

Sample Name: J3403-01 Acquired: 6/25/2018 13:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1281770	-.010232	1.370667	-.033556	.0071383	90.06036	1.279392
Stddev	.0065268	.002486	.011307	.003677	.0019172	4.66410	.064313
%RSD	5.091985	24.29671	.8249280	10.95653	26.85810	5.178859	5.026834

#1	.1220598	-.010811	1.358206	-.033636	.0093415	95.16110	1.349849
#2	.1350479	-.007507	1.373524	-.029840	.0062247	86.01310	1.223842
#3	.1274233	-.012377	1.380272	-.037192	.0058488	89.00689	1.264485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068847	.0393170	173.6132	.1495782	.0818047	.4894181	194.2080
Stddev	.0002585	.0007323	9.2671	.0006232	.0008107	.0266558	10.2506
%RSD	3.754720	1.862475	5.337766	.4166677	.9910398	5.446431	5.278177

#1	.0071770	.0384748	183.6176	.1492937	.0808893	.5193452	205.3240
#2	.0066863	.0398038	165.3228	.1502929	.0824320	.4682248	185.1285
#3	.0067909	.0396723	171.8992	.1491480	.0820929	.4806842	192.1714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629677	46.94557	.1174678	.0075722	2.067719	.4415371	1.122339
Stddev	.237719	2.36770	.0019433	.0008533	.278067	.0246882	.013789
%RSD	5.134669	5.043492	1.654303	11.26931	13.44800	5.591419	1.228581

#1	4.883883	49.45625	.1152272	.0084851	2.293919	.4677697	1.117070
#2	4.412882	44.75304	.1186927	.0067945	1.757271	.4187566	1.111962
#3	4.592265	46.62741	.1184836	.0074371	2.151966	.4380851	1.137986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.55795	7.914374	.2248838	.0066310	2.785497	32.56636	.0088516
Stddev	1.22666	.091157	.0121656	.0004162	.051926	1.31580	.0003609
%RSD	5.207006	1.151791	5.409727	6.275974	1.864154	4.040357	4.077186

#1	24.88064	7.809211	.2380186	.0066935	2.727206	34.00908	.0091971
#2	22.45776	7.963064	.2140025	.0061871	2.802479	31.43241	.0088806
#3	23.33545	7.970848	.2226303	.0070124	2.826806	32.25758	.0084770

Sample Name: J3403-01 Acquired: 6/25/2018 13:58:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.422813	.1062781	.5691649
Stddev	.183793	.0053721	.0281493
%RSD	5.369637	5.054759	4.945712

#1	3.623427	.1115284	.6001878
#2	3.262545	.1007920	.5452532
#3	3.382469	.1065139	.5620537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.859	2285.057	64615.60	8000.240	3378.490
Stddev	18.884	9.719	433.94	332.325	23.889
%RSD	.8315669	.4253347	.6715703	4.153934	.7071017

#1	2250.925	2295.771	64177.51	7644.847	3405.137
#2	2288.479	2282.593	65045.27	8303.283	3371.345
#3	2273.174	2276.807	64624.00	8052.590	3358.989

Sample Name: J3403-04 Acquired: 6/25/2018 14:02:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1213290	-.012124	1.340432	-.032145	.0077963	89.54652	1.289923
Stddev	.0017823	.004986	.008277	.005410	.0007317	.17899	.002891
%RSD	1.469014	41.12463	.6174877	16.83100	9.384855	.1998866	.2241540

#1	.1233775	-.016445	1.331001	-.031028	.0080340	89.74937	1.292788
#2	.1204766	-.006669	1.346489	-.038027	.0083795	89.47941	1.289973
#3	.1201330	-.013258	1.343806	-.027381	.0069753	89.41078	1.287006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069181	.0385341	182.5405	.1496309	.0798660	.4924965	192.7896
Stddev	.0000849	.0001963	.2107	.0008469	.0010457	.0052403	.1988
%RSD	1.226987	.5095038	.1154497	.5659683	1.309295	1.064024	.1031408

#1	.0068224	.0384154	182.6970	.1486810	.0794194	.4916663	192.9864
#2	.0069477	.0387607	182.6236	.1499051	.0810608	.4877209	192.5888
#3	.0069843	.0384262	182.3009	.1503067	.0791178	.4981024	192.7938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.557341	46.38674	.1141631	.0076261	2.013718	.4366413	1.118247
Stddev	.012301	.09823	.0001190	.0001858	.068138	.0046358	.000981
%RSD	.2699146	.2117720	.1042505	2.436357	3.383698	1.061685	.0877441

#1	4.562644	46.49953	.1141655	.0076505	1.961478	.4419206	1.118862
#2	4.543278	46.34078	.1140429	.0077985	1.988886	.4347675	1.118763
#3	4.566102	46.31992	.1142809	.0074293	2.090790	.4332357	1.117115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.47699	7.714050	.2269678	.0066864	2.780331	32.25894	.0075314
Stddev	.04450	.061145	.0006818	.0005024	.023385	.05131	.0001916
%RSD	.1895431	.7926414	.3004054	7.513130	.8410991	.1590655	2.543765

#1	23.48801	7.668918	.2264797	.0061795	2.763167	32.31790	.0074131
#2	23.51495	7.783637	.2266769	.0066955	2.806966	32.23455	.0074286
#3	23.42802	7.689594	.2277468	.0071841	2.770860	32.22437	.0077524

Sample Name: J3403-04 Acquired: 6/25/2018 14:02:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.415119	.1049591	.5874549
Stddev	.007490	.0008562	.0009447
%RSD	.2193307	.8157631	.1608105

#1	3.423630	.1053937	.5864368
#2	3.409528	.1039727	.5876246
#3	3.412199	.1055109	.5883032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.683	2316.903	64541.87	8017.901	3428.622
Stddev	16.697	1.875	393.15	14.339	11.062
%RSD	.7366102	.0809078	.6091409	.1788371	.3226326

#1	2285.943	2319.059	64980.05	8003.700	3438.328
#2	2257.800	2315.990	64220.00	8017.629	3416.578
#3	2256.305	2315.659	64425.56	8032.374	3430.961

Sample Name: J3403-05 Acquired: 6/25/2018 14:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2084403	.0942833	1.375129	.0708832	.2167013	90.92199	5.795528
Stddev	.0029274	.0050877	.007000	.0049146	.0008486	.07170	.008905
%RSD	1.404405	5.396188	.5090783	6.933424	.3915758	.0788640	.1536468

#1	.2080938	.0891202	1.380619	.0665611	.2176699	90.87243	5.798135
#2	.2057016	.0944375	1.367246	.0698593	.2163446	90.88934	5.802839
#3	.2115255	.0992921	1.377523	.0762291	.2160893	91.00421	5.785611

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1128845	.1550176	175.2114	.5875648	1.269549	1.044543	188.8197
Stddev	.0015779	.0008892	.7304	.0033840	.005310	.001743	.6382
%RSD	1.397793	.5735839	.4168629	.5759364	.4182780	.1668993	.3379963

#1	.1111659	.1556449	174.4406	.5836637	1.274026	1.045118	188.0941
#2	.1142678	.1540000	175.3005	.5897094	1.263682	1.045926	189.0714
#3	.1132198	.1554078	175.8932	.5893212	1.270939	1.042584	189.2938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.531719	44.96300	1.333536	.1120487	2.080445	1.553269	2.191224
Stddev	.034034	.15647	.008658	.0014051	.107646	.004712	.017661
%RSD	.6152474	.3480040	.6492636	1.254003	5.174177	.3033758	.8059726

#1	5.497047	45.13096	1.341250	.1104718	2.151223	1.558393	2.200344
#2	5.533032	44.93668	1.324171	.1125061	2.133547	1.549121	2.170868
#3	5.565077	44.82136	1.335187	.1131680	1.956566	1.552295	2.202460

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.88060	7.685215	.2229878	.0069697	2.765775	31.08260	.0086634
Stddev	.05774	.054518	.0036873	.0004270	.017077	.41970	.0005347
%RSD	.2523328	.7093866	1.653573	6.126927	.6174435	1.350260	6.172073

#1	22.89727	7.748005	.2272202	.0072912	2.783467	30.59912	.0091873
#2	22.81637	7.649917	.2212728	.0071327	2.764472	31.35317	.0086846
#3	22.92818	7.657722	.2204703	.0064852	2.749387	31.29550	.0081185

Sample Name: J3403-05 Acquired: 6/25/2018 14:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.307360	.1038643	.5701461
Stddev	.008023	.0019942	.0012741
%RSD	.2425881	1.919975	.2234724

#1	3.298241	.1016951	.5714786
#2	3.313336	.1056179	.5700198
#3	3.310503	.1042800	.5689398

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.667	2279.539	63908.06	8058.856	3385.314
Stddev	7.019	11.669	252.53	13.368	20.910
%RSD	.3131199	.5118939	.3951422	.1658807	.6176661

#1	2244.989	2267.774	63945.63	8044.897	3367.244
#2	2246.408	2291.110	64139.69	8071.543	3408.218
#3	2233.603	2279.733	63638.85	8060.128	3380.482

Sample Name: J3403-01LX5 Acquired: 6/25/2018 14:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306600	-.001453	.2587851	-.010659	.0014624	17.27317	.2515116
Stddev	.0030448	.001540	.0039461	.001635	.0014406	.67107	.0099330
%RSD	9.930692	106.0349	1.524839	15.33705	98.50830	3.885065	3.949307

#1	.0340938	-.002453	.2544863	-.008841	.0021035	16.52732	.2403347
#2	.0282895	.000321	.2622429	-.011130	.0024711	17.46410	.2548704
#3	.0295966	-.002226	.2596260	-.012008	-.000187	17.82809	.2593297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015208	.0073059	34.78046	.0323095	.0147384	.0955120	37.15988
Stddev	.0000462	.0001745	1.25653	.0002206	.0001669	.0034109	1.59464
%RSD	3.038098	2.387873	3.612759	.6826771	1.132338	3.571195	4.291291

#1	.0015664	.0075067	33.40378	.0323409	.0145463	.0916437	35.39866
#2	.0014740	.0072194	35.07200	.0325126	.0148477	.0968045	37.57525
#3	.0015220	.0071916	35.86560	.0320749	.0148211	.0980878	38.50573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9087947	9.108667	.0215339	.0016294	.3185321	.0829075	.2233642
Stddev	.0409638	.352399	.0006431	.0002867	.1353185	.0019839	.0052411
%RSD	4.507491	3.868835	2.986526	17.59605	42.48190	2.392868	2.346446

#1	.8633160	8.731027	.0221118	.0018271	.3826856	.0824400	.2178019
#2	.9202735	9.166239	.0216487	.0013006	.1630684	.0811992	.2240800
#3	.9427947	9.428736	.0208411	.0017605	.4098422	.0850834	.2282106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.426508	1.443239	.0372303	.0014742	.4968055	6.706062	.0016848
Stddev	.191890	.010266	.0055946	.0000464	.0070576	.065970	.0020112
%RSD	4.335028	.7113241	15.02686	3.150937	1.420599	.9837425	119.3756

#1	4.206091	1.443742	.0316104	.0015157	.4931503	6.782236	.0037663
#2	4.517117	1.453243	.0372815	.0014830	.5049410	6.667474	-.000248
#3	4.556316	1.432730	.0427991	.0014240	.4923252	6.668476	.001536

Sample Name: J3403-01LX5 Acquired: 6/25/2018 14:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6694277	.0202521	.1143374
Stddev	.0277579	.0018051	.0048703
%RSD	4.146516	8.913037	4.259617

#1	.6378697	.0181714	.1088002
#2	.6803517	.0213995	.1162549
#3	.6900617	.0211853	.1179571

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.089	2191.632	61596.00	7550.867	3665.931
Stddev	8.657	11.413	89.18	72.735	21.334
%RSD	.3967404	.5207670	.1447894	.9632644	.5819513

#1	2174.440	2199.413	61508.85	7468.350	3682.329
#2	2191.487	2178.530	61592.08	7605.675	3641.811
#3	2180.339	2196.953	61687.09	7578.575	3673.651

Sample Name: PB110510BL Acquired: 6/25/2018 14:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009535	-.002681	-.001210	-.001681	-.001158	-.008308	-.003149
Stddev	.0046744	.000429	.001802	.002203	.000520	.000849	.000409
%RSD	490.2074	16.01458	148.8535	131.0300	44.90776	10.21448	12.98984

#1	-.000344	-.002797	-.002945	-.003491	-.001755	-.009163	-.002766
#2	.006140	-.003041	.000652	.000772	-.000799	-.007466	-.003580
#3	-.002935	-.002206	-.001338	-.002325	-.000921	-.008297	-.003102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000737	.0000674	-.004143	-.000029	.0003998	-.000216	.0020811
Stddev	.0000192	.0000614	.014470	.000034	.0001988	.000358	.0134583
%RSD	26.09740	91.08675	349.2481	118.8286	49.71498	165.4342	646.6972

#1	.0000543	-.000002	-.013001	-.000063	.0002737	-.000577	.0157864
#2	.0000740	.000090	-.011983	.000005	.0006290	-.000212	-.011116
#3	.0000928	.000114	.012555	-.000028	.0002968	.000140	.001573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005063	-.035784	-.000501	.0002218	-.182649	.0021204	.0049399
Stddev	.0009249	.020000	.000199	.0002691	.107251	.0027432	.0040423
%RSD	182.7001	55.89056	39.72506	121.2892	58.71979	129.3709	81.83047

#1	.0014519	-.057936	-.000272	.0003818	-.131683	.0052483	.0092973
#2	.0004632	-.019056	-.000598	.0003725	-.110384	.0001234	.0042103
#3	-.000396	-.030359	-.000632	-.000089	-.305879	.0009896	.0013120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093467	.0024160	-.004512	.0000772	-.006078	-.002827	-.000814
Stddev	.025135	.0031291	.000722	.0001980	.005941	.000183	.001113
%RSD	26.89233	129.5194	15.99269	256.3508	97.74820	6.476682	136.7216

#1	-.095499	.0026545	-.004528	.0002869	-.000277	-.003028	-.001175
#2	-.117524	-.000826	-.005224	.0000515	-.005807	-.002782	.000435
#3	-.067377	.005419	-.003782	-.000107	-.012150	-.002671	-.001702

Sample Name: PB110510BL Acquired: 6/25/2018 14:37:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005153	.0001580	-.000061
Stddev	.0004178	.0009269	.000036
%RSD	81.07449	586.4976	57.86530

#1	.0009961	-.000890	-.000020
#2	.0003086	.000870	-.000082
#3	.0002412	.000494	-.000082

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.385	2152.622	59638.91	7275.025	3772.895
Stddev	8.630	14.742	259.57	21.110	29.559
%RSD	.4105021	.6848432	.4352426	.2901687	.7834657

#1	2092.479	2165.043	59346.29	7295.400	3794.761
#2	2106.396	2156.492	59841.43	7276.425	3784.660
#3	2108.280	2136.331	59729.01	7253.250	3739.265

