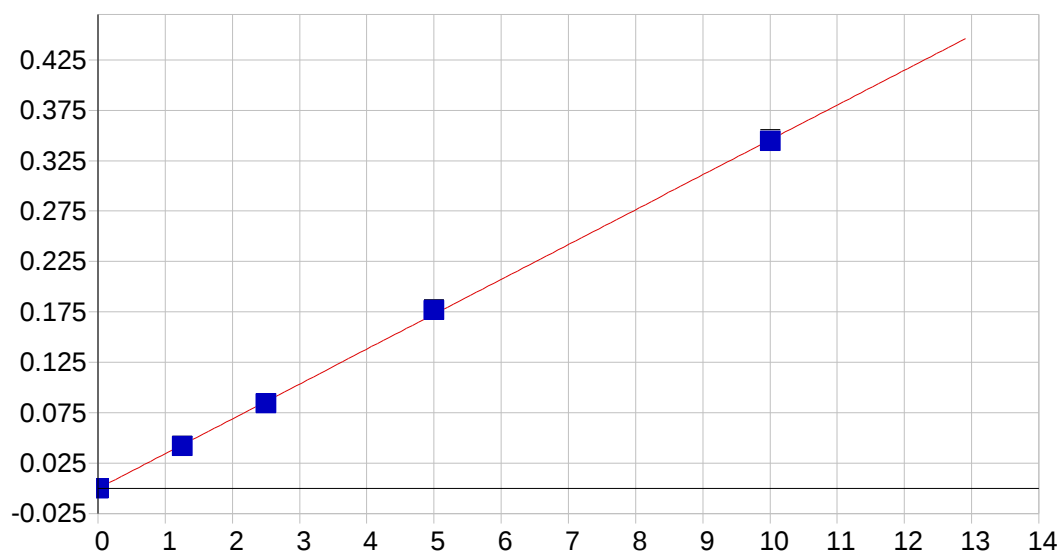


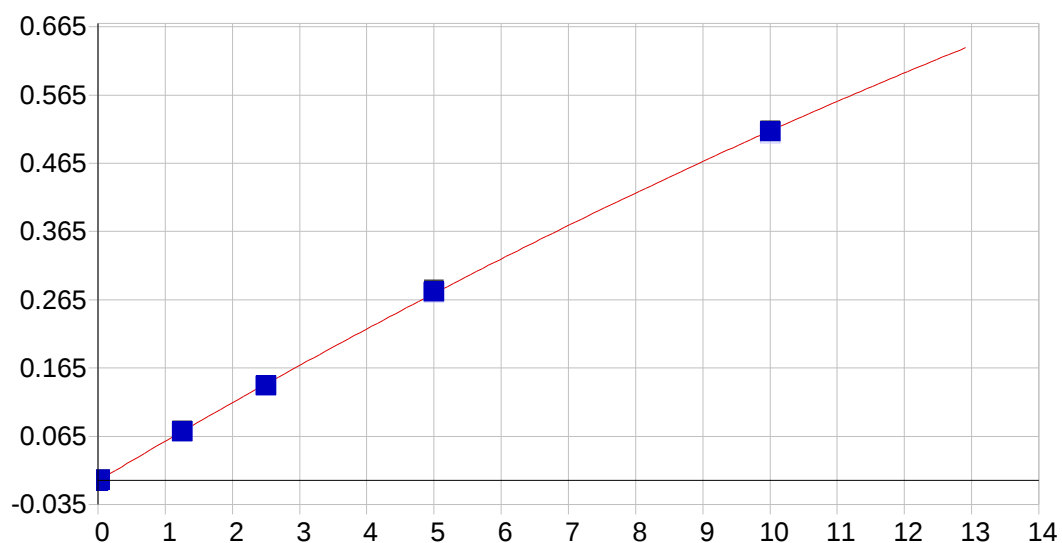


As 189.042 {479}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000162	Re-Slope: 1.000000
A1 (Gain):	0.034575	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999850	Status: OK.
Std Error of Est:	0.000010	
Predicted MDL:	0.003537	
Predicted MQL:	0.011789	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.01155	.002	15.5	.00024	.000	1
S2	1.2500	1.2132	-.037	-2.95	.04179	.000	1
S3	2.5000	2.4430	-.057	-2.28	.08432	.000	1
S4	5.0000	5.1208	.121	2.42	.17691	.000	1
S5	10.000	9.9715	-.029	-.285	.34465	.001	1

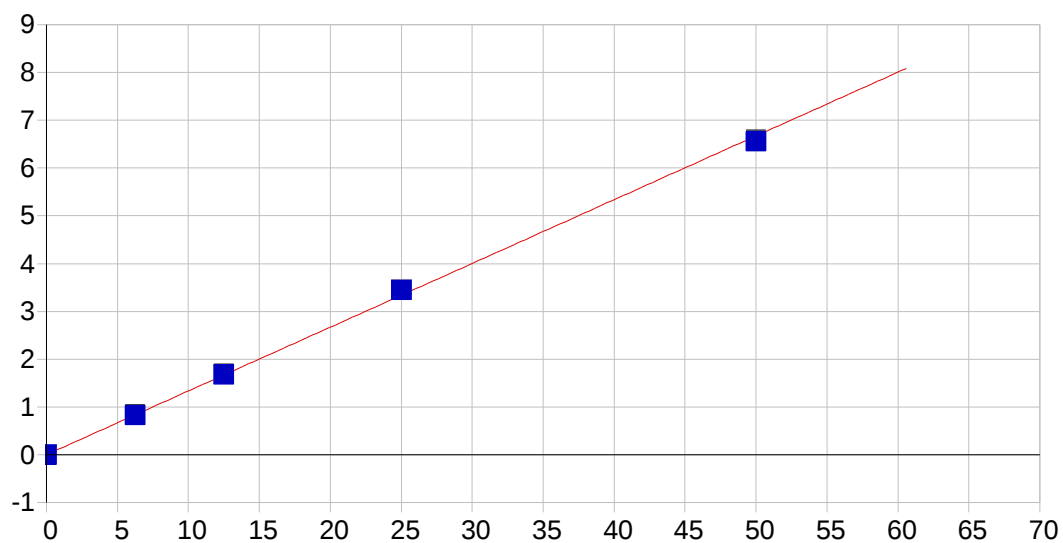


TI 190.856 {477}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000182 Re-Slope: 1.000000
 A1 (Gain): 0.058505 Y-int: 0.000000
 A2 (Curvature): -0.000725
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.001674
 Predicted MQL: 0.005581