Sample Name: PB110510BS Acquired: 6/25/2018 14:41:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226798	.0597716	.0231756	.0861543	.1426623	.4773959
Stddev	.0022993	.0011428	.0010342	.0016464	.0007049	.0092561
%RSD	10.13814	1.911973	4.462352	1.910979	.4940817	1.938862

#1	.0201148	.0593415	.0226498	.0846539	.1418489	.4868649
#2	.0245560	.0610671	.0243670	.0879156	.1430936	.4683686
#3	.0233685	.0589063	.0225099	.0858934	.1430444	.4769543

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4835537	.0120492	.0117592	11.92296	.0255588	.1142541
Stddev	.0033171	.0001069	.0001565	.14980	.0003772	.0007309
%RSD	.6859836	.8868241	1.330712	1.256433	1.475673	.6396668

#1	.4872680	.0120766	.0119389	12.04289	.0255583	.1147593
#2	.4825067	.0119313	.0116854	11.75504	.0259362	.1134161
#3	.4808865	.0121397	.0116532	11.97094	.0251818	.1145869

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647603	.2293695	.0380612	11.46911	.0989047	.0229734
Stddev	.0013557	.0083628	.0002826	.24248	.0003743	.0002196
%RSD	2.093475	3.645986	.7424488	2.114203	.3784435	.9560614

#1	.0654206	.2347825	.0378211	11.57906	.0991174	.0230862
#2	.0656594	.2335884	.0379899	11.19113	.0984725	.0231138
#3	.0632009	.2197377	.0383727	11.63713	.0991241	.0227203

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.45510	.1298642	.1362170	11.58375	F .0325029	F .0197506
Stddev	.09772	.0051689	.0148725	.11465	.0034111	.0000746
%RSD	.8530524	3.980207	10.91823	.9897758	10.49475	.3779813

#1	11.34231	.1357843	.1457644	11.70530	.0318028	.0196699
#2	11.50878	.1262473	.1190810	11.47754	.0294962	.0197646
#3	11.51421	.1275610	.1438055	11.56843	.0362097	.0198173

Sample Name: PB110510BS Acquired: 6/25/2018 14:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254206	.1940458	.2327347	F .0159491	.2434227	.1157517
Stddev	.0002129	.0031224	.0023122	.0005452	.0036217	.0029363
%RSD	.8374218	1.609108	.9935003	3.418231	1.487835	2.536677

#1	.0256603	.1970434	.2315073	.0165368	.2462938	.1184203
#2	.0253483	.1942821	.2312951	.0158509	.2393538	.1126062
#3	.0252534	.1908120	.2354019	.0154598	.2446204	.1162286

Elem	Sr4077
Units	ppm
Avg	.2405768
Stddev	.0017301
%RSD	.7191485

#1	.2425676
#2	.2394373
#3	.2397255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.393	2143.717	59909.50	7293.592	3709.730
Stddev	6.226	24.015	97.01	60.918	41.697
%RSD	.2933355	1.120259	.1619208	.8352297	1.123991

#1	2115.436	2116.091	59838.82	7247.983	3661.651
#2	2127.441	2155.449	59869.60	7362.775	3731.534
#3	2124.303	2159.611	60020.10	7270.020	3736.004

Sample Name: J3650-01 Acquired: 6/25/2018 14:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228656	-.000957	-.000432	.0007293	-.000480	.0137647	.0121944
Stddev	.0052989	.002860	.001109	.0029289	.001110	.0147454	.0008985
%RSD	23.17404	298.8528	257.0367	401.6123	231.3713	107.1253	7.367971

#1	.0288080	-.004177	-.001501	-.002535	-.001755	.0165792	.0121466
#2	.0211573	.001286	-.000507	.003128	.000268	-.002185	.0113208
#3	.0186316	.000021	.000713	.001594	.000048	.026900	.0131158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001676	-.000034	69.29239	.0003970	-.000896	.0019635	-.009501
Stddev	.0000525	.000030	4.46584	.0001434	.000240	.0024549	.001496
%RSD	31.35771	87.50358	6.444916	36.13944	26.81852	125.0254	15.74943

#1	.0002092	-.000053	66.44883	.0002387	-.000782	.0042286	-.010957
#2	.0001085	.000000	66.98868	.0005185	-.000735	.0023071	-.007967
#3	.0001850	-.000049	74.43967	.0004337	-.001173	-.000645	-.009580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003329	32.67370	.0028995	.0003067	4.895571	-.001056	.0084239
Stddev	.0006690	2.08701	.0004748	.0003796	.414504	.002417	.0020901
%RSD	200.9560	6.387441	16.37367	123.7754	8.466919	229.0278	24.81196

#1	.0011014	31.32670	.0023532	.0003570	4.916208	-.000289	.0086300
#2	-.000119	31.61663	.0031331	-.000096	4.471134	.000886	.0104033
#3	.000017	35.07775	.0032123	.000659	5.299371	-.003763	.0062383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.693904	.0035362	.0025467	.0010807	46.42347	1.322681	-.004179
Stddev	.043723	.0020771	.0005124	.0001124	.19633	.074582	.000511
%RSD	6.300982	58.73957	20.11998	10.40445	.4229097	5.638736	12.22638

#1	-.741355	.0025569	.0024710	.0009817	46.47682	1.271984	-.004716
#2	-.685110	.0059219	.0020763	.0010574	46.20598	1.287739	-.004124
#3	-.655246	.0021297	.0030927	.0012030	46.58762	1.408320	-.003698

Sample Name: J3650-01 Acquired: 6/25/2018 14:45:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001543	.0103285	1.273177
Stddev	.000371	.0008077	.071170
%RSD	24.06313	7.819958	5.589968

#1	-.001753	.0111273	1.232656
#2	-.001114	.0095122	1.231519
#3	-.001761	.0103460	1.355354

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.112	2250.731	61962.71	7265.344	3880.347
Stddev	12.240	9.868	82.65	402.233	18.027
%RSD	.5530707	.4384144	.1333849	5.536328	.4645785

#1	2202.301	2259.786	61874.72	7537.645	3898.028
#2	2210.633	2252.194	62038.72	7455.047	3881.021
#3	2226.402	2240.214	61974.68	6803.339	3861.992

Sample Name: J3650-02 Acquired: 6/25/2018 14:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0709088	-.000957	.0027710	-.003865	-.002332	.6891903	.0066894
Stddev	.0003429	.001533	.0008207	.002049	.000938	.0069894	.0002855
%RSD	.4835178	160.1072	29.61897	53.00644	40.23416	1.014147	4.268607

#1	.0706199	.000272	.0030617	-.006189	-.002678	.6845971	.0067406
#2	.0712877	-.000470	.0018445	-.002321	-.001270	.6857399	.0063818
#3	.0708190	-.002675	.0034068	-.003086	-.003048	.6972340	.0069459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000912	.0000392	7.727589	.0001593	.0022109	.0023015	1.872639
Stddev	.0000823	.0000222	.161900	.0004096	.0001663	.0012025	.038736
%RSD	90.20889	56.70062	2.095093	257.1627	7.521035	52.24629	2.068512

#1	.0001702	.0000349	7.693298	.0001461	.0021691	.0020479	1.855098
#2	.0000975	.0000633	7.585582	-.000244	.0020696	.0012461	1.845777
#3	.0000060	.0000195	7.903888	.000575	.0023941	.0036106	1.917042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2131350	2.395398	.0024764	.0000733	2.483735	.0023237	.0076305
Stddev	.0052378	.075803	.0004044	.0000917	.145424	.0009031	.0092715
%RSD	2.457507	3.164541	16.32883	125.0101	5.855069	38.86425	121.5058

#1	.2116522	2.368214	.0028664	.0000896	2.463779	.0026237	-.002721
#2	.2087986	2.336936	.0020591	.0001557	2.349320	.0013088	.010442
#3	.2189544	2.481045	.0025037	-.000025	2.638107	.0030387	.015171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.29385	.0295319	-.001543	.0001971	2.464749	1.190906	-.002259
Stddev	.02792	.0018853	.000264	.0000540	.008951	.013340	.000757
%RSD	2.157813	6.383808	17.10665	27.40086	.3631705	1.120176	33.51150

#1	-1.26170	.0279482	-.001614	.0001637	2.461058	1.186382	-.001636
#2	-1.31203	.0290303	-.001251	.0002594	2.458234	1.180416	-.003102
#3	-1.30781	.0316173	-.001764	.0001682	2.474956	1.205920	-.002040

Sample Name: J3650-02 Acquired: 6/25/2018 14:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0071440	.0001323	.0873938
Stddev	.0007160	.0010976	.0011945
%RSD	10.02300	829.8604	1.366829

#1	.0065837	.0005497	.0870973
#2	.0068975	-.001113	.0863755
#3	.0079507	.000960	.0887087

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.591	2310.006	63530.71	7560.175	4035.453
Stddev	8.859	7.683	293.04	88.641	7.804
%RSD	.3901501	.3326052	.4612636	1.172467	.1933979

#1	2268.982	2317.145	63841.77	7606.850	4043.744
#2	2280.144	2310.999	63490.53	7615.725	4034.366
#3	2262.647	2301.875	63259.83	7457.950	4028.249

Sample Name: J3650-03 Acquired: 6/25/2018 14:54:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632116	-.001041	.0004341	-.002435	-.001746	.0546876	.1833170
Stddev	.0011170	.001114	.0000655	.001462	.002014	.0065245	.0018993
%RSD	1.767012	107.0658	15.07851	60.02180	115.3717	11.93041	1.036067

#1	.0621859	-.001510	.0003859	-.002100	-.001455	.0492803	.1816858
#2	.0630474	-.001844	.0004077	-.004035	-.003890	.0619343	.1828630
#3	.0644016	.000231	.0005086	-.001170	.000107	.0528482	.1854021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001365	-.000027	23.53222	.0000885	-.000623	.0012353	.5368418
Stddev	.0000185	.000027	.15879	.0004823	.000116	.0012558	.0094081
%RSD	13.53106	100.7937	.6747641	544.9189	18.53737	101.6553	1.752482

#1	.0001577	-.000056	23.35150	.0001022	-.000603	.0000972	.5311879
#2	.0001273	-.000024	23.64937	.0005638	-.000520	.0025825	.5477022
#3	.0001244	-.000001	23.59579	-.000400	-.000748	.0010263	.5316352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341575	9.411429	.0006659	-.000012	15.44080	.0016722	.0164800
Stddev	.0007579	.103984	.0004115	.000226	.14027	.0044117	.0021599
%RSD	2.218695	1.104871	61.79502	1829.135	.9084146	263.8214	13.10651

#1	.0337590	9.429234	.0007958	.000248	15.46673	-.000665	.0140946
#2	.0350314	9.299692	.0009969	-.000127	15.28938	.006761	.0170421
#3	.0336820	9.505361	.0002052	-.000159	15.56630	-.001079	.0183033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.528080	.0052100	.0267936	.0005063	5.791353	1.942519	-.002137
Stddev	.014388	.0023262	.0005632	.0002458	.118294	.013680	.000939
%RSD	2.724591	44.64922	2.102108	48.55242	2.042595	.7042281	43.94482

#1	-.520514	.0025272	.0264359	.0002905	5.655541	1.933539	-.002159
#2	-.544673	.0064367	.0274429	.0007739	5.871901	1.958263	-.001186
#3	-.519054	.0066662	.0265021	.0004545	5.846617	1.935755	-.003064

Sample Name: J3650-03 Acquired: 6/25/2018 14:54:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000484	.0124195	.9990434
Stddev	.001214	.0006646	.0032574
%RSD	250.9035	5.351452	.3260529

#1	-.000309	.0131689	.9975404
#2	.000633	.0121882	.9968089
#3	-.001776	.0119015	1.002781

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.594	2311.633	62235.47	7583.671	3997.195
Stddev	10.372	22.107	111.14	37.070	32.764
%RSD	.4662230	.9563204	.1785877	.4888109	.8196632

#1	2232.428	2337.130	62363.34	7603.926	4035.005
#2	2228.522	2299.946	62181.00	7540.887	3979.432
#3	2212.832	2297.822	62162.07	7606.200	3977.150

Sample Name: J3650-04 Acquired: 6/25/2018 14:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023286	-.000612	-.000228	-.003867	-.002504	.1123435	.0007219
Stddev	.0035222	.000564	.001595	.001614	.000181	.0026630	.0006548
%RSD	151.2555	92.21112	698.6144	41.74670	7.247540	2.370410	90.71492

#1	-.001627	.000038	.001034	-.005534	-.002338	.1125543	.0009186
#2	.003487	-.000899	-.002021	-.002312	-.002698	.1148948	-.000009
#3	.005126	-.000975	.000302	-.003754	-.002477	.1095813	.001256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000850	.0000281	2.327975	.0000351	.0001273	.0005345	.1096253
Stddev	.0000204	.0000949	.020902	.0001189	.0000587	.0018092	.0066417
%RSD	23.95234	337.6547	.8978760	338.5020	46.12672	338.5235	6.058511

#1	.0000653	.0000132	2.304137	-.000086	.0001223	.0018560	.1037597
#2	.0001059	-.000058	2.343167	.000040	.0000712	-.001528	.1168369
#3	.0000837	.000130	2.336621	.000151	.0001883	.001275	.1082794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123819	2.536260	.0001543	.0003770	23.12364	-.001515	.0011753
Stddev	.0003687	.039748	.0001261	.0003308	.18335	.003685	.0044850
%RSD	2.977507	1.567193	81.68592	87.72876	.7929155	243.2442	381.6176

#1	.0124069	2.491692	.0000657	.0002473	22.94500	.000880	.0039606
#2	.0120014	2.568040	.0000986	.0007530	23.31136	.000334	-.003999
#3	.0127374	2.549048	.0002987	.0001308	23.11456	-.005758	.003564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.426107	.0085582	.0087205	.0000154	1.595724	.4193637	-.001840
Stddev	.056259	.0012040	.0000686	.0002163	.019589	.0012873	.000254
%RSD	13.20314	14.06896	.7865333	1403.427	1.227609	.3069753	13.79451

#1	-.454749	.0091634	.0086488	-.000104	1.617464	.4192992	-.001566
#2	-.462282	.0071716	.0087854	.000265	1.590265	.4181098	-.001888
#3	-.361290	.0093396	.0087273	-.000115	1.579443	.4206821	-.002067

Sample Name: J3650-04 Acquired: 6/25/2018 14:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS51 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013319	-.001266	.0280899
Stddev	.0005431	.000934	.0001206
%RSD	40.78104	73.76430	.4294179

#1	.0015058	-.000292	.0279646
#2	.0017668	-.002155	.0282053
#3	.0007231	-.001352	.0280998

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.499	2284.942	62473.82	7617.283	3962.357
Stddev	25.433	1.037	873.84	44.095	3.169
%RSD	1.140234	.0454014	1.398726	.5788787	.0799712

#1	2209.697	2286.137	61937.35	7659.275	3958.703
#2	2258.852	2284.412	63482.15	7621.225	3964.019
#3	2222.947	2284.277	62001.95	7571.350	3964.349