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02500	.02505	.000	.219	.00126	.000	1
S2	1.2500	1.2587	.009	.698	.07187	.000	1
S3	2.5000	2.4568	-.043	-1.73	.13830	.001	1
S4	5.0000	5.0524	.052	1.05	.27514	.002	1
S5	10.000	9.9816	-.018	-.184	.50804	.001	1

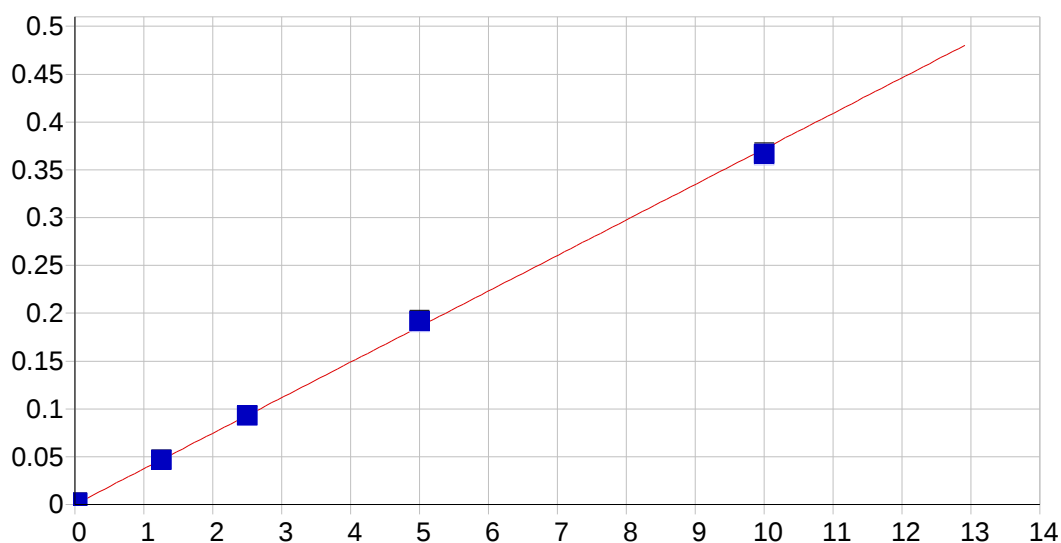


Pb 220.353 {453}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000202 Re-Slope: 1.000000
 A1 (Gain): 0.133441 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999772 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.001530
 Predicted MQL: 0.005102

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.01026	.000	2.62	.00118	.000	1
S2	6.2500	6.2189	-.031	-.497	.83097	.002	1
S3	12.500	12.570	.070	.557	1.6797	.010	1
S4	25.000	25.827	.827	3.31	3.4514	.006	1
S5	50.000	49.134	-.866	-1.73	6.5667	.022	1

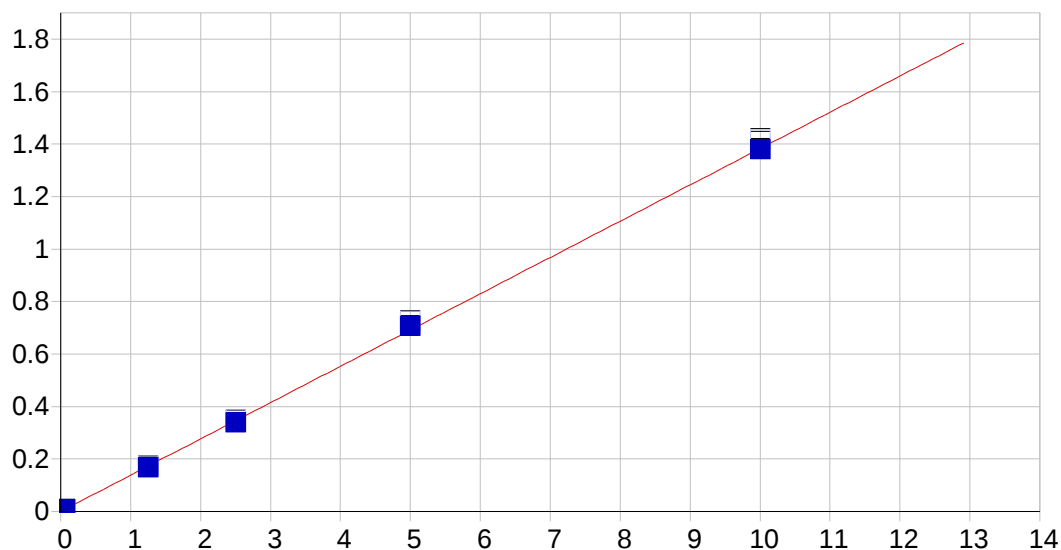


Se 196.090 {472}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000148	Re-Slope: 1.000000
A1 (Gain):	0.037174	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999829	Status: OK.
Std Error of Est:	0.000021	
Predicted MDL:	0.003680	
Predicted MQL:	0.012267	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.03500	.03619	.001	3.41	.00149	.000	1
S2	1.2500	1.2454	-.005	-.368	.04623	.000	1
S3	2.5000	2.4934	-.007	-.265	.09240	.000	1
S4	5.0000	5.1479	.148	2.96	.19064	.001	1
S5	10.000	9.8621	-.138	-1.38	.36502	.001	1