Sample Name: J3650-05 Acquired: 6/25/2018 15:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005549	.0011209	-.001103	-.001886	-.001605	.0790058	.0008450
Stddev	.0015785	.0023667	.000411	.002490	.000737	.0073752	.0001680
%RSD	284.4829	211.1446	37.27755	132.0382	45.91685	9.334965	19.87935

#1	.0002051	.0037276	-.001531	-.002454	-.001528	.0833346	.0007816
#2	-.000819	-.000893	-.000711	.000839	-.000910	.0831927	.0007179
#3	.002279	.000529	-.001068	-.004042	-.002378	.0704901	.0010354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001027	-.000057	3.683508	-.000107	-.000102	-.000304	.0761096
Stddev	.0000494	.000059	.027224	.000248	.000142	.000427	.0127489
%RSD	48.12143	104.1218	.7390744	230.8327	139.3481	140.4862	16.75072

#1	.0001425	-.000003	3.652221	-.000271	-.000120	.000162	.0642983
#2	.0000474	-.000119	3.701798	-.000229	.000048	-.000677	.0744058
#3	.0001183	-.000048	3.696504	.000178	-.000233	-.000396	.0896248

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050904	1.042644	.0004979	.0000049	7.065746	-.000290	.0065840
Stddev	.0007538	.025565	.0001491	.0001979	.076361	.002123	.0059029
%RSD	14.80857	2.451962	29.95343	4032.589	1.080720	730.9611	89.65434

#1	.0045244	1.014294	.0006662	.0002299	7.027984	.000574	.0056150
#2	.0048007	1.063947	.0004451	-.000073	7.015623	.001264	.0129115
#3	.0059461	1.049690	.0003823	-.000142	7.153631	-.002709	.0012256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.08142	.0109171	.0012289	.0000140	.6623559	.9756756	-.002119
Stddev	.02915	.0004154	.0002329	.0000675	.0112706	.0048762	.001469
%RSD	2.695139	3.805344	18.95331	482.3712	1.701585	.4997754	69.33257

#1	-1.05215	.0113902	.0009928	.0000919	.6747030	.9709851	-.002510
#2	-1.08166	.0107494	.0014585	-.000021	.6526206	.9807184	-.003354
#3	-1.11044	.0106117	.0012354	-.000029	.6597440	.9753233	-.000494

Sample Name: J3650-05 Acquired: 6/25/2018 15:02:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000708	-.000841	.0309120
Stddev	.0006853	.000582	.0001425
%RSD	967.9023	69.18838	.4609987

#1	.0008451	-.000564	.0307545
#2	-.000175	-.000449	.0310320
#3	-.000458	-.001509	.0309496

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.415	2287.320	62041.20	7580.233	3991.841
Stddev	25.102	3.343	616.23	51.146	8.250
%RSD	1.124932	.1461360	.9932668	.6747299	.2066723

#1	2203.281	2285.915	61333.49	7639.200	3982.922
#2	2251.519	2291.135	62330.94	7547.900	3999.199
#3	2239.446	2284.909	62459.16	7553.600	3993.401

Sample Name: J3650-06 Acquired: 6/25/2018 15:06:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046883	.0002538	-.001333	-.002394	-.001188	.0154605	-.001525
Stddev	.0020320	.0010855	.000849	.002619	.001004	.0004865	.000160
%RSD	43.34231	427.7310	63.69738	109.4022	84.44187	3.146579	10.49219

#1	.0033142	-.000992	-.001644	-.003805	-.000315	.0153275	-.001424
#2	.0037282	.000994	-.001984	-.004006	-.002284	.0159996	-.001443
#3	.0070225	.000759	-.000372	.000628	-.000966	.0150543	-.001710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000915	-.000018	.0322216	.0003284	.0002052	.0011692	.0349267
Stddev	.0000254	.000082	.0197162	.0003370	.0002217	.0015299	.0045087
%RSD	27.76601	452.1822	61.18941	102.6011	108.0523	130.8473	12.90905

#1	.0001014	-.000045	.0236121	.0002210	-.000051	-.000153	.0315206
#2	.0000626	-.000084	.0182742	.0000582	.000327	.002845	.0332199
#3	.0001105	.000074	.0547783	.0007060	.000339	.000816	.0400397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000854	.0140888	.0001579	.0002376	.0375728	-.001300	.0037703
Stddev	.0006011	.0419567	.0000697	.0001322	.1884508	.003329	.0030618
%RSD	703.7353	297.8017	44.15727	55.65220	501.5616	256.1187	81.20889

#1	-.000455	.0568041	.0001600	.0003238	.1014305	-.002136	.0053365
#2	.000733	-.027066	.0000872	.0000854	-.174510	.002368	.0002422
#3	-.000021	.012528	.0002266	.0003035	.185798	-.004131	.0057321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.45772	.0035225	-.004746	.0001210	-.023218	-.000264	-.001119
Stddev	.01165	.0003126	.000627	.0001245	.000555	.000654	.000081
%RSD	.7994325	8.873523	13.20900	102.8503	2.391258	247.7859	7.246512

#1	-1.46096	.0036989	-.004821	.0002199	-.022739	.000154	-.001195
#2	-1.44479	.0031616	-.005333	-.000019	-.023826	.000072	-.001034
#3	-1.46741	.0037070	-.004085	.000162	-.023088	-.001018	-.001130

Sample Name: J3650-06 Acquired: 6/25/2018 15:06:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS55 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000137	-.002224	.0001540
Stddev	.000491	.002032	.0000205
%RSD	359.0164	91.39851	13.31684

#1	-.000320	-.001105	.0001716
#2	.000420	-.000996	.0001315
#3	-.000511	-.004569	.0001589

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.863	2306.787	63111.90	7668.175	4030.271
Stddev	47.855	16.961	1356.49	61.814	29.368
%RSD	2.124185	.7352747	2.149339	.8061143	.7286938

#1	2297.731	2292.983	64360.03	7596.975	4002.737
#2	2258.362	2325.721	63307.41	7708.125	4061.181
#3	2202.496	2301.658	61668.27	7699.425	4026.895

Sample Name: J3650-07 Acquired: 6/25/2018 15:10:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011890	.0018944	-.001684	-.000136	-.001794	.0213165	-.001228
Stddev	.0018721	.0016182	.000981	.003712	.000842	.0118639	.000335
%RSD	157.4514	85.42040	58.28697	2730.967	46.95788	55.65569	27.29514

#1	.0033070	.0029910	-.001700	.003283	-.001574	.0206121	-.001191
#2	.0005043	.0026565	-.002657	.000393	-.002724	.0335169	-.001581
#3	-.000244	.0000359	-.000694	-.004084	-.001083	.0098206	-.000914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000541	-.000091	.0518205	.0002840	.0002278	.0015807	.0238083
Stddev	.0000350	.000028	.0055245	.0000523	.0002323	.0006020	.0101849
%RSD	64.75538	30.83666	10.66076	18.41866	101.9637	38.08311	42.77895

#1	.0000137	-.000123	.0580037	.0003234	.0003034	.0013011	.0185899
#2	.0000761	-.000081	.0500875	.0003040	-.000033	.0011694	.0355449
#3	.0000724	-.000070	.0473703	.0002247	.000413	.0022716	.0172901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	.0226746	-.000074	-.000083	.2581225	.0023834	.0514068
Stddev	.000540	.0199612	.000224	.000211	.1861091	.0015001	.0097504
%RSD	1386.357	88.03308	302.7778	255.6684	72.10108	62.93798	18.96708

#1	-.000495	.0082662	.000156	.000161	.1709014	.0026589	.0485908
#2	-.000180	.0454592	-.000087	-.000211	.1316420	.0037266	.0433743
#3	.000558	.0142985	-.000291	-.000197	.4718241	.0007647	.0622552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.44312	.0036394	-.005241	.0000749	-.021673	-.000071	-.001645
Stddev	.06196	.0016823	.000914	.0002383	.002809	.000703	.001168
%RSD	4.293463	46.22430	17.44343	318.0713	12.95945	995.0418	71.03982

#1	-1.48422	.0046717	-.005340	-.000155	-.020200	.000741	-.001620
#2	-1.47328	.0045483	-.004281	.000321	-.019907	-.000497	-.000489
#3	-1.37185	.0016982	-.006101	.000059	-.024912	-.000456	-.002825

Sample Name: J3650-07 Acquired: 6/25/2018 15:10:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS57 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003381	-.001322	.0003479
Stddev	.0004229	.001103	.0000590
%RSD	125.1011	83.43403	16.96199

#1	-.000044	-.002530	.0004030
#2	.000792	-.001067	.0002856
#3	.000266	-.000369	.0003551

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.074	2306.159	63754.35	7698.183	4031.283
Stddev	16.708	11.052	365.99	38.801	18.031
%RSD	.7321285	.4792251	.5740580	.5040286	.4472827

#1	2263.218	2313.235	63399.97	7674.225	4040.284
#2	2287.964	2311.819	63732.15	7742.950	4043.042
#3	2295.038	2293.424	64130.93	7677.375	4010.524

Sample Name: J3650-08 Acquired: 6/25/2018 15:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016399	-.000961	-.001095	-.002627	-.001652	.0091236	-.000234
Stddev	.0020662	.000910	.000319	.001829	.001046	.0075637	.000701
%RSD	125.9987	94.74248	29.11255	69.63379	63.28017	82.90295	299.5148

#1	.0022866	-.000874	-.000748	-.002618	-.002075	.0042784	.000561
#2	.0033053	-.000097	-.001163	-.004461	-.000462	.0052531	-.000498
#3	-.000672	-.001911	-.001374	-.000802	-.002420	.0178393	-.000764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001205	-.000009	.0577932	-.000104	.0000367	.0019542	.0082789
Stddev	.0000648	.000097	.0155680	.000135	.0001322	.0036923	.0083974
%RSD	53.76824	1031.923	26.93736	129.9564	360.1659	188.9440	101.4313

#1	.0000583	.000055	.0661845	-.000162	.0001071	.0039020	.0147742
#2	.0001156	.000038	.0673652	.000051	.0001188	.0042646	.0112662
#3	.0001877	-.000121	.0398298	-.000201	-.000116	-.002304	-.001204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000274	.0022462	.0002123	.0001059	.1381853	.0034554	.0118824
Stddev	.000821	.0341083	.0002854	.0002489	.2211632	.0026890	.0135542
%RSD	299.7769	1518.491	134.4634	234.9911	160.0483	77.82216	114.0702

#1	-.000990	-.015166	.0000014	-.000180	.3932367	.0008757	.0125984
#2	-.000455	.041546	.0005370	.000270	.0218280	.0062418	-.002016
#3	.000623	-.019642	.0000983	.000228	-.000509	.0032486	.025064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.45919	.0227941	-.004622	-.000059	-.017865	.0061022	-.001799
Stddev	.01728	.0016148	.000105	.000260	.002685	.0013217	.000439
%RSD	1.184396	7.084250	2.279299	443.3127	15.02726	21.65995	24.41651

#1	-1.44180	.0216339	-.004697	-.000120	-.016208	.0066288	-.002151
#2	-1.45940	.0246383	-.004502	.000226	-.020962	.0070796	-.001939
#3	-1.47636	.0221100	-.004667	-.000282	-.016423	.0045984	-.001306

Sample Name: J3650-08 Acquired: 6/25/2018 15:14:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS58 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010563	-.002601	.0003108
Stddev	.0006153	.000280	.0000149
%RSD	58.25198	10.75826	4.780762

#1	.0004689	-.002727	.0002950
#2	.0016962	-.002795	.0003245
#3	.0010039	-.002280	.0003129

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.499	2249.901	63053.73	7481.500	3935.620
Stddev	6.989	43.547	274.28	169.831	80.832
%RSD	.3112557	1.935499	.4349978	2.270011	2.053855

#1	2253.467	2200.465	63270.35	7289.925	3844.481
#2	2242.629	2282.580	62745.33	7613.575	3998.628
#3	2240.402	2266.658	63145.52	7541.000	3963.750

Sample Name: J3650-09 Acquired: 6/25/2018 15:19:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114385	.0012291	-.002141	-.000859	-.001016	.1792543	-.000320
Stddev	.0019114	.0019100	.001758	.002522	.000348	.0052283	.000231
%RSD	16.71010	155.3953	82.10191	293.5007	34.28575	2.916705	72.22210

#1	.0107964	.0034186	-.003739	.000505	-.000618	.1851933	-.000250
#2	.0099308	.0003634	-.002427	-.003770	-.001262	.1772239	-.000577
#3	.0135882	-.000095	-.000258	.000687	-.001169	.1753458	-.000132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000964	-.000053	5.313750	.0001696	-.000129	.0021923	.1093674
Stddev	.0000297	.000053	.045366	.0003940	.000123	.0040924	.0103040
%RSD	30.78115	100.0321	.8537475	232.2861	95.33833	186.6680	9.421464

#1	.0000994	-.000090	5.281199	.0005896	.000013	-.000781	.1123302
#2	.0001244	-.000078	5.294482	.0001112	-.000207	.000498	.0979065
#3	.0000653	.000008	5.365570	-.000192	-.000193	.006860	.1178654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037500	6.725002	.0003046	-.000193	47.96735	.0011283	.0073292
Stddev	.0009000	.053073	.0004025	.000050	.12034	.0034832	.0063707
%RSD	24.00005	.7891839	132.1395	25.72427	.2508698	308.7098	86.92297

#1	.0046958	6.669200	.0007420	-.000138	48.07958	-.002884	.0060815
#2	.0029041	6.774841	.0002222	-.000234	47.84029	.003373	.0142314
#3	.0036502	6.730964	-.000050	-.000208	47.98219	.002896	.0016746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6574786	.0028300	.0296843	.0001818	5.524739	.8837511	-.000799
Stddev	.0241953	.0008007	.0005724	.0002751	.012451	.0034790	.000430
%RSD	3.680018	28.29374	1.928315	151.2715	.2253728	.3936637	53.83396

#1	.6766074	.0037382	.0292265	-.000018	5.538794	.8863613	-.000697
#2	.6655489	.0022260	.0295004	.000068	5.520334	.8798015	-.001270
#3	.6302796	.0025257	.0303261	.000495	5.515089	.8850906	-.000429

Sample Name: J3650-09 Acquired: 6/25/2018 15:19:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS59 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016842	.0009903	.0824665
Stddev	.0004221	.0008596	.0000587
%RSD	25.06440	86.80283	.0712026

#1	.0021680	.0007657	.0824570
#2	.0014939	.0019398	.0824131
#3	.0013907	.0002653	.0825294

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.552	2258.122	62141.65	7573.225	3870.848
Stddev	7.779	6.753	156.49	22.094	15.552
%RSD	.3498488	.2990529	.2518338	.2917378	.4017745

#1	2217.723	2256.648	62143.65	7561.150	3854.937
#2	2232.385	2265.490	62297.13	7598.725	3886.015
#3	2220.549	2252.228	61984.16	7559.800	3871.592

Sample Name: CCV036 Acquired: 6/25/2018 15:23:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856112	4.735134	23.92983	4.788855	5.007234	436.3801	10.34809
Stddev	.024808	.032918	.14170	.020705	.016767	17.4972	.39437
%RSD	.5108512	.6951803	.5921346	.4323540	.3348583	4.009623	3.811045

#1	4.854280	4.702737	23.93839	4.778333	5.006284	430.1498	10.19937
#2	4.832271	4.734115	23.78405	4.775525	4.990963	456.1397	10.79519
#3	4.881784	4.768549	24.06705	4.812708	5.024457	422.8507	10.04970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4927349	2.376776	423.5925	14.70598	2.393279	15.36814	433.5530
Stddev	.0163818	.017085	17.2932	.01533	.020929	.64234	19.5357
%RSD	3.324663	.7188506	4.082503	.1042601	.8744714	4.179693	4.505961

#1	.4878533	2.374823	417.7952	14.71106	2.393217	15.13773	427.1751
#2	.5110026	2.360751	443.0395	14.71812	2.372381	16.09390	455.4806
#3	.4793489	2.394754	409.9428	14.68875	2.414238	14.87278	418.0033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72393	416.4332	2.467229	1.211630	427.6799	2.498831	14.45289
Stddev	.65765	18.0502	.012743	.004120	16.7081	.105923	.24087
%RSD	4.466543	4.334485	.5164805	.3400588	3.906695	4.238918	1.666589

#1	14.53272	410.9240	2.471572	1.211585	421.3559	2.452666	14.39174
#2	15.45600	436.5960	2.452883	1.207532	446.6270	2.620001	14.71845
#3	14.18308	401.7795	2.477233	1.215772	415.0569	2.423824	14.24850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.6860	5.010181	4.966858	4.859679	4.983905	4.891611	4.914528
Stddev	6.3028	.034739	.167551	.027448	.022520	.174397	.034276
%RSD	4.074609	.6933767	3.373383	.5648087	.4518579	3.565228	.6974439

#1	152.2502	4.980238	4.934082	4.855919	4.962631	4.826702	4.897270
#2	161.8433	5.002035	5.148375	4.834306	4.981590	5.089155	4.892311
#3	149.9645	5.048269	4.818117	4.888814	5.007493	4.758976	4.954003

Sample Name: CCV036 Acquired: 6/25/2018 15:23:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.029124	5.139310	5.072462
Stddev	.205825	.199775	.194232
%RSD	4.092662	3.887195	3.829153

#1	4.956534	5.080755	5.005456
#2	5.261408	5.361820	5.291326
#3	4.869429	4.975356	4.920603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.670	1787.360	52336.00	6670.468	2794.108
Stddev	1.372	10.385	225.26	220.445	19.274
%RSD	.0773236	.5810284	.4304068	3.304786	.6898042

#1	1775.758	1785.951	52465.21	6748.157	2791.178
#2	1773.129	1798.377	52466.89	6421.697	2814.679
#3	1775.125	1777.751	52075.90	6841.550	2776.466

Sample Name: CCB036 Acquired: 6/25/2018 15:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009070	.0013587	-.000510	-.000793	-.001828	.0090065	-.002599
Stddev	.0050506	.0007693	.001330	.001237	.001322	.0047157	.000181
%RSD	556.8470	56.61802	260.7797	156.1220	72.32045	52.35855	6.979606

#1	.0049211	.0005411	-.002044	.000385	-.000868	.0061912	-.002392
#2	-.004764	.0020683	.000220	-.002083	-.003336	.0144507	-.002731
#3	.002564	.0014668	.000295	-.000680	-.001280	.0063777	-.002674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000074	.0000099	-.002301	.0004912	.0002152	-.001819	.0047204
Stddev	.0000575	.0000413	.007802	.0002856	.0000960	.002195	.0061554
%RSD	775.0150	418.6524	339.1089	58.13157	44.58962	120.7023	130.4005

#1	.0000737	-.000038	-.011201	.0003379	.0002295	-.004210	.0042338
#2	-.000022	.000035	.003357	.0008207	.0001129	-.001352	-.001177
#3	-.000030	.000033	.000942	.0003151	.0003032	.000106	.011105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.007086	-.000263	.0000285	-.166570	.0032766	.0054797
Stddev	.000669	.073620	.000143	.0002675	.059657	.0012084	.0015763
%RSD	879.2445	1038.884	54.53883	939.4528	35.81499	36.87820	28.76612

#1	.000465	-.067943	-.000148	.0002457	-.190235	.0025759	.0059336
#2	-.000825	.074744	-.000217	-.000270	-.098711	.0025821	.0067793
#3	.000131	-.028061	-.000423	.000110	-.210764	.0046719	.0037263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000154	.0009242	.0007524	.0004903	-.006305	-.002557	-.000684
Stddev	.036314	.0022651	.0007016	.0000647	.004359	.000548	.001160
%RSD	23608.68	245.0727	93.25306	13.19923	69.13387	21.41230	169.5654

#1	-.021337	-.001269	.0004981	.0005617	-.001292	-.001926	-.001796
#2	.041777	.000786	.0015457	.0004736	-.009205	-.002906	-.000773
#3	-.020901	.003255	.0002134	.0004355	-.008418	-.002839	.000518

Sample Name: CCB036 Acquired: 6/25/2018 15:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB036 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001361	-.001306	.0000541
Stddev	.001060	.000614	.0000695
%RSD	77.88225	47.03462	128.4828

#1	-.000138	-.001041	.0001041
#2	-.002023	-.000869	-.000025
#3	-.001922	-.002009	.000084

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.378	2197.593	60741.15	7386.775	3838.214
Stddev	12.711	14.488	562.35	28.834	28.203
%RSD	.5889246	.6592768	.9258105	.3903409	.7348022

#1	2143.703	2183.143	60093.19	7355.750	3807.769
#2	2165.496	2212.119	61028.44	7412.750	3863.449
#3	2165.935	2197.516	61101.82	7391.825	3843.423

Sample Name: J3650-10 Acquired: 6/25/2018 15:31:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS59D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081490	-.000186	-.001399	.0012666	-.002380	.1732669	-.000059
Stddev	.0037413	.002255	.001956	.0030949	.001725	.0032359	.000600
%RSD	45.91147	1212.764	139.8013	244.3406	72.48002	1.867556	1019.875

#1	.0044931	-.000651	.000204	.0046071	-.002504	.1755174	.000134
#2	.0079835	.002265	-.003578	.0006963	-.000596	.1747247	-.000731
#3	.0119702	-.002172	-.000823	-.001503	-.004039	.1695586	.000421

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001038	-.000048	5.185692	.0002877	-.000069	.0008786	.1186184
Stddev	.0000381	.000035	.021876	.0000888	.000157	.0017593	.0085544
%RSD	36.66898	72.88223	.4218449	30.87158	227.9961	200.2436	7.211666

#1	.0001019	-.000010	5.160534	.0002754	-.000041	-.001153	.1118789
#2	.0001428	-.000080	5.200229	.0003820	.000073	.001917	.1157343
#3	.0000668	-.000054	5.196314	.0002056	-.000238	.001872	.1282421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080768	6.556607	.0004740	.0001139	46.93521	.0041814	.0083560
Stddev	.0009686	.033781	.0001390	.0002077	.14057	.0036022	.0015210
%RSD	11.99197	.5152256	29.32119	182.4125	.2994984	86.14772	18.20213

#1	.0077822	6.543822	.0004508	-.000117	46.83274	.0051163	.0069147
#2	.0072897	6.531085	.0003480	.000174	47.09546	.0072239	.0082076
#3	.0091584	6.594915	.0006230	.000285	46.87744	.0002039	.0099457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5928414	.0026631	.0294724	.0002453	5.410161	.8671300	-.002356
Stddev	.0267846	.0013566	.0001945	.0000732	.034445	.0023510	.000286
%RSD	4.517998	50.93912	.6597967	29.85619	.6366759	.2711279	12.12249

#1	.5839319	.0036361	.0294579	.0002833	5.370391	.8696802	-.002066
#2	.5716470	.0011135	.0292856	.0001609	5.429535	.8666608	-.002638
#3	.6229453	.0032398	.0296737	.0002917	5.430556	.8650489	-.002365

Sample Name: J3650-10 Acquired: 6/25/2018 15:31:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS59D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006867	.0022226	.0803336
Stddev	.0002487	.0006899	.0002783
%RSD	36.22350	31.04159	.3464010

#1	.0007474	.0028507	.0802735
#2	.0008994	.0014841	.0806370
#3	.0004132	.0023331	.0800902

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.627	2260.468	62253.12	7586.167	3870.803
Stddev	6.874	35.348	207.54	13.648	59.636
%RSD	.3069261	1.563755	.3333849	.1799099	1.540670

#1	2246.435	2296.986	62459.76	7591.975	3928.957
#2	2239.758	2226.419	62044.69	7570.575	3809.787
#3	2232.689	2257.999	62254.92	7595.950	3873.666

Sample Name: J3650-11 Acquired: 6/25/2018 15:35:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS59S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529247	.0537427	.0208379	.0560420	.1113148	2.332422	2.352645
Stddev	.0023747	.0016520	.0012871	.0030399	.0008378	.008017	.002597
%RSD	4.486978	3.073876	6.176457	5.424251	.7526336	.3437344	.1104053

#1	.0548736	.0547436	.0222835	.0594010	.1120183	2.323164	2.349965
#2	.0536207	.0518359	.0198163	.0552449	.1103880	2.337078	2.352817
#3	.0502797	.0546485	.0204141	.0534801	.1115381	2.337022	2.355152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603883	.0563165	5.283108	.2416167	.5521362	.3027268	1.178591
Stddev	.0003502	.0001439	.026703	.0003356	.0015006	.0008459	.019854
%RSD	.5799678	.2554453	.5054372	.1388858	.2717763	.2794258	1.684514

#1	.0602034	.0561512	5.256742	.2417025	.5508053	.3018845	1.189868
#2	.0601693	.0563844	5.282446	.2419011	.5518408	.3035763	1.190236
#3	.0607922	.0564138	5.310136	.2412466	.5537625	.3027196	1.155667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6176365	6.730729	.5846631	.0554278	47.39355	.6120542	.5535760
Stddev	.0015786	.064651	.0007260	.0004656	.18324	.0062870	.0023605
%RSD	.2555852	.9605395	.1241762	.8399253	.3866329	1.027194	.4264033

#1	.6165747	6.671845	.5840683	.0558228	47.33343	.6073809	.5524748
#2	.6194505	6.720429	.5854721	.0549145	47.24793	.6192019	.5519675
#3	.6168842	6.799911	.5844490	.0555461	47.59930	.6095797	.5562859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6057508	.0097709	.0296354	.0002300	5.430932	.8808029	-.001728
Stddev	.0131289	.0031469	.0004866	.0001002	.019479	.0062636	.001305
%RSD	2.167384	32.20675	1.642034	43.58084	.3586625	.7111191	75.55414

#1	.5907507	.0101015	.0301948	.0003176	5.410891	.8794661	-.002470
#2	.6113493	.0064718	.0294021	.0002516	5.432110	.8753157	-.002493
#3	.6151524	.0127394	.0293094	.0001207	5.449795	.8876269	-.000220

Sample Name: J3650-11 Acquired: 6/25/2018 15:35:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS59S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003003	.0014813	.0816765
Stddev	.0012477	.0008336	.0001368
%RSD	415.4961	56.27649	.1675210

#1	.0011583	.0006652	.0815243
#2	.0008736	.0014473	.0817156
#3	-.001131	.0023314	.0817895

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2193.901	2242.348	61250.01	7474.269	3838.385
Stddev	3.204	5.979	151.67	29.657	11.381
%RSD	.1460399	.2666458	.2476292	.3967922	.2965069

#1	2192.646	2249.113	61258.42	7508.415	3848.851
#2	2191.514	2240.157	61094.31	7459.449	3840.035
#3	2197.542	2237.773	61397.31	7454.942	3826.269

Sample Name: J3650-09LX5 Acquired: 6/25/2018 15:39:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS59L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031772	.0006258	-.002028	-.002377	-.000675	.0411858	-.001930
Stddev	.0007420	.0010512	.000464	.001317	.001234	.0065952	.000205
%RSD	23.35348	167.9925	22.88217	55.38664	182.8684	16.01330	10.61992

#1	.0039346	-.000573	-.002302	-.002706	-.002061	.0357948	-.001781
#2	.0031453	.001390	-.002289	-.003498	-.000265	.0485396	-.002164
#3	.0024517	.001061	-.001492	-.000927	.000302	.0392229	-.001846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000810	-.000002	1.084604	.0000181	-.000053	.0003218	.0293395
Stddev	.0000397	.000047	.019762	.0005647	.000101	.0014361	.0094057
%RSD	49.07345	2437.880	1.822046	3128.239	190.2387	446.2175	32.05800

#1	.0000370	.000050	1.091742	-.000418	.000055	.0008476	.0215507
#2	.0001144	-.000014	1.062265	.000656	-.000070	.0014209	.0266790
#3	.0000916	-.000042	1.099806	-.000184	-.000146	-.001303	.0397889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020017	1.300374	.0000546	.0004188	9.647473	.0016470	.0068577
Stddev	.0003975	.007541	.0001771	.0001189	.146503	.0018690	.0073748
%RSD	19.85749	.5799099	324.2877	28.40070	1.518564	113.4792	107.5411

#1	.0023123	1.305924	.0001391	.0004949	9.502100	.0037516	.0076369
#2	.0015538	1.291788	-.000149	.0002817	9.645239	.0001806	-.000876
#3	.0021390	1.303410	.000174	.0004797	9.795081	.0010090	.013812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655222	.0016800	.0031399	.0000883	1.070015	.1743965	-.000808
Stddev	.0583783	.0006095	.0006473	.0002893	.008786	.0005859	.001318
%RSD	89.09707	36.27992	20.61633	327.6363	.8211275	.3359764	163.1514

#1	.1316716	.0014376	.0030570	.0004038	1.078346	.1743295	-.002327
#2	.0212129	.0012290	.0038247	-.000164	1.070864	.1750130	-.000123
#3	.0436820	.0023734	.0025380	.000025	1.060835	.1738469	.000027

Sample Name: J3650-09LX5 Acquired: 6/25/2018 15:39:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS59L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002127	-.000538	.0169823
Stddev	.0004636	.001001	.0000559
%RSD	217.9391	185.9495	.3291734

#1	-.000315	.000386	.0169181
#2	.000554	-.000399	.0170200
#3	.000399	-.001602	.0170087

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.382	2177.696	60060.51	7343.942	3795.617
Stddev	13.662	1.582	137.67	57.232	5.765
%RSD	.6379892	.0726552	.2292253	.7793036	.1518899

#1	2145.542	2178.416	60100.28	7313.700	3802.142
#2	2152.481	2178.791	60173.92	7409.950	3791.209
#3	2126.124	2175.882	59907.33	7308.175	3793.502

Sample Name: PB110468BL Acquired: 6/25/2018 15:43:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009839	-.000816	-.001794	-.001677	-.000996	.0036463	-.002239
Stddev	.0071370	.002951	.000928	.002811	.001062	.0047410	.000469
%RSD	725.3528	361.6721	51.73958	167.6209	106.6418	130.0210	20.94603