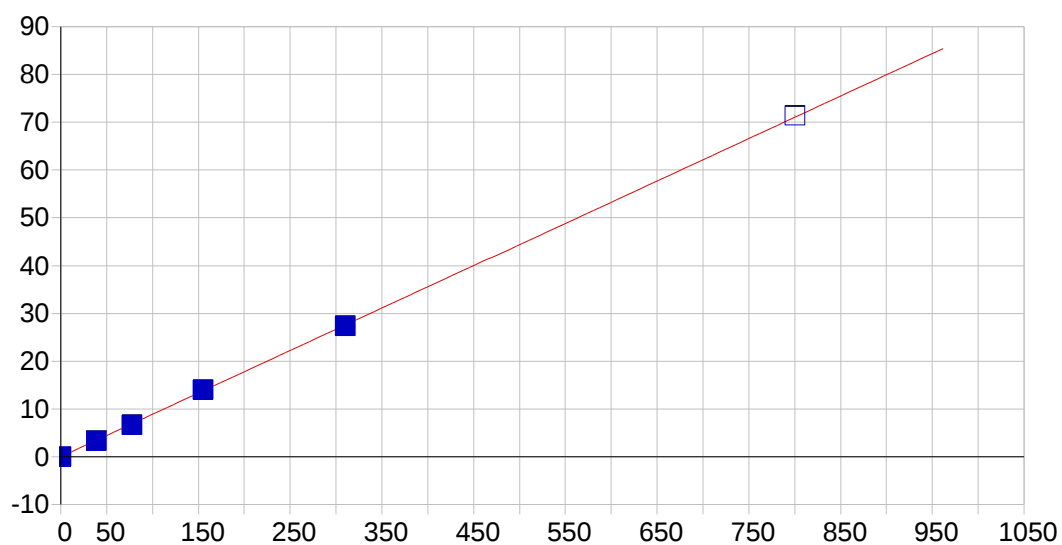


Sb 206.833 {463}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000119	Re-Slope: 1.000000
A1 (Gain):	0.138269	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999882	Status: OK.
Std Error of Est:	0.000090	
Predicted MDL:	0.001390	
Predicted MQL:	0.004633	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.06000	.06094	.001	1.56	.00854	.000	1
S2	1.2500	1.2159	-.034	-2.73	.17294	.000	1
S3	2.5000	2.4487	-.051	-2.05	.34811	.001	1
S4	5.0000	5.1139	.114	2.28	.72604	.001	1
S5	10.000	9.9706	-.029	-.294	1.4164	.005	1

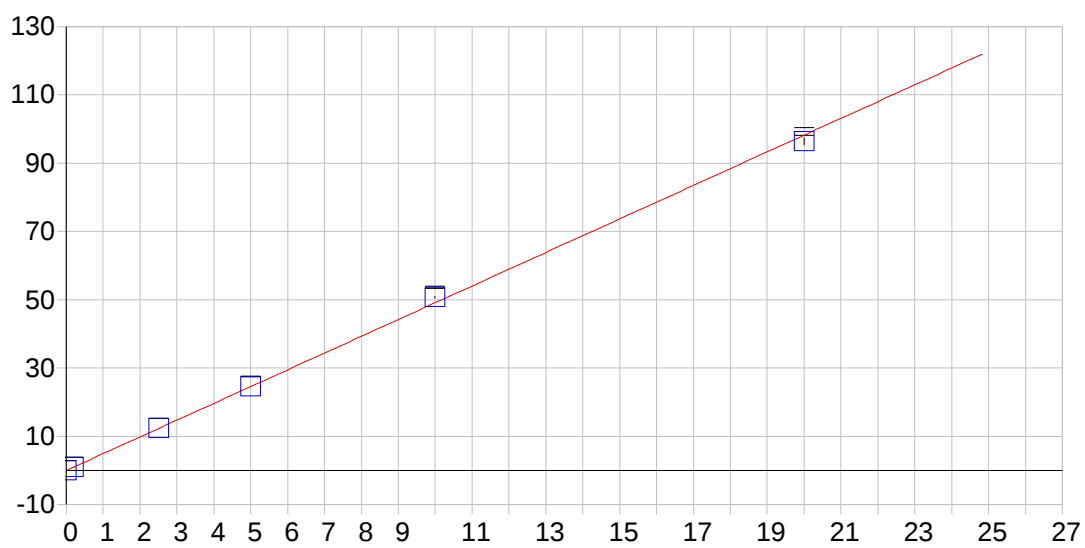


AI 396.152 { 85}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000037 Re-Slope: 1.000000
 A1 (Gain): 0.088807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000639
 Predicted MDL: 0.006564
 Predicted MQL: 0.021879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00004	.000	1
S1	.20000	.20185	.002	.923	.01791	.000	1
S2	38.750	37.683	-1.07	-2.75	3.3497	.006	1
S3	77.500	75.201	-2.30	-2.97	6.6847	.017	1
S4	155.00	157.73	2.73	1.76	14.020	.022	1
S5	310.00	307.22	-2.78	-.895	27.309	.080	1
S6	800.00	803.42	3.42	.427	71.349	.068	1

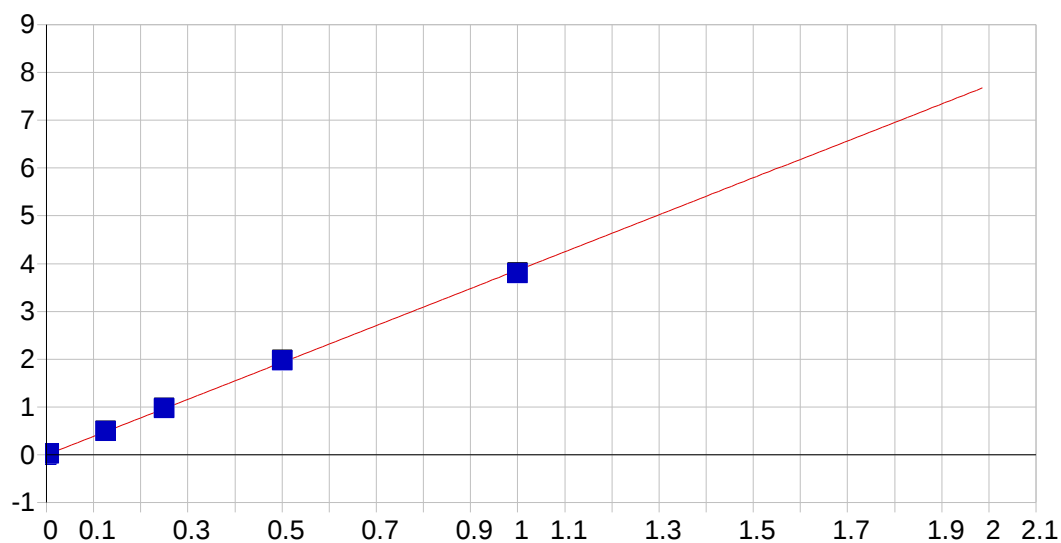


Ba 493.409 { 68}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020686 Re-Slope: 1.000000
 A1 (Gain): 4.912675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.011901
 Predicted MDL: 0.000284
 Predicted MQL: 0.000948