#1	.0009056	.002523	-.000826	-.004921	.000230	.0069186	-.001875
#2	-.006114	-.003077	-.002677	.000047	-.001619	-.001791	-.002074
#3	.008160	-.001894	-.001880	-.000157	-.001599	.005811	-.002768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	-.000090	-.013729	.0000511	-.000080	.0012230	.0067330
Stddev	.000056	.000066	.016857	.0002389	.000236	.0012746	.0023390
%RSD	107.0327	73.65893	122.7829	467.4183	293.8982	104.2199	34.73940

#1	-.000083	-.000015	-.016228	-.000178	-.000206	.0002183	.0094259
#2	-.000088	-.000142	.004238	.000299	.000192	.0026567	.0052078
#3	.000012	-.000114	-.029198	.000032	-.000228	.0007939	.0055652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002616	-.021050	.0000516	.0001393	-.169403	.0010732	-.000869
Stddev	.0002079	.027805	.0002557	.0001411	.064309	.0044405	.005254
%RSD	79.47018	132.0877	495.6829	101.3480	37.96215	413.7516	604.7918

#1	.0004340	-.052461	.0000367	-.000021	-.243654	-.001236	.002646
#2	.0003202	-.011105	-.000196	.000193	-.133123	.006192	.001656
#3	.0000307	.000414	.000314	.000246	-.131431	-.001737	-.006908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129435	.0036007	-.003848	.0001314	-.009244	-.002452	-.001588
Stddev	.0547991	.0031247	.000848	.0001896	.001850	.000584	.000758
%RSD	423.3725	86.77859	22.03206	144.2668	20.01626	23.82485	47.70996

#1	.0050457	.0010385	-.004813	.0000243	-.008054	-.002511	-.000821
#2	.0712630	.0026818	-.003224	.0003503	-.008303	-.001840	-.001607
#3	-.037478	.0070818	-.003507	.0000196	-.011376	-.003004	-.002336

Sample Name: PB110468BL Acquired: 6/25/2018 15:43:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000029	-.000451	-.000048
Stddev	.000316	.000812	.000045
%RSD	1095.610	179.9170	92.56924

#1	.000304	.000175	-.000097
#2	-.000325	-.001369	-.000040
#3	-.000066	-.000160	-.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.882	2197.212	60583.94	7293.483	3829.465
Stddev	10.397	6.986	182.77	14.196	13.719
%RSD	.4838460	.3179666	.3016803	.1946438	.3582396

#1	2150.819	2199.735	60418.75	7303.425	3833.762
#2	2158.174	2202.586	60780.29	7277.225	3840.521
#3	2137.652	2189.314	60552.80	7299.800	3814.112

Sample Name: PB110468BS Acquired: 6/25/2018 15:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175037	.0486846	.0182887	.0644408	.1115797	.3678671
Stddev	.0057128	.0035943	.0019332	.0018857	.0024800	.0080798
%RSD	32.63787	7.382853	10.57026	2.926226	2.222625	2.196404

#1	.0119261	.0496011	.0190311	.0624894	.1095734	.3687376
#2	.0172421	.0447208	.0160943	.0645799	.1108132	.3593873
#3	.0233428	.0517320	.0197405	.0662531	.1143525	.3754765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3796852	.0094564	.0092992	9.275414	.0201340	.0884360
Stddev	.0014506	.0000814	.0001558	.034346	.0002332	.0009370
%RSD	.3820589	.8603382	1.675997	.3702889	1.158408	1.059518

#1	.3806732	.0095406	.0092416	9.289232	.0198666	.0879486
#2	.3780198	.0093782	.0091804	9.236311	.0202400	.0878432
#3	.3803626	.0094503	.0094757	9.300699	.0202954	.0895163

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486864	.1690638	.0303734	8.907823	.0765350	.0185442
Stddev	.0012437	.0139665	.0011857	.033232	.0006168	.0003261
%RSD	2.554553	8.261074	3.903747	.3730601	.8059227	1.758596

#1	.0501211	.1569931	.0290142	8.871700	.0764335	.0185273
#2	.0480251	.1658371	.0309103	8.914676	.0759752	.0182269
#3	.0479130	.1843613	.0311957	8.937094	.0771962	.0188785

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.983013	.1035722	.1103685	9.025691	.0247173	F .0143098
Stddev	.133437	.0036748	.0097354	.073424	.0020892	.0007659
%RSD	1.485442	3.548005	8.820864	.8135032	8.452542	5.352043

#1	9.107895	.1043816	.1011600	9.053232	.0224010	.0136572
#2	8.842413	.0995603	.1093886	8.942478	.0252918	.0151530
#3	8.998730	.1067748	.1205568	9.081363	.0264593	.0141193

Sample Name: PB110468BS Acquired: 6/25/2018 15:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192521	.1458669	.1796477	F .0118179	.1923441	.0916092
Stddev	.0001486	.0009397	.0017776	.0008705	.0007971	.0011393
%RSD	.7720394	.6442381	.9894868	7.366166	.4144095	1.243689

#1	.0191045	.1465189	.1816459	.0112741	.1932280	.0904390
#2	.0192501	.1462921	.1782422	.0128220	.1916798	.0916736
#3	.0194017	.1447898	.1790549	.0113577	.1921244	.0927149

Elem	Sr4077
Units	ppm
Avg	.1886259
Stddev	.0007732
%RSD	.4099191

#1	.1892710
#2	.1877688
#3	.1888378

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.872	2195.860	60522.43	7399.926	3801.424
Stddev	7.334	8.598	95.69	60.651	15.915
%RSD	.3409573	.3915374	.1581061	.8196169	.4186697

#1	2145.360	2196.245	60456.76	7350.639	3801.552
#2	2159.195	2204.258	60632.22	7467.658	3817.275
#3	2148.060	2187.076	60478.31	7381.481	3785.444

Sample Name: J3591-01 Acquired: 6/25/2018 15:52:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB462 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394420	-.034674	.3662943	-.065873	-.001854	222.8013	1.135310
Stddev	.0034693	.001492	.0016648	.005426	.001601	.3681	.005238
%RSD	8.795906	4.302117	.4544930	8.237035	86.36856	.1652231	.4613347

#1	.0434456	-.033958	.3676097	-.067929	-.000573	222.3824	1.130099
#2	.0375595	-.036389	.3644226	-.069970	-.001340	222.9479	1.135258
#3	.0373209	-.033675	.3668506	-.059719	-.003649	223.0735	1.140574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143719	.0083636	15.01825	2.469433	.1927349	.2321681	436.7791
Stddev	.0003939	.0002057	.04260	.062492	.0005462	.0041263	1.0055
%RSD	2.740605	2.459997	.2836440	2.530631	.2833842	1.777286	.2302103

#1	.0146527	.0082767	15.06155	2.435405	.1931409	.2278319	437.3043
#2	.0145414	.0082156	15.01681	2.431339	.1921139	.2326263	437.4133
#3	.0139217	.0085986	14.97639	2.541555	.1929498	.2360462	435.6198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.455830	44.94741	.3353094	.0095952	2.557518	.6512647	.8262635
Stddev	.021873	.18905	.0008978	.0008739	.208270	.0097898	.0270832
%RSD	.4009044	.4206096	.2677436	9.107432	8.143441	1.503203	3.277786

#1	5.472468	45.14681	.3358492	.0105786	2.425946	.6602891	.8079992
#2	5.463966	44.77077	.3342731	.0092996	2.448968	.6408567	.8134113
#3	5.431055	44.92464	.3358060	.0089075	2.797640	.6526485	.8573799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.89902	5.938669	.4023984	.0069009	.6469635	10.85846	.0312448
Stddev	.03748	.051424	.0201635	.0002595	.0103278	.30840	.0028507
%RSD	.1446991	.8659124	5.010819	3.760359	1.596345	2.840140	9.123694

#1	25.85982	5.951273	.3823755	.0070991	.6588818	11.10519	.0279531
#2	25.93449	5.882115	.4021202	.0066072	.6406448	10.95747	.0328939
#3	25.90276	5.982619	.4226996	.0069966	.6413640	10.51272	.0328875

Sample Name: J3591-01 Acquired: 6/25/2018 15:52:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB462 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.070234	.1953441	.1368612
Stddev	.014935	.0008862	.0003849
%RSD	.1850596	.4536725	.2812376

#1	8.053428	.1960640	.1366489
#2	8.075286	.1943543	.1366292
#3	8.081987	.1956139	.1373055

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.534	2457.128	67353.92	8656.586	3440.705
Stddev	54.126	7.477	2691.01	46.152	9.136
%RSD	2.263236	.3042830	3.995332	.5331396	.2655169

#1	2427.219	2456.461	68919.20	8613.115	3439.228
#2	2418.128	2464.916	68895.93	8651.625	3450.490
#3	2329.256	2450.008	64246.64	8705.018	3432.398

Sample Name: J3591-02 Acquired: 6/25/2018 15:56:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB463 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003113	-.005053	.0191673	-.010162	-.032150	4.721977	.0530393
Stddev	.002490	.001976	.0005722	.000992	.002540	.020894	.0007153
%RSD	79.99433	39.10463	2.985200	9.760766	7.899226	.4424811	1.348564

#1	-.003166	-.007015	.0197722	-.009025	-.031434	4.712780	.0522162
#2	-.005576	-.003064	.0190948	-.010846	-.030046	4.707259	.0535093
#3	-.000597	-.005079	.0186348	-.010616	-.034971	4.745892	.0533925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009557	-.000187	3.256712	7.574088	.0198880	.0324650	75.57545
Stddev	.0000865	.000060	.022708	.179807	.0001689	.0050867	.27763
%RSD	9.053130	32.03536	.6972582	2.373975	.8490111	15.66813	.3673583

#1	.0009561	-.000216	3.252020	7.477759	.0198671	.0379044	75.58990
#2	.0010420	-.000118	3.236717	7.462970	.0197306	.0278260	75.29087
#3	.0008689	-.000226	3.281399	7.781536	.0200663	.0316647	75.84557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5574421	1.594569	.0666507	.0008362	.5031640	.0197831	.0962541
Stddev	.0059845	.048479	.0004064	.0002352	.1159345	.0035596	.0167809
%RSD	1.073562	3.040276	.6098081	28.12687	23.04109	17.99294	17.43393

#1	.5580655	1.542258	.0666229	.0010827	.5358576	.0166137	.0802557
#2	.5511704	1.603465	.0662589	.0008118	.3743933	.0191013	.1137209
#3	.5630905	1.637984	.0670703	.0006142	.5992412	.0236342	.0947857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1291953	.1926637	.0609049	.0031969	.1876903	2.344332	.0006162
Stddev	.0407320	.0025491	.0006528	.0001770	.0110449	.023044	.0008628
%RSD	31.52746	1.323103	1.071847	5.537038	5.884621	.9829658	140.0252

#1	.1762284	.1936343	.0613172	.0033752	.1904755	2.332767	.0008802
#2	.1058041	.1945851	.0601522	.0031945	.1755195	2.329362	-.000348
#3	.1055535	.1897719	.0612451	.0030212	.1970760	2.370869	.001316

Sample Name: J3591-02 Acquired: 6/25/2018 15:56:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB463 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1151821	.0051319	.0148877
Stddev	.0014344	.0012901	.0000602
%RSD	1.245368	25.13781	.4045519

#1	.1136682	.0041052	.0149251
#2	.1153570	.0047107	.0149197
#3	.1165211	.0065800	.0148182

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.325	2183.990	62123.10	7553.283	3803.154
Stddev	48.304	8.385	1191.58	18.942	15.065
%RSD	2.238038	.3839337	1.918097	.2507739	.3961205

#1	2167.249	2182.903	62715.16	7572.450	3799.331
#2	2201.545	2192.865	62902.69	7552.825	3819.762
#3	2106.182	2176.201	60751.45	7534.575	3790.369

Sample Name: J3591-03 Acquired: 6/25/2018 16:00:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB464 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734318	-.012489	1.117727	-.035183	.0015099	100.9628	.9818859
Stddev	.0029681	.003802	.006355	.001307	.0013840	.7765	.0062179
%RSD	4.041964	30.44188	.5685661	3.715428	91.66537	.7691223	.6332604

#1	.0721370	-.012453	1.117658	-.035285	.0031041	100.2610	.9762333
#2	.0713310	-.016308	1.111407	-.033827	.0006162	101.7970	.9885460
#3	.0768273	-.008705	1.124117	-.036436	.0008092	100.8304	.9808784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103099	.0192681	25.14085	1.422702	.1353771	.4929479	234.8219
Stddev	.0001426	.0002917	.19615	.000955	.0010270	.0027396	2.9739
%RSD	1.383217	1.513930	.7801966	.0671499	.7586069	.5557566	1.266453

#1	.0101548	.0194666	24.95049	1.423351	.1349363	.4897882	231.8808
#2	.0104353	.0189332	25.34232	1.423150	.1346442	.4943942	237.8276
#3	.0103398	.0194045	25.12974	1.421605	.1365509	.4946611	234.7574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021273	25.58256	.3084879	.0210944	1.635082	.2946334	2.474470
Stddev	.074410	.34829	.0023434	.0004631	.118951	.0035195	.036761
%RSD	1.481903	1.361445	.7596337	2.195514	7.274933	1.194545	1.485628

#1	4.937859	25.18050	.3090004	.0207000	1.546543	.2905820	2.446711
#2	5.080825	25.79210	.3059307	.0216044	1.770291	.2963824	2.516161
#3	5.045136	25.77506	.3105326	.0209788	1.588411	.2969359	2.460539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04332	5.755591	.2128667	.0061826	2.313061	2.719857	.0595316
Stddev	.10173	.036398	.0060474	.0002464	.010320	.034964	.0022492
%RSD	1.012947	.6323935	2.840930	3.985783	.4461771	1.285507	3.778079

#1	9.98725	5.790487	.2061492	.0064671	2.320801	2.681640	.0571862
#2	10.16075	5.717857	.2178771	.0060416	2.301344	2.750239	.0616702
#3	9.98196	5.758428	.2145737	.0060390	2.317038	2.727692	.0597385

Sample Name: J3591-03 Acquired: 6/25/2018 16:00:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB464 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.967359	.1401381	.1872343
Stddev	.020002	.0038117	.0014349
%RSD	1.016678	2.719922	.7663849

#1	1.948492	.1360759	.1864331
#2	1.988329	.1436363	.1888909
#3	1.965257	.1407023	.1863789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.071	2436.482	67866.66	8393.211	3602.757
Stddev	4.564	12.711	142.23	39.890	14.299
%RSD	.1904784	.5216828	.2095682	.4752659	.3968835

#1	2390.847	2434.018	67702.91	8438.597	3607.258
#2	2399.282	2450.245	67937.65	8363.713	3614.264
#3	2398.085	2425.185	67959.41	8377.322	3586.749

Sample Name: J3591-04 Acquired: 6/25/2018 16:04:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB465 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952616	-.015980	1.493150	-.048204	-.000167	143.7089	1.291789
Stddev	.0041544	.002293	.006954	.001741	.001583	.5039	.001962
%RSD	4.361090	14.34624	.4657479	3.610737	949.5032	.3506641	.1518855

#1	.0986962	-.013397	1.496451	-.050154	.001539	143.2003	1.290689
#2	.0906440	-.016772	1.485160	-.046806	-.000451	143.7185	1.290623
#3	.0964447	-.017772	1.497839	-.047653	-.001588	144.2080	1.294054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130198	.0243443	35.08455	1.629668	.1783408	.9228370	304.7799
Stddev	.0001561	.0002023	.26209	.005745	.0012742	.0012230	1.7671
%RSD	1.199065	.8308184	.7470107	.3524983	.7144833	.1325259	.5797828

#1	.0128831	.0245682	34.83100	1.626166	.1768762	.9238846	302.7417
#2	.0129862	.0242899	35.06826	1.626541	.1789511	.9231334	305.8808
#3	.0131899	.0241748	35.35441	1.636298	.1791951	.9214931	305.7173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.502019	35.00333	.4067828	.0230554	1.836915	.3920342	3.204529
Stddev	.053592	.15392	.0020051	.0003372	.129099	.0058840	.019043
%RSD	.8242410	.4397226	.4929238	1.462433	7.028047	1.500890	.5942559

#1	6.447896	34.83127	.4077972	.0227024	1.923308	.3987558	3.207243
#2	6.503098	35.12791	.4044732	.0230897	1.898927	.3895317	3.184275
#3	6.555064	35.05082	.4080781	.0233742	1.688510	.3878151	3.222070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.14989	7.639605	.2746022	.0080128	3.171401	3.651380	.1699990
Stddev	.05210	.072912	.0049778	.0003413	.033808	.006291	.0010783
%RSD	.3962341	.9543923	1.812748	4.260025	1.066031	.1722943	.6342990

#1	13.12522	7.578463	.2701039	.0076818	3.154595	3.644986	.1706515
#2	13.20974	7.620052	.2799503	.0083636	3.149289	3.651592	.1687544
#3	13.11470	7.720299	.2737525	.0079930	3.210319	3.657563	.1705911

Sample Name: J3591-04 Acquired: 6/25/2018 16:04:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB465 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.431822	.1861531	.2387056
Stddev	.011695	.0010749	.0004218
%RSD	.4808996	.5774250	.1767022

#1	2.419271	.1849250	.2383949
#2	2.442412	.1866111	.2385361
#3	2.433783	.1869231	.2391858

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.013	2507.289	70033.03	8749.421	3537.397
Stddev	11.303	4.846	254.24	35.422	9.067
%RSD	.4572567	.1932690	.3630268	.4048469	.2563163

#1	2480.468	2512.285	70185.69	8776.920	3536.664
#2	2476.396	2506.974	70173.85	8761.893	3546.808
#3	2459.174	2502.609	69739.54	8709.450	3528.718

Sample Name: J3591-05 Acquired: 6/25/2018 16:08:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB465D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944630	-.016391	1.518443	-.045486	-.000370	146.3062	1.313106
Stddev	.0062790	.003037	.007106	.001697	.002583	.4082	.004059
%RSD	6.647016	18.53126	.4679849	3.730890	698.1917	.2790254	.3091180

#1	.0898389	-.019399	1.511642	-.046982	.002277	146.7143	1.313586
#2	.1016112	-.013325	1.517868	-.043642	-.000503	146.3065	1.308828
#3	.0919388	-.016448	1.525819	-.045833	-.002884	145.8979	1.316903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131454	.0243825	35.67103	1.646183	.1812353	.9376693	308.2544
Stddev	.0001461	.0002651	.21225	.000901	.0012417	.0025707	1.9460
%RSD	1.111389	1.087082	.5950222	.0547024	.6851141	.2741597	.6313008

#1	.0131721	.0240776	35.79712	1.645288	.1799379	.9376480	309.8915
#2	.0132763	.0245586	35.78999	1.647089	.1813555	.9351093	308.7689
#3	.0129878	.0245112	35.42598	1.646170	.1824125	.9402506	306.1028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.583663	35.50017	.4110603	.0236786	1.909139	.3984673	3.250934
Stddev	.043991	.29646	.0031024	.0005254	.177099	.0048359	.045938
%RSD	.6681856	.8351072	.7547277	2.218870	9.276357	1.213630	1.413074

#1	6.625642	35.77091	.4074813	.0242758	1.973082	.4038525	3.297855
#2	6.587442	35.54622	.4127150	.0234722	1.708949	.3944957	3.248901
#3	6.537904	35.18337	.4129845	.0232877	2.045386	.3970537	3.206046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.34453	7.702780	.2792510	.0076091	3.221659	3.692593	.1625847
Stddev	.02512	.049754	.0047647	.0002309	.023815	.008367	.0032798
%RSD	.1882497	.6459245	1.706228	3.034421	.7392034	.2265987	2.017296

#1	13.33290	7.648815	.2847479	.0078749	3.194403	3.700948	.1607170
#2	13.32733	7.746829	.2763008	.0074943	3.232127	3.684213	.1606654
#3	13.37336	7.712697	.2767045	.0074581	3.238446	3.692617	.1663718

Sample Name: J3591-05 Acquired: 6/25/2018 16:08:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB465D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.456835	.1906512	.2425245
Stddev	.007237	.0012224	.0007105
%RSD	.2945486	.6411965	.2929687

#1	2.461717	.1920610	.2433044
#2	2.460267	.1900083	.2419138
#3	2.448521	.1898844	.2423554

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.103	2506.968	69942.89	8706.938	3521.540
Stddev	8.050	8.944	204.06	22.296	19.144
%RSD	.3277495	.3567710	.2917479	.2560689	.5436182

#1	2455.058	2516.749	70099.91	8687.812	3541.827
#2	2448.626	2504.949	69712.24	8701.576	3519.000
#3	2464.624	2499.206	70016.53	8731.426	3503.794

Sample Name: J3591-06 Acquired: 6/25/2018 16:12:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB465S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1796704	.1059612	1.527917	.0704842	.2227569	145.4143	6.941602
Stddev	.0019405	.0029406	.007310	.0017166	.0043953	.3548	.200326
%RSD	1.080055	2.775156	.4784596	2.435503	1.973133	.2439852	2.885880

#1	.1781373	.1081328	1.521298	.0708443	.2259063	145.2991	7.139497
#2	.1818521	.1071359	1.526689	.0719923	.2246288	145.8124	6.946379
#3	.1790217	.1026148	1.535763	.0686161	.2177355	145.1314	6.738929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1329490	.1537902	34.08294	2.097000	1.489422	1.592068	298.5406
Stddev	.0028436	.0031114	.08444	.001544	.028542	.025370	1.3326
%RSD	2.138863	2.023120	.2477380	.0736493	1.916346	1.593505	.4463853

#1	.1358350	.1565899	34.01237	2.098768	1.514202	1.615966	297.1923
#2	.1328621	.1543401	34.17649	2.095911	1.495849	1.594793	299.8570
#3	.1301498	.1504405	34.05996	2.096322	1.458213	1.565446	298.5725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.704994	33.95511	1.773991	.1405890	1.868819	1.771639	4.411070
Stddev	.053349	.06698	.030426	.0013444	.090213	.038240	.011699
%RSD	.6923895	.1972570	1.715088	.9562542	4.827249	2.158465	.2652231

#1	7.714161	33.90650	1.801845	.1419227	1.850124	1.804896	4.403614
#2	7.753165	34.03152	1.778607	.1406101	1.966915	1.780166	4.424554
#3	7.647655	33.92733	1.741521	.1392342	1.789419	1.729855	4.405042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.76468	7.549918	.2684311	.0080960	3.140969	3.540187	.1737809
Stddev	.02821	.005176	.0032586	.0002499	.013189	.009780	.0010953
%RSD	.2210062	.0685576	1.213931	3.086691	.4198967	.2762635	.6302526

#1	12.78353	7.553701	.2648988	.0078496	3.144259	3.549828	.1725316
#2	12.77827	7.544019	.2713199	.0083492	3.152201	3.530273	.1742356
#3	12.73225	7.552034	.2690747	.0080891	3.126447	3.540461	.1745756

Sample Name: J3591-06 Acquired: 6/25/2018 16:12:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB465S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.362125	.1826282	.2329209
Stddev	.005502	.0006038	.0004972
%RSD	.2329334	.3305971	.2134459

#1	2.356085	.1824878	.2329503
#2	2.366853	.1821070	.2324098
#3	2.363436	.1832898	.2334028

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.244	2477.173	69599.31	8729.633	3503.131
Stddev	8.550	8.250	113.85	54.685	11.130
%RSD	.3480900	.3330213	.1635743	.6264329	.3177184

#1	2465.544	2486.251	69703.12	8700.370	3515.611
#2	2448.724	2475.133	69617.25	8695.806	3499.548
#3	2454.464	2470.134	69477.56	8792.723	3494.233

Sample Name: J3591-04LX5 Acquired: 6/25/2018 16:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB465L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271172	-.004843	.2875548	-.008375	-.000322	30.53328	.2766643
Stddev	.0020345	.001158	.0029241	.002280	.001294	.10231	.0006113
%RSD	7.502762	23.90819	1.016903	27.22133	401.2995	.3350915	.2209488

#1	.0250177	-.006021	.2878505	-.006007	.001155	30.63864	.2766950
#2	.0290799	-.004801	.2844941	-.008564	-.000866	30.52689	.2772596
#3	.0272538	-.003707	.2903199	-.010555	-.001256	30.43431	.2760382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028912	.0043818	7.612686	.3532756	.0334456	.2010089	65.02419
Stddev	.0000095	.0000814	.071206	.0013083	.0004536	.0037874	.25035
%RSD	.3283639	1.857793	.9353604	.3703400	1.356219	1.884185	.3850053

#1	.0028804	.0044499	7.649119	.3518026	.0332192	.2004391	65.27634
#2	.0028983	.0044037	7.658303	.3537214	.0331498	.2050489	65.02055
#3	.0028948	.0042916	7.530635	.3543027	.0339678	.1975387	64.77569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.407336	7.569645	.0765629	.0048930	.3304860	.0874407	.6896649
Stddev	.004493	.056097	.0007567	.0002560	.1157846	.0015906	.0149243
%RSD	.3192556	.7410733	.9883574	5.231086	35.03464	1.819105	2.163996

#1	1.412187	7.624078	.0762601	.0048606	.2296919	.0886392	.6725512
#2	1.406502	7.512021	.0760044	.0046548	.3048141	.0856361	.6999754
#3	1.403317	7.572837	.0774241	.0051636	.4569519	.0880467	.6964681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.743285	1.432932	.0520702	.0015974	.5823458	.8213243	.0313609
Stddev	.023114	.020550	.0008665	.0001832	.0073066	.0151225	.0015334
%RSD	.8425587	1.434125	1.664044	11.46667	1.254676	1.841232	4.889495

#1	2.721975	1.435576	.0513521	.0014029	.5758931	.8274750	.0304584
#2	2.767857	1.411188	.0530326	.0017666	.5808648	.8040957	.0304928
#3	2.740024	1.452032	.0518259	.0016228	.5902793	.8324023	.0331313

Sample Name: J3591-04LX5 Acquired: 6/25/2018 16:16:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB465L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5236991	.0388716	.0514965
Stddev	.0006435	.0016066	.0001444
%RSD	.1228713	4.133109	.2803448

#1	.5233254	.0401510	.0516519
#2	.5244422	.0393954	.0513666
#3	.5233298	.0370685	.0514709

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.905	2272.432	62572.14	7654.535	3752.556
Stddev	2.286	18.647	149.73	61.673	25.696
%RSD	.1029752	.8205780	.2392990	.8057000	.6847499

#1	2217.326	2278.712	62656.75	7589.015	3760.885
#2	2221.683	2287.128	62399.26	7663.131	3773.054
#3	2220.706	2251.456	62660.42	7711.458	3723.729

Sample Name: PB110305BS Acquired: 6/25/2018 16:28:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221761	.0488068	.0189247	.0659932	.1141580	.3886819
Stddev	.0010106	.0007208	.0018854	.0040973	.0007781	.0064318
%RSD	4.557209	1.476916	9.962810	6.208610	.6816359	1.654770

#1	.0233396	.0486161	.0205910	.0692874	.1133486	.3817369
#2	.0215169	.0482005	.0168781	.0614052	.1142249	.3944333
#3	.0216718	.0496038	.0193050	.0672870	.1149006	.3898754

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3960046	.0097443	.0094169	9.624238	.0213425	.0905418
Stddev	.0023011	.0000633	.0000119	.031482	.0008028	.0001842
%RSD	.5810842	.6494059	.1262639	.3271068	3.761662	.2034161

#1	.3986593	.0096914	.0094261	9.658133	.0207338	.0904989
#2	.3947751	.0097272	.0094035	9.618669	.0222524	.0907437
#3	.3945794	.0098144	.0094211	9.595913	.0210414	.0903829

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493794	.1808276	.0319262	9.195601	.0793235	.0189665
Stddev	.0010804	.0089385	.0015219	.029571	.0002718	.0003645
%RSD	2.187890	4.943086	4.766946	.3215805	.3426652	1.921656

#1	.0481381	.1911049	.0333146	9.227702	.0790712	.0190676
#2	.0501080	.1765130	.0302990	9.169470	.0796114	.0192697
#3	.0498921	.1748649	.0321648	9.189630	.0792879	.0185621

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.279934	.1033700	.1174111	9.320976	.0245723	F .0130290
Stddev	.058916	.0042769	.0061349	.043459	.0016745	.0010995
%RSD	.6348784	4.137502	5.225154	.4662460	6.814507	8.438584

#1	9.340745	.1080087	.1242548	9.274617	.0265058	.0135269
#2	9.275942	.0995830	.1124050	9.360793	.0235916	.0137915
#3	9.223115	.1025183	.1155736	9.327518	.0236196	.0117687

Sample Name: PB110305BS Acquired: 6/25/2018 16:28:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199333	.1552561	.1879783	F .0133241	.1994820	.0950623
Stddev	.0003652	.0042880	.0010940	.0007260	.0013832	.0010036
%RSD	1.832012	2.761913	.5819936	5.448743	.6934062	1.055742

#1	.0198474	.1507672	.1867517	.0133983	.1980506	.0949330
#2	.0196188	.1556910	.1883298	.0140102	.1995838	.0961243
#3	.0203339	.1593101	.1888534	.0125639	.2008115	.0941296

Elem	Sr4077
Units	ppm
Avg	.1955225
Stddev	.0007873
%RSD	.4026712

#1	.1963554
#2	.1947904
#3	.1954216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.206	2196.413	60002.75	7393.709	3799.557
Stddev	26.622	9.241	777.37	32.510	9.250
%RSD	1.255026	.4207403	1.295560	.4396966	.2434488

#1	2146.649	2190.097	60631.37	7424.776	3803.773
#2	2093.545	2207.020	59133.52	7359.926	3805.949
#3	2123.425	2192.123	60243.35	7396.424	3788.951