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.02074	.001	1
S1	.20000	.20636	.006	3.18	.99307	.005	1
S2	2.5000	2.5082	.008	.326	12.301	.037	1
S3	5.0000	5.0103	.010	.206	24.593	.083	1
S4	10.000	10.351	.351	3.51	50.828	.325	1
S5	20.000	19.625	-.375	-1.88	96.389	1.12	1

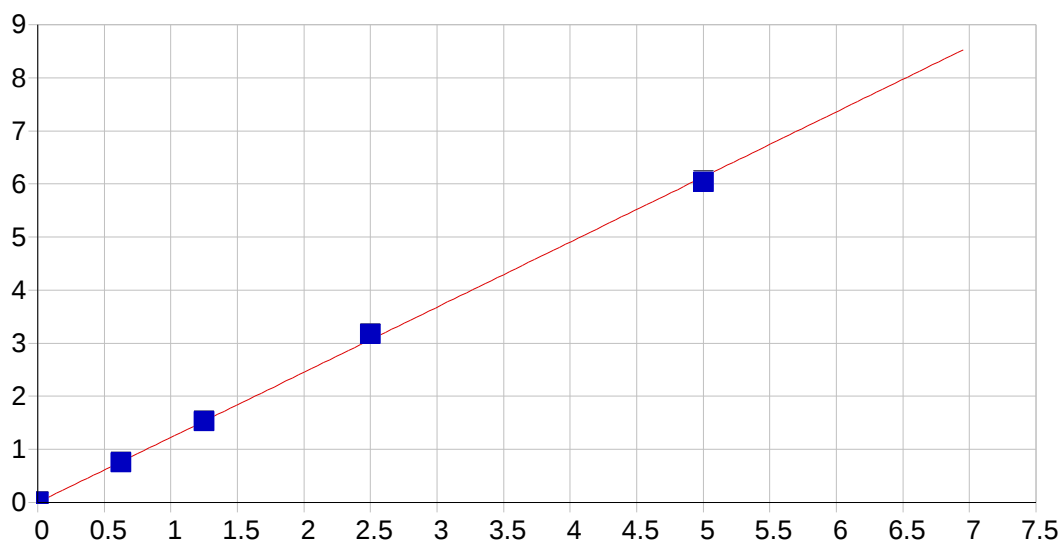


Be 234.861 {144}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001716	Re-Slope: 1.000000
A1 (Gain):	3.864217	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999839	Status: OK.
Std Error of Est:	0.000259	
Predicted MDL:	0.000084	
Predicted MQL:	0.000280	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00172	.000	1
S1	.00500	.00543	.000	8.67	.01926	.000	1
S2	.12500	.12793	.003	2.34	.49051	.002	1
S3	.25000	.25226	.002	.905	.96886	.006	1
S4	.50000	.51041	.010	2.08	1.9622	.009	1
S5	1.0000	.98396	-.016	-1.60	3.7836	.015	1

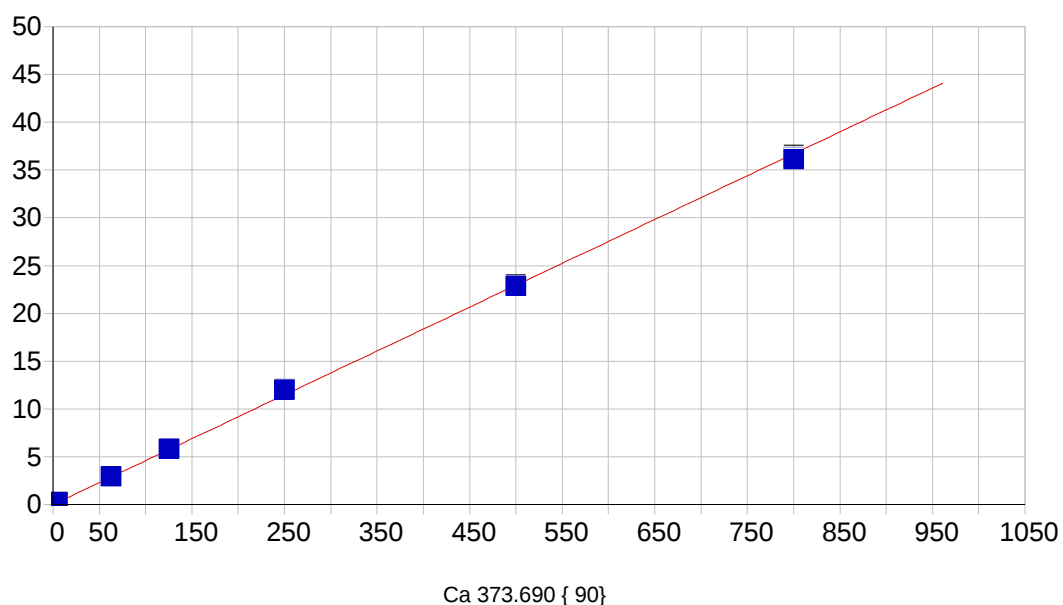


Cd 214.438 {457}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000141 Re-Slope: 1.000000
 A1 (Gain): 1.226309 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.000107
 Predicted MQL: 0.000357

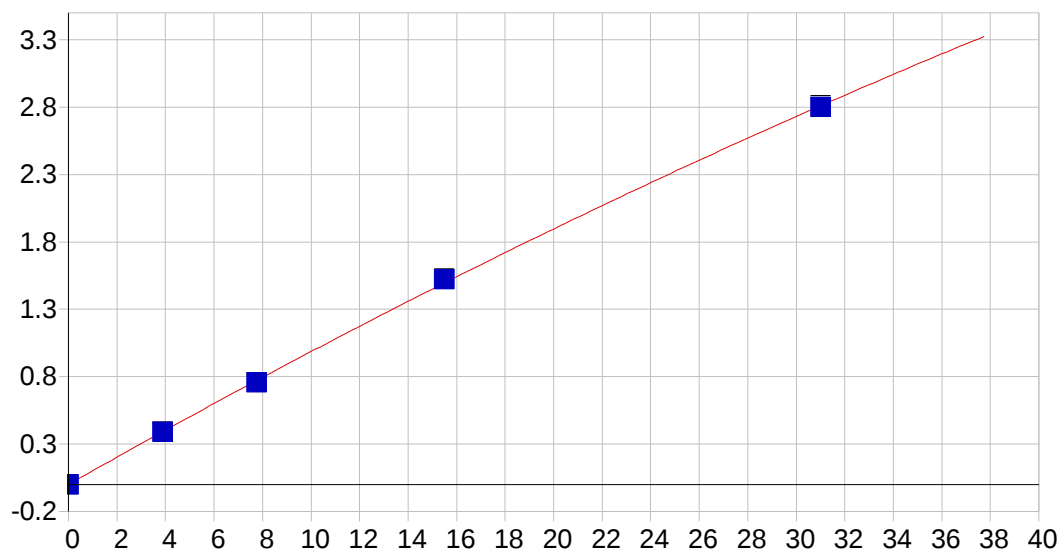
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00500	.00501	.000	.223	.00629	.000	1
S2	.62500	.61819	-.007	-1.09	.75981	.001	1
S3	1.2500	1.2507	.001	.059	1.5371	.006	1
S4	2.5000	2.5825	.082	3.30	3.1734	.001	1
S5	5.0000	4.9236	-.076	-1.53	6.0506	.016	1



Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000793 Re-Slope: 1.000000
 A1 (Gain): 0.045877 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999778 Status: OK.
 Std Error of Est: 0.003392
 Predicted MDL: 0.010471
 Predicted MQL: 0.034903

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00047	.000	.000	.00077	.000	1
S1	5.0000	5.1842	.184	3.68	.23866	.002	1
S2	62.500	63.489	.989	1.58	2.9237	.013	1
S3	125.00	126.82	1.82	1.45	5.8393	.021	1
S4	250.00	261.39	11.4	4.56	12.034	.034	1
S5	500.00	498.60	-1.40	-.281	22.957	.090	1
S6	800.00	787.05	-13.0	-1.62	36.326	.229	1

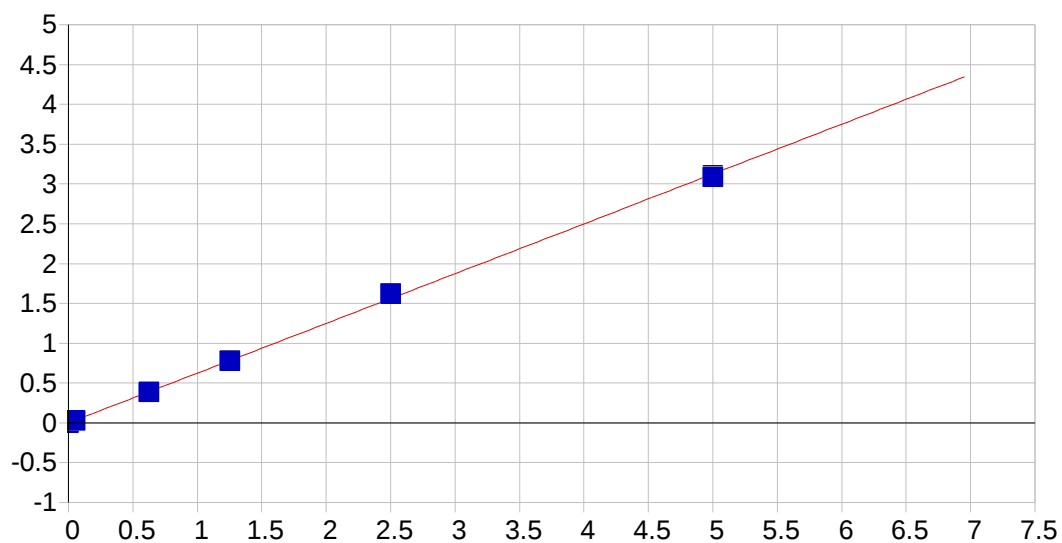


Cr 267.716 {126}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000025 Re-Slope: 1.000000
 A1 (Gain): 0.102409 Y-int: 0.000000
 A2 (Curvature): -0.000379
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.000477
 Predicted MQL: 0.001589

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01065	.001	6.48	.00107	.000	1
S2	3.8750	3.8624	-.013	-.324	.39018	.001	1
S3	7.7500	7.5971	-.153	-1.97	.75673	.001	1
S4	15.500	15.767	.267	1.72	1.5217	.004	1
S5	31.000	30.895	-.105	-.337	2.8044	.008	1