Sample Name: PB110508BL Acquired: 6/25/2018 16:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032637	-.000918	-.000124	-.001185	-.000528	.0021559	-.002044
Stddev	.0016629	.001436	.001522	.002860	.001513	.0040624	.000406
%RSD	50.95018	156.4255	1225.069	241.4227	286.6004	188.4301	19.86098

#1	.0037966	-.001519	.001163	.001560	-.001242	.0057411	-.001763
#2	.0013997	.000721	.000269	-.004148	.001210	.0029831	-.001859
#3	.0045949	-.001956	-.001805	-.000966	-.001551	-.002256	-.002509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000833	.0000371	.0097807	.0001266	.0004217	.0012812	-.005724
Stddev	.0000249	.0000336	.0096539	.0002551	.0001229	.0019332	.004679
%RSD	29.94705	90.62116	98.70354	201.4830	29.15065	150.8885	81.73357

#1	.0000873	.0000755	.0008593	.0000153	.0005485	.0027287	-.001760
#2	.0001060	.0000227	.0084532	-.000054	.0004137	-.000914	-.010885
#3	.0000566	.0000131	.0200297	.000418	.0003030	.002029	-.004527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004030	-.021637	.0001095	.0003884	-.148992	.0019790	.0097938
Stddev	.0004250	.044802	.0000787	.0000889	.099919	.0024133	.0075829
%RSD	105.4675	207.0603	71.87805	22.89637	67.06329	121.9478	77.42503

#1	.0007161	-.032747	.0000579	.0004876	-.088584	.0008248	.0061037
#2	-.000081	-.059839	.0000705	.0003621	-.264325	.0003595	.0185155
#3	.000574	.027675	.0002001	.0003156	-.094067	.0047527	.0047624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.107749	.0015476	-.004601	.0003069	-.018360	-.002709	-.000547
Stddev	.028113	.0013900	.001527	.0006033	.003124	.001041	.000930
%RSD	26.09100	89.81710	33.18727	196.5968	17.01542	38.42683	170.1781

#1	-.086371	.0027839	-.005933	.0000576	-.019194	-.002189	-.000984
#2	-.139593	.0018158	-.002935	.0009949	-.020982	-.002030	-.001178
#3	-.097281	.0000430	-.004935	-.000132	-.014903	-.003907	.000522

Sample Name: PB110508BL Acquired: 6/25/2018 16:32:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002901	-.000394	-.000011
Stddev	.0014823	.000287	.000074
%RSD	510.9725	72.99631	656.2803

#1	-.001318	-.000722	-.000057
#2	.001602	-.000273	.000075
#3	.000586	-.000186	-.000052

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.251	2252.938	61064.72	7317.600	3923.580
Stddev	1.858	7.421	366.43	57.036	15.209
%RSD	.0856204	.3293871	.6000724	.7794307	.3876225

#1	2168.598	2259.930	60944.99	7313.275	3936.572
#2	2169.894	2245.152	61476.04	7376.675	3906.851
#3	2172.262	2253.734	60773.13	7262.850	3927.317

Sample Name: PB110508BS Acquired: 6/25/2018 16:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224234	.0500237	.0183812	.0660306	.1187156	.3854360
Stddev	.0029832	.0028584	.0010813	.0016348	.0004418	.0067425
%RSD	13.30402	5.714045	5.882830	2.475877	.3721830	1.749318

#1	.0189883	.0472549	.0171564	.0649074	.1191325	.3902450
#2	.0239186	.0498523	.0192036	.0652782	.1182524	.3883341
#3	.0243634	.0529640	.0187837	.0679061	.1187619	.3777290

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3948618	.0097828	.0096867	9.737291	.0210798	.0933477
Stddev	.0009671	.0001146	.0002010	.066548	.0004460	.0015569
%RSD	.2449190	1.171866	2.074842	.6834299	2.115580	1.667802

#1	.3959757	.0097374	.0094551	9.680252	.0213060	.0918290
#2	.3942353	.0096977	.0097905	9.810403	.0213673	.0932740
#3	.3943746	.0099131	.0098146	9.721217	.0205661	.0949401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507333	.1871768	.0325383	9.197481	.0817299	.0185428
Stddev	.0008522	.0017038	.0003855	.027653	.0012619	.0003997
%RSD	1.679718	.9102374	1.184625	.3006607	1.544031	2.155669

#1	.0516809	.1875579	.0321010	9.168298	.0803255	.0180822
#2	.0504890	.1886578	.0328287	9.223297	.0820959	.0187990
#3	.0500299	.1853148	.0326852	9.200847	.0827684	.0187471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.434986	.1047761	.1185958	9.447618	F .0263927	F .0139765
Stddev	.115827	.0009735	.0058030	.036455	.0011200	.0009162
%RSD	1.227631	.9291628	4.893110	.3858603	4.243507	6.555563

#1	9.533805	.1052375	.1202905	9.412085	.0250997	.0138926
#2	9.307525	.1036576	.1121340	9.445841	.0270221	.0131051
#3	9.463627	.1054331	.1233627	9.484929	.0270565	.0149318

Sample Name: PB110508BS Acquired: 6/25/2018 16:37:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208135	.1523729	.1909081	F .0131913	.2007625	.0939552
Stddev	.0001907	.0051563	.0011803	.0006133	.0016963	.0013945
%RSD	.9162920	3.383979	.6182316	4.648960	.8449545	1.484256

#1	.0206286	.1496752	.1916043	.0138563	.1996402	.0923899
#2	.0208023	.1491251	.1895454	.0130693	.1999334	.0950649
#3	.0210096	.1583184	.1915746	.0126482	.2027140	.0944109

Elem	Sr4077
Units	ppm
Avg	.1951596
Stddev	.0003095
%RSD	.1586060

#1	.1949986
#2	.1949638
#3	.1955165

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.431	2211.257	60799.98	7376.310	3824.579
Stddev	6.912	6.372	304.80	29.448	11.973
%RSD	.3191807	.2881448	.5013234	.3992269	.3130441

#1	2173.409	2211.619	61150.41	7408.989	3827.937
#2	2161.242	2217.439	60596.45	7351.830	3834.515
#3	2161.643	2204.711	60653.07	7368.112	3811.286

Sample Name: J3651-01 Acquired: 6/25/2018 16:41:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266750	.0007184	-.001826	-.001366	-.001765	.0087465	.0111606
Stddev	.0023083	.0012623	.001227	.001239	.000905	.0089917	.0009410
%RSD	8.653314	175.7039	67.19254	90.68571	51.29223	102.8042	8.431414

#1	.0240882	-.000136	-.003039	-.000518	-.001075	.0191202	.0113926
#2	.0274123	.000123	-.000586	-.002788	-.002790	.0039353	.0101253
#3	.0285246	.002168	-.001853	-.000793	-.001430	.0031839	.0119639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001512	-.000009	64.42958	.0005592	-.001007	.0007801	-.021547
Stddev	.0000827	.000092	.17774	.0002416	.000159	.0029244	.011104
%RSD	54.71646	1063.829	.2758704	43.21531	15.76023	374.8862	51.53338

#1	.0001061	.000095	64.32923	.0008121	-.000947	.0000236	-.019663
#2	.0001008	-.000037	64.63480	.0005348	-.001187	-.001692	-.033473
#3	.0002467	-.000083	64.32470	.0003306	-.000888	.004008	-.011506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008170	30.35865	.0030022	.0003731	4.704529	.0001898	.0123491
Stddev	.0006037	.13640	.0004580	.0003651	.118026	.0023619	.0072526
%RSD	73.88915	.4492837	15.25716	97.85501	2.508768	1244.263	58.72934

#1	.0002790	30.39060	.0025530	.0007895	4.754496	-.002404	.0207228
#2	.0014699	30.47624	.0029849	.0001080	4.569739	.000758	.0082684
#3	.0007022	30.20912	.0034686	.0002218	4.789353	.002216	.0080562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.748297	.0018693	.0002692	.0015347	46.36554	1.246554	-.003251
Stddev	.057903	.0015163	.0003385	.0003585	.45040	.003268	.001240
%RSD	7.737915	81.11315	125.7734	23.36100	.9714140	.2621266	38.13936

#1	-.814963	.0013773	.0005186	.0011228	45.91135	1.245371	-.004156
#2	-.719376	.0035705	-.000116	.0017047	46.37321	1.250248	-.003760
#3	-.710552	.0006602	.000405	.0017766	46.81205	1.244043	-.001838

Sample Name: J3651-01 Acquired: 6/25/2018 16:41:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001114	.0104588	1.191347
Stddev	.000717	.0003278	.004075
%RSD	64.38517	3.133742	.3420458

#1	-.000913	.0104923	1.186642
#2	-.001910	.0107685	1.193738
#3	-.000519	.0101156	1.193662

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.365	2308.027	63804.08	7760.322	3965.918
Stddev	42.319	17.319	946.07	13.186	29.833
%RSD	1.848487	.7503872	1.482774	.1699211	.7522404

#1	2281.237	2324.999	63644.53	7769.789	3995.095
#2	2251.700	2308.701	62947.93	7765.915	3967.190
#3	2335.158	2290.380	64819.79	7745.260	3935.469

Sample Name: J3651-02 Acquired: 6/25/2018 16:45:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076698	.0010450	-.002292	-.001992	-.002374	.0479597	.0020564
Stddev	.0021693	.0018806	.001710	.002751	.001655	.0014390	.0002058
%RSD	28.28278	179.9710	74.61799	138.1137	69.72477	3.000408	10.00917

#1	.0099200	.0029715	-.001959	.000915	-.004164	.0479062	.0019305
#2	.0055917	-.000786	-.000773	-.004556	-.002058	.0494247	.0022939
#3	.0074979	.000949	-.004144	-.002335	-.000899	.0465482	.0019448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001392	-.000093	7.418031	.0002744	-.000240	.0020400	.0246442
Stddev	.0000406	.000089	.102090	.0001201	.000123	.0031974	.0100313
%RSD	29.15848	95.82980	1.376235	43.76580	51.36091	156.7381	40.70452

#1	.0001289	.000002	7.345603	.0001399	-.000167	.0030070	.0166526
#2	.0001048	-.000107	7.373696	.0003123	-.000383	-.001529	.0359015
#3	.0001840	-.000174	7.534792	.0003709	-.000171	.004642	.0213787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020454	2.270904	.0006122	.0002094	2.421819	.0011219	-.000237
Stddev	.0005747	.090867	.0003506	.0003147	.236157	.0020677	.006394
%RSD	28.10032	4.001346	57.26899	150.2997	9.751237	184.2953	2699.224

#1	.0014072	2.205317	.0003359	-.000122	2.295071	.0020823	-.007409
#2	.0025221	2.232772	.0004942	.000505	2.276096	-.001251	.001832
#3	.0022068	2.374624	.0010067	.000245	2.694290	.002535	.004866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.33405	.0017420	-.003569	.0000739	2.533089	1.038068	-.001847
Stddev	.00850	.0005246	.000578	.0000980	.034186	.006281	.000763
%RSD	.6368457	30.11518	16.20123	132.6762	1.349584	.6050647	41.32945

#1	-1.32446	.0018620	-.002912	.0001263	2.501420	1.032224	-.001173
#2	-1.34065	.0011678	-.003795	-.000039	2.569332	1.037269	-.002676
#3	-1.33702	.0021962	-.004001	.000134	2.528515	1.044710	-.001693

Sample Name: J3651-02 Acquired: 6/25/2018 16:45:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002654	-.000797	.0817389
Stddev	.0018910	.001212	.0013421
%RSD	712.5097	152.1142	1.641909

#1	.0019387	.000511	.0810804
#2	-.001786	-.001020	.0808531
#3	.000643	-.001882	.0832830

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.390	2331.254	64079.81	7706.867	4072.595
Stddev	60.661	27.702	1641.48	106.449	47.538
%RSD	2.639291	1.188305	2.561619	1.381229	1.167268

#1	2236.872	2355.004	62520.55	7762.550	4113.275
#2	2300.140	2300.822	63926.17	7773.925	4020.338
#3	2358.157	2337.936	65792.71	7584.125	4084.174

Sample Name: J3651-03 Acquired: 6/25/2018 16:49:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0609656	.0022910	-.000028	-.000946	-.001395	.0488619	.1848632
Stddev	.0027194	.0028572	.000586	.002475	.001432	.0063511	.0031815
%RSD	4.460549	124.7123	2109.308	261.6966	102.6535	12.99813	1.720993

#1	.0580232	.0003678	-.000584	-.000443	-.000322	.0427095	.1816604
#2	.0614874	.0055741	.000584	-.003634	-.000841	.0553946	.1849063
#3	.0633863	.0009311	-.000083	.001239	-.003020	.0484816	.1880229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001464	-.000047	23.93207	.0002499	-.000501	.0004449	.4322800
Stddev	.0000374	.000131	.36778	.0001251	.000351	.0025955	.0073969
%RSD	25.52615	276.6741	1.536763	50.04871	69.96279	583.4642	1.711145

#1	.0001502	.000006	23.76944	.0001586	-.000622	.0029941	.4254373
#2	.0001817	-.000197	23.67364	.0001987	-.000106	-.002195	.4312745
#3	.0001072	.000048	24.35313	.0003925	-.000775	.000535	.4401283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342798	9.599055	.0006647	-.000036	15.79589	.0001674	.0143980
Stddev	.0003370	.174374	.0001470	.000539	.22129	.0034243	.0020306
%RSD	.9830705	1.816572	22.11655	1478.078	1.400947	2045.635	14.10345

#1	.0339049	9.572753	.0007413	-.000029	15.69411	-.003541	.0132345
#2	.0343769	9.439327	.0004952	.000499	15.64381	.003209	.0167428
#3	.0345575	9.785086	.0007576	-.000579	16.04976	.000835	.0132168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.501309	.0027166	.0267696	.0002445	6.023200	1.973319	-.002716
Stddev	.046113	.0022001	.0004841	.0001172	.064273	.019571	.000366
%RSD	9.198591	80.98741	1.808532	47.94931	1.067092	.9917565	13.49123

#1	-.465307	.0002192	.0264074	.0002986	5.983438	1.959879	-.003136
#2	-.553285	.0035620	.0273195	.0001100	5.988809	1.964306	-.002546
#3	-.485334	.0043686	.0265819	.0003248	6.097351	1.995772	-.002465

Sample Name: J3651-03 Acquired: 6/25/2018 16:49:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS50 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000453	.0123894	1.013526
Stddev	.000281	.0008406	.015137
%RSD	62.09535	6.784398	1.493519

#1	-.000464	.0125571	1.002194
#2	-.000729	.0114777	1.007667
#3	-.000167	.0131335	1.030717

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.605	2270.404	63365.34	7546.516	3934.549
Stddev	16.109	20.015	599.32	86.629	27.809
%RSD	.7097775	.8815627	.9458228	1.147931	.7067803