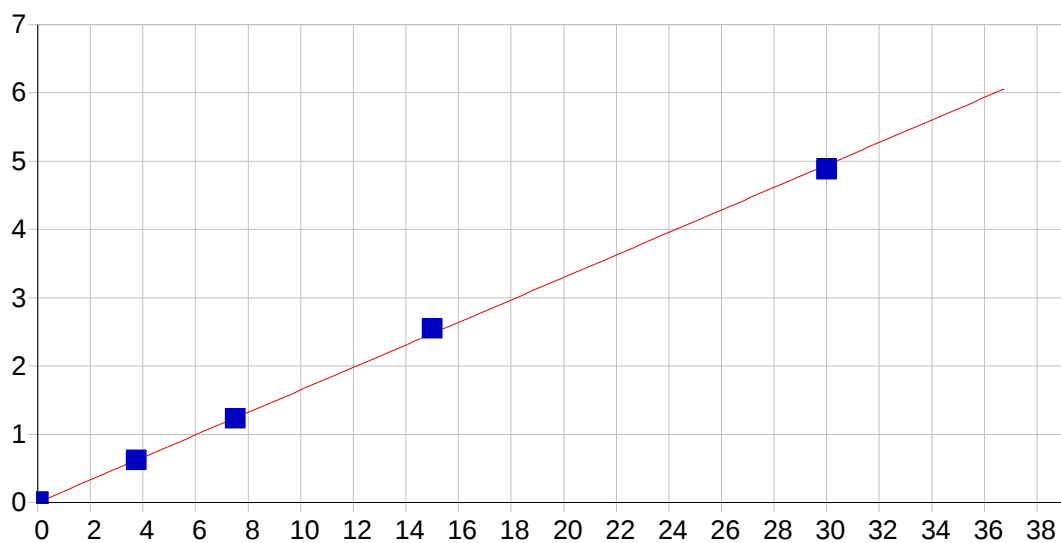


Co 228.616 {448}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.624905 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.000237
 Predicted MQL: 0.000790

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.05000	.04729	-.003	-5.41	.02941	.000	1
S2	.62500	.61091	-.014	-2.25	.38227	.001	1
S3	1.2500	1.2403	-.010	-.778	.77634	.004	1
S4	2.5000	2.5852	.085	3.41	1.6183	.004	1
S5	5.0000	4.9413	-.059	-1.17	3.0938	.011	1

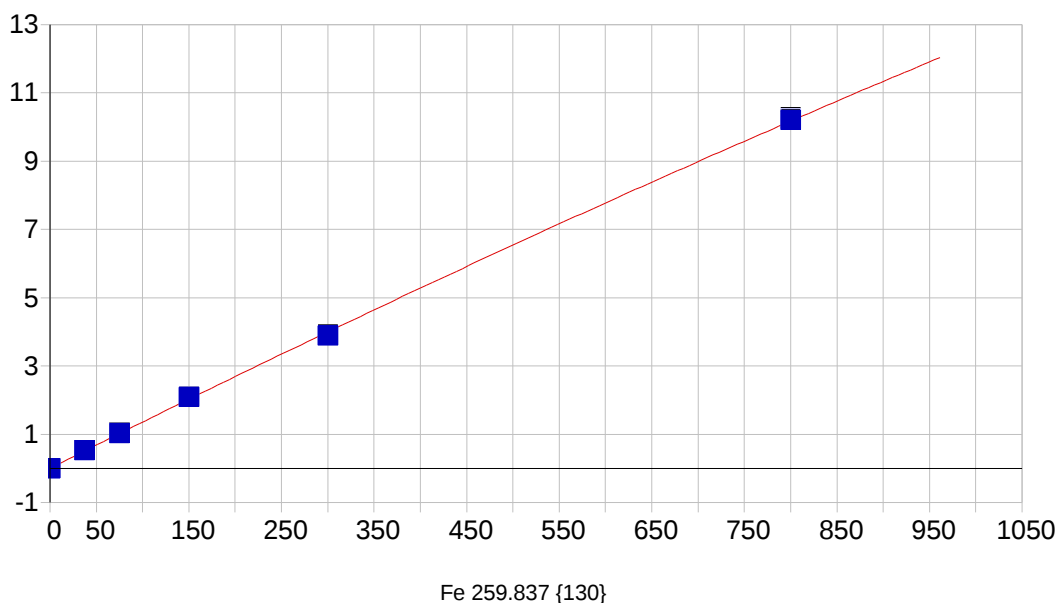


Cu 324.754 {104}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001418 Re-Slope: 1.000000
 A1 (Gain): 0.164781 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.001827
 Predicted MQL: 0.006089

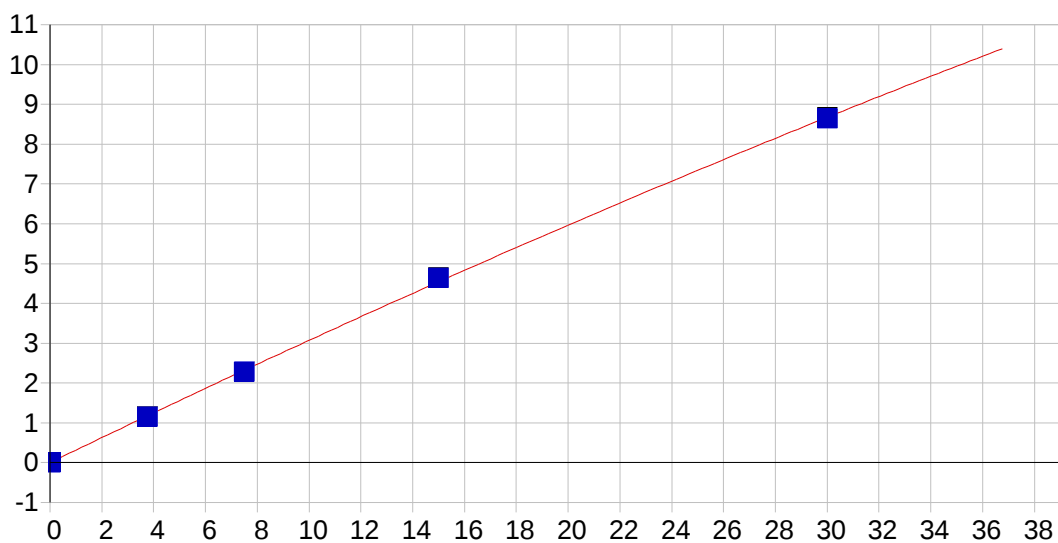
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00142	.000	1
S1	.02500	.02556	.001	2.25	.00562	.000	1
S2	3.7500	3.7483	-.002	-.045	.61868	.002	1
S3	7.5000	7.4639	-.036	-.482	1.2306	.001	1
S4	15.000	15.458	.458	3.05	2.5470	.001	1
S5	30.000	29.580	-.420	-1.40	4.8725	.021	1



Date of Fit: 12/13/2017 11:44:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.013688 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.011017
 Predicted MQL: 0.036725

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00012	.000	1
S1	.10000	.10652	.007	6.52	.00160	.000	1
S2	37.500	38.356	.856	2.28	.52610	.002	1
S3	75.000	75.836	.836	1.12	1.0367	.001	1
S4	150.00	154.61	4.61	3.07	2.0984	.005	1
S5	300.00	291.21	-8.79	-2.93	3.9053	.011	1
S6	800.00	802.52	2.52	.316	10.254	.036	1

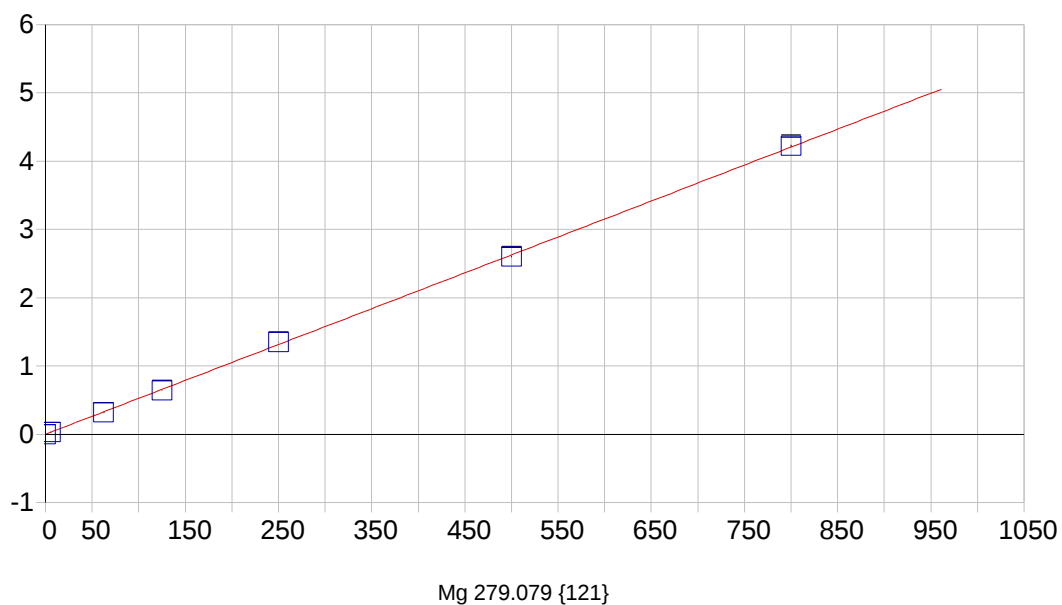


Mn 257.610 {131}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000022 Re-Slope: 1.000000
 A1 (Gain): 0.316525 Y-int: 0.000000
 A2 (Curvature): -0.000913
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000542
 Predicted MQL: 0.001808

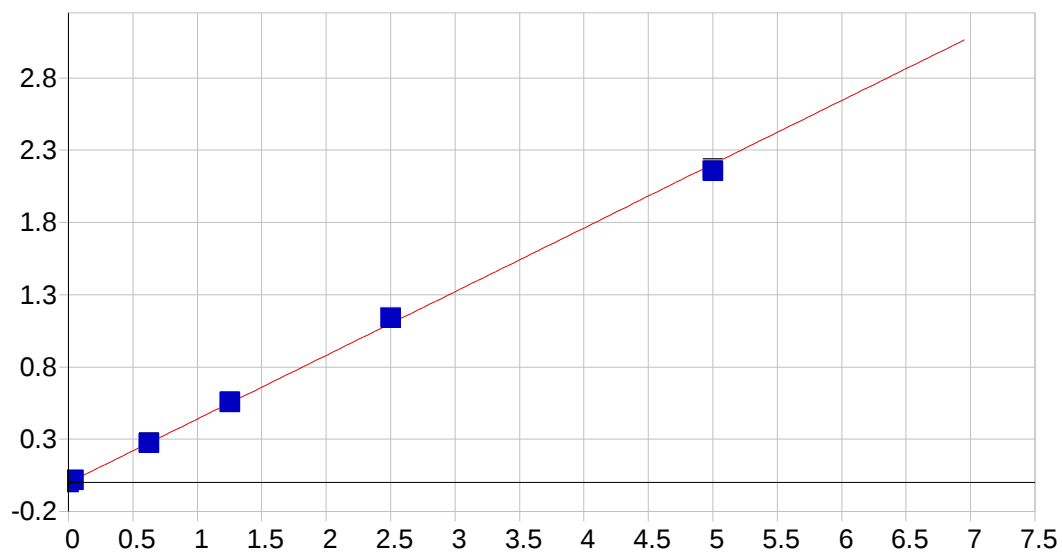
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01600	.001	6.68	.00504	.000	1
S2	3.7500	3.6865	-.063	-1.69	1.1547	.004	1
S3	7.5000	7.3775	-.122	-1.63	2.2860	.005	1
S4	15.000	15.310	.310	2.06	4.6329	.012	1
S5	30.000	29.874	-.126	-.420	8.6429	.026	1



Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000156	Re-Slope: 1.000000
A1 (Gain):	0.005258	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999887	Status: OK.
Std Error of Est:	0.000276	
Predicted MDL:	0.033029	
Predicted MQL:	0.110098	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00029	.000	.000	-.00015	.000	1
S1	5.0000	4.8767	-.123	-2.47	.02548	.000	1
S2	62.500	60.416	-2.08	-3.33	.31749	.001	1
S3	125.00	122.33	-2.67	-2.14	.64299	.002	1
S4	250.00	256.85	6.85	2.74	1.3503	.002	1
S5	500.00	494.46	-5.54	-1.11	2.5995	.008	1
S6	800.00	803.57	3.57	.446	4.2247	.017	1