#1	2253.894	2284.251	62843.53	7603.260	3956.565
#2	2286.084	2279.506	64019.91	7589.486	3943.785
#3	2268.836	2247.456	63232.58	7446.802	3903.298

Sample Name: J3651-04 Acquired: 6/25/2018 16:53:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020167	.0016773	-.000987	-.004198	-.001795	.0865824	-.000201
Stddev	.0026480	.0024249	.000745	.003450	.002154	.0046789	.000615
%RSD	131.3082	144.5716	75.45167	82.18015	120.0403	5.404016	305.7323

#1	.0036353	-.001123	-.000898	-.001177	.000439	.0901580	-.000553
#2	.0034539	.003108	-.001772	-.003459	-.001964	.0883022	.000509
#3	-.001039	.003046	-.000291	-.007957	-.003859	.0812869	-.000559

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001520	-.000039	2.282502	-.000100	.0001028	-.000484	.0675509
Stddev	.0000411	.000072	.006573	.000091	.0001346	.002451	.0047833
%RSD	27.00390	183.6135	.2879754	90.49457	130.8758	506.4589	7.080989

#1	.0001184	-.000104	2.289092	-.000095	-.000008	-.001242	.0626929
#2	.0001399	-.000051	2.282467	-.000012	.000253	-.002467	.0722558
#3	.0001978	.000038	2.275946	-.000193	.000064	.002257	.0677041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077175	2.569421	.0003996	.0003715	23.82778	-.000706	.0064295
Stddev	.0004624	.018352	.0003615	.0001249	.10153	.001545	.0064703
%RSD	5.991905	.7142645	90.44846	33.60872	.4261137	218.8552	100.6359

#1	.0081224	2.590300	.0001825	.0005009	23.94242	-.002254	.0138638
#2	.0072136	2.555839	.0008169	.0002517	23.74919	-.000699	.0020695
#3	.0078164	2.562125	.0001995	.0003619	23.79172	.000836	.0033551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.469482	.0013897	.0065917	.0001632	1.680863	.4051503	-.001184
Stddev	.033481	.0016967	.0003717	.0002280	.019105	.0016007	.001208
%RSD	7.131379	122.0846	5.639227	139.6950	1.136589	.3950912	102.0646

#1	-.486864	-.000449	.0064825	.0003221	1.667781	.4037910	-.001086
#2	-.490696	.002895	.0062868	-.000098	1.672021	.4047452	-.000027
#3	-.430885	.001723	.0070058	.000265	1.702787	.4069146	-.002438

Sample Name: J3651-04 Acquired: 6/25/2018 16:53:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011205	-.001831	.0277686
Stddev	.0007839	.001528	.0000180
%RSD	69.96249	83.42712	.0647444

#1	.0020112	-.001334	.0277841
#2	.0008148	-.003546	.0277730
#3	.0005355	-.000614	.0277489

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.273	2315.306	63344.27	7696.267	4002.220
Stddev	1.305	5.995	119.81	16.686	11.730
%RSD	.0571958	.2589439	.1891406	.2168108	.2930834

#1	2280.776	2319.322	63263.94	7677.725	4002.482
#2	2282.872	2318.181	63481.98	7710.075	4013.817
#3	2283.172	2308.414	63286.89	7701.000	3990.361

Sample Name: J3651-05 Acquired: 6/25/2018 16:57:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038496	.0007271	-.001353	-.003043	-.003095	.0730198	.0013110
Stddev	.0013529	.0011532	.000893	.003283	.001096	.0033108	.0001263
%RSD	35.14462	158.6039	66.04264	107.8827	35.41024	4.534111	9.635019

#1	.0023242	.0019087	-.000655	-.004607	-.004328	.0715237	.0013246
#2	.0049043	-.000396	-.001043	.000729	-.002231	.0768146	.0014299
#3	.0043203	.000668	-.002360	-.005251	-.002727	.0707211	.0011784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001227	.0000540	3.732587	.0001372	.0000518	.0006471	.0523865
Stddev	.0000745	.0000525	.023245	.0001766	.0000504	.0008063	.0106296
%RSD	60.68492	97.10501	.6227506	128.7552	97.35492	124.6027	20.29073

#1	.0000869	.0000393	3.705768	.0003358	.0001031	-.000181	.0603831
#2	.0002084	.0000105	3.746926	-.000002	.0000500	.000692	.0403241
#3	.0000729	.0001123	3.745068	.000078	.0000023	.001430	.0564523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028622	1.120495	.0007106	.0004750	7.854978	.0005778	.0070657
Stddev	.0009961	.004447	.0005050	.0002263	.064009	.0025520	.0018907
%RSD	34.80292	.3968501	71.06755	47.63426	.8148886	441.6449	26.75861

#1	.0033486	1.119130	.0010755	.0002972	7.796756	.0006763	.0049563
#2	.0017163	1.116891	.0001342	.0003981	7.923520	.0030791	.0086079
#3	.0035217	1.125464	.0009219	.0007297	7.844658	-.002022	.0076328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.08822	.0067599	.0011076	.0001658	.7107606	.9818387	-.001334
Stddev	.00649	.0024531	.0003605	.0001210	.0020449	.0030212	.001089
%RSD	.5959526	36.28894	32.54977	72.95379	.2877029	.3077081	81.61469

#1	-1.08851	.0063459	.0012933	.0001872	.7129739	.9785321	-.001110
#2	-1.08160	.0093937	.0013374	.0002747	.7089416	.9825291	-.000375
#3	-1.09456	.0045402	.0006921	.0000356	.7103663	.9844550	-.002517

Sample Name: J3651-05 Acquired: 6/25/2018 16:57:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS54 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000302	-.001522	.0317573
Stddev	.001321	.000358	.0000693
%RSD	437.7587	23.50693	.2182760

#1	-.001661	-.001157	.0317862
#2	.000977	-.001872	.0316782
#3	-.000221	-.001536	.0318074

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.483	2323.958	63712.96	7716.525	4051.775
Stddev	1.881	7.467	116.44	40.314	13.207
%RSD	.0825487	.3213214	.1827536	.5224387	.3259538

#1	2280.645	2329.554	63744.46	7754.975	4055.788
#2	2277.225	2326.842	63810.40	7720.025	4062.509
#3	2277.578	2315.479	63584.01	7674.575	4037.026

Sample Name: J3403-01A Acquired: 6/25/2018 17:05:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292035	-.012533	1.342841	.0535427	.0067117	87.23988	1.259767
Stddev	.0055726	.000444	.008621	.0013598	.0022409	.25062	.002363
%RSD	4.313025	3.539047	.6419928	2.539584	33.38804	.2872750	.1875914

#1	.1263028	-.012065	1.335786	.0541282	.0051356	87.52927	1.261142
#2	.1356280	-.012947	1.340287	.0519883	.0057226	87.09543	1.261120
#3	.1256795	-.012586	1.352451	.0545117	.0092771	87.09495	1.257038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066450	.0390035	171.1556	.1510423	.0787995	.4776594	185.8698
Stddev	.0000671	.0002731	.7467	.0002382	.0007502	.0045270	.5619
%RSD	1.009354	.7002915	.4362478	.1576747	.9519815	.9477364	.3023179

#1	.0066813	.0386948	171.9835	.1509149	.0780601	.4828507	186.5145
#2	.0065676	.0391023	170.5332	.1513171	.0787782	.4745341	185.4842
#3	.0066861	.0392136	170.9501	.1508950	.0795600	.4755933	185.6108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.428726	44.73516	.1178276	.0080230	2.003153	.4283926	1.079311
Stddev	.015343	.06011	.0012830	.0002554	.118450	.0026823	.007182
%RSD	.3464514	.1343770	1.088884	3.183746	5.913174	.6261226	.6654502

#1	4.446053	44.73861	.1164369	.0077938	1.911983	.4267295	1.083844
#2	4.416861	44.79348	.1180806	.0082984	1.960441	.4314869	1.071030
#3	4.423264	44.67340	.1189653	.0079767	2.137036	.4269614	1.083059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.94761	7.922160	.1989659	.0077025	2.796337	31.53738	.0080718
Stddev	.07987	.033812	.0024105	.0002992	.022226	.06131	.0011616
%RSD	.3480373	.4268077	1.211495	3.884615	.7948194	.1944009	14.39092

#1	22.87375	7.885329	.2016089	.0074674	2.772245	31.53182	.0090920
#2	23.03236	7.929358	.1968886	.0076008	2.800724	31.47904	.0083158
#3	22.93673	7.951795	.1984002	.0080393	2.816042	31.60128	.0068075

Sample Name: J3403-01A Acquired: 6/25/2018 17:05:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP3A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.322214	.1020932	.5580248
Stddev	.010716	.0001053	.0008574
%RSD	.3225453	.1031005	.1536519

#1	3.333684	.1020564	.5587849
#2	3.320497	.1020113	.5581940
#3	3.312459	.1022119	.5570953

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.640	2319.689	65740.61	8276.403	3434.486
Stddev	6.103	10.504	207.31	16.173	15.032
%RSD	.2651511	.4528221	.3153452	.1954059	.4376843

#1	2297.845	2330.206	65849.08	8265.953	3444.977
#2	2298.395	2319.664	65501.57	8295.031	3441.217
#3	2308.680	2309.198	65871.18	8268.224	3417.265

Sample Name: CCV037 Acquired: 6/25/2018 17:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876717	4.755429	23.91564	4.791023	5.018586	438.9491	10.40548
Stddev	.022083	.041783	.05062	.017737	.008592	25.3530	.59864
%RSD	.4528341	.8786390	.2116686	.3702182	.1712047	5.775842	5.753110

#1	4.879240	4.721244	23.91509	4.777242	5.017086	423.2088	10.03574
#2	4.853480	4.743035	23.86529	4.784792	5.010842	468.1958	11.09615
#3	4.897430	4.802006	23.96653	4.811035	5.027829	425.4427	10.08454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4969037	2.372613	428.3587	14.77950	2.375732	15.44682	437.5640
Stddev	.0246930	.005418	24.0731	.04562	.004552	.87851	25.4389
%RSD	4.969375	.2283500	5.619851	.3086568	.1916227	5.687306	5.813750

#1	.4808074	2.374774	412.9153	14.82793	2.380699	14.87636	420.8731
#2	.5253339	2.366448	456.0964	14.77323	2.371758	16.45849	466.8426
#3	.4845699	2.376617	416.0644	14.73734	2.374739	15.00563	424.9763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88893	420.2439	2.469386	1.198045	429.2725	2.529741	14.29277
Stddev	.85876	24.4985	.009083	.003143	23.8524	.152241	.14704
%RSD	5.767743	5.829599	.3678383	.2623217	5.556474	6.018031	1.028793

#1	14.34790	404.2204	2.470361	1.201182	414.6980	2.426797	14.28791
#2	15.87912	448.4451	2.459855	1.198057	456.7990	2.704619	14.44219
#3	14.43978	408.0662	2.477943	1.194897	416.3206	2.457806	14.14822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.6187	5.057003	4.950730	4.839864	4.981058	4.918237	4.932907
Stddev	8.9048	.031786	.255995	.012118	.049671	.255699	.015121
%RSD	5.722216	.6285580	5.170858	.2503787	.9971893	5.199006	.3065377

#1	150.0849	5.023602	4.772141	4.831731	4.962998	4.738479	4.927107
#2	165.8908	5.060527	5.244017	4.834070	4.942944	5.210965	4.921544
#3	150.8803	5.086881	4.836031	4.853792	5.037232	4.805268	4.950069

Sample Name: CCV037 Acquired: 6/25/2018 17:09:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV037 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.064624	5.166937	4.981314
Stddev	.300921	.291084	.285917
%RSD	5.941623	5.633591	5.739794

#1	4.883053	4.980695	4.789580
#2	5.411978	5.502371	5.309941
#3	4.898841	5.017745	4.844422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.474	1825.804	53102.79	6734.057	2844.754
Stddev	3.325	3.488	194.48	325.814	4.145
%RSD	.1831495	.1910517	.3662268	4.838301	.1456900

#1	1813.037	1829.344	52947.26	6959.695	2847.026
#2	1814.122	1825.697	53040.27	6360.527	2847.266
#3	1819.262	1822.370	53320.83	6881.950	2839.970

Sample Name: CCB037 Acquired: 6/25/2018 17:13:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000107	.0005525	-.000462	-.000239	-.000428	.0156353	-.002058
Stddev	.003635	.0006068	.001178	.003127	.001509	.0035020	.000329
%RSD	3394.378	109.8338	255.1659	1305.923	352.7326	22.39810	15.96087

#1	-.003830	.0012513	-.001809	-.001644	.000848	.0164760	-.001742
#2	.000076	.0002463	.000368	.003344	-.000038	.0186403	-.002035
#3	.003433	.0001598	.000056	-.002418	-.002094	.0117894	-.002398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000750	.0000285	.0193978	.0001900	.0002509	-.001153	.0136968
Stddev	.0000208	.0000693	.0097844	.0001905	.0000461	.002063	.0112811
%RSD	27.79878	243.0464	50.44086	100.2761	18.36004	178.9592	82.36334

#1	.0000582	.0000335	.0103768	-.000005	.0001978	-.003495	.0088431
#2	.0000685	.0000951	.0297990	.000376	.0002802	.000394	.0056549
#3	.0000983	-.000043	.0180176	.000200	.0002747	-.000357	.0265924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008938	-.017256	.0001334	.0005051	-.065845	.0002511	.0092427
Stddev	.0008633	.008954	.0002745	.0003988	.125242	.0010088	.0115890
%RSD	96.58099	51.89213	205.7683	78.95762	190.2090	401.7433	125.3852

#1	-.000098	-.015515	-.000175	.0009460	-.046440	-.000835	.0028541
#2	.001479	-.009300	.000226	.0001698	.048563	.001159	.0226201
#3	.001300	-.026952	.000350	.0003994	-.199657	.000429	.0022540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084154	-.000969	.0001860	.0001462	-.010717	-.000694	-.001312
Stddev	.0202779	.001958	.0005099	.0002914	.003832	.001164	.000645
%RSD	240.9607	202.1151	274.1395	199.3488	35.75222	167.6504	49.17395

#1	-.007377	.000904	-.000403	.0004711	-.010291	-.001598	-.000842
#2	.001341	-.003002	.000488	.0000596	-.007116	.000619	-.002047
#3	.031283	-.000808	.000473	-.000092	-.014744	-.001105	-.001046

Sample Name: CCB037 Acquired: 6/25/2018 17:13:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v579) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB037 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000784	.0000173	.0000923
Stddev	.000909	.0006400	.0000258
%RSD	116.0452	3694.107	27.98888

#1	.000121	-.000582	.0001126
#2	-.000774	-.000057	.0000632
#3	-.001698	.000691	.0001012

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.385	2197.375	60773.68	7419.567	3826.232
Stddev	6.633	5.535	20.34	32.489	12.724
%RSD	.3061899	.2518712	.0334665	.4378851	.3325339

#1	2172.860	2200.935	60770.40	7453.775	3829.429
#2	2159.604	2200.190	60755.17	7389.125	3837.052
#3	2166.692	2190.998	60795.45	7415.800	3812.215