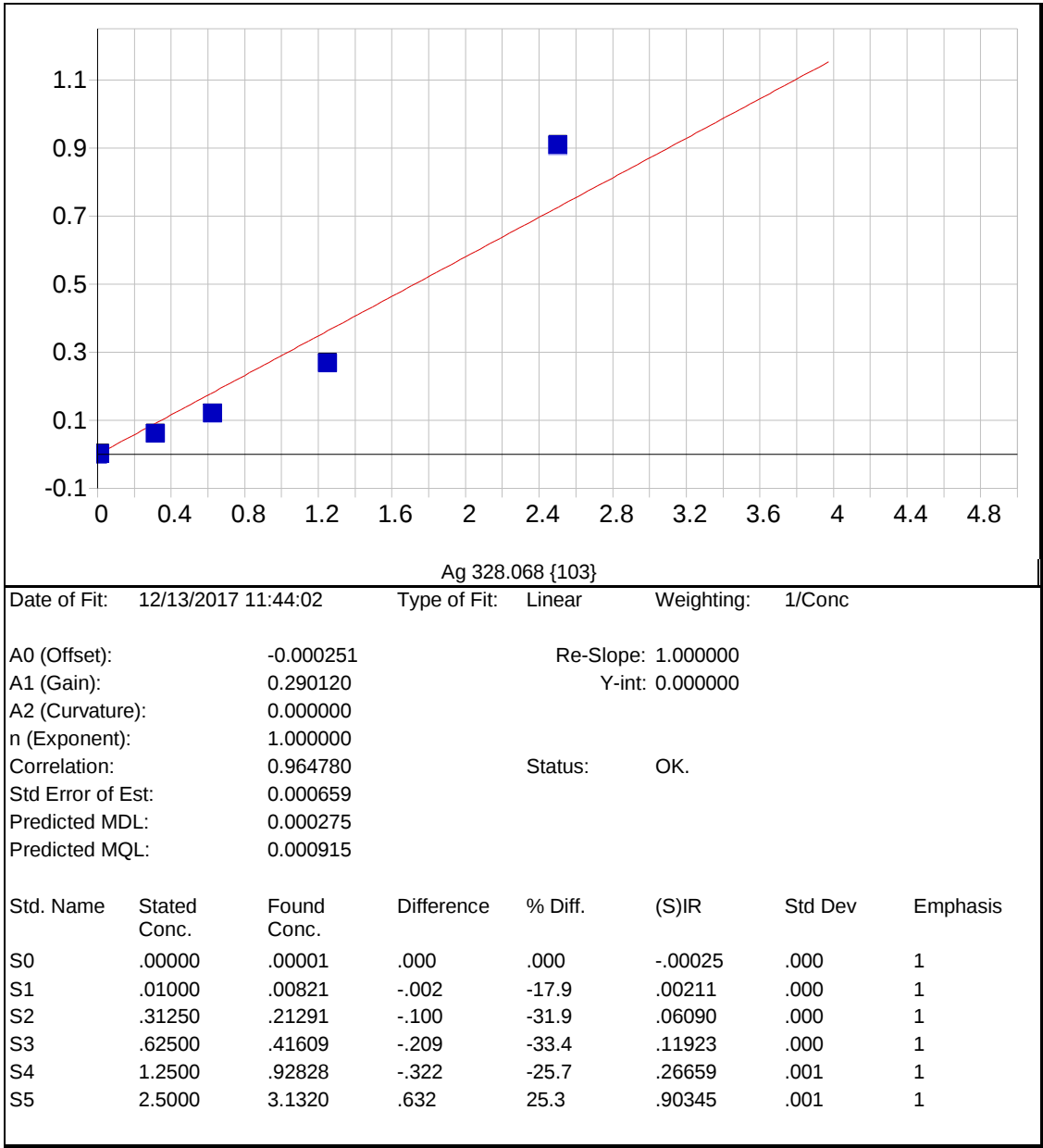


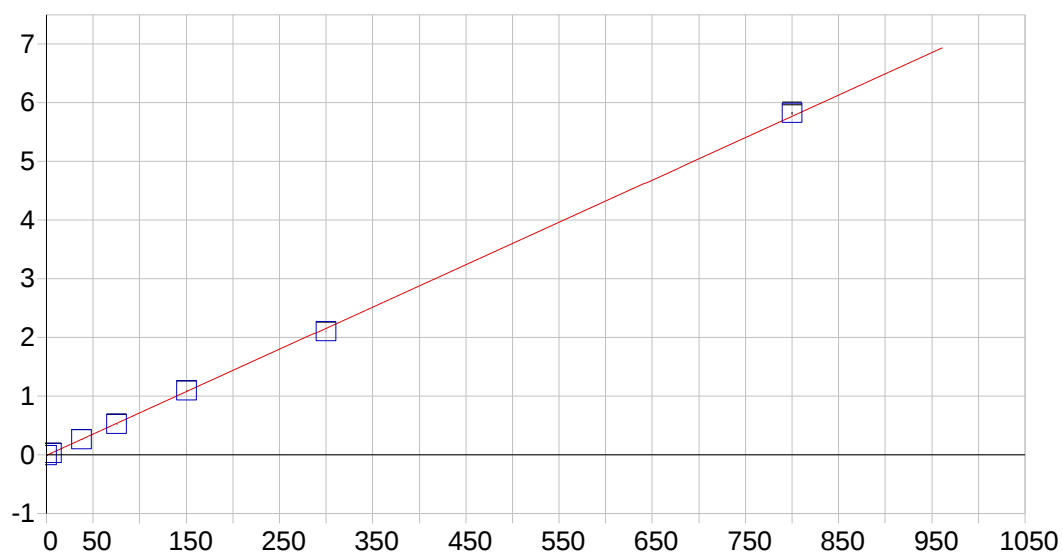
Ni 231.604 {446}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000545 Re-Slope: 1.000000
 A1 (Gain): 0.440584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999726 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.000389
 Predicted MQL: 0.001295

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.04000	.04039	.000	.984	.01726	.000	1
S2	.62500	.62645	.001	.233	.27602	.001	1
S3	1.2500	1.2609	.011	.870	.55610	.002	1
S4	2.5000	2.5876	.088	3.50	1.1417	.001	1
S5	5.0000	4.8997	-.100	-2.01	2.1627	.008	1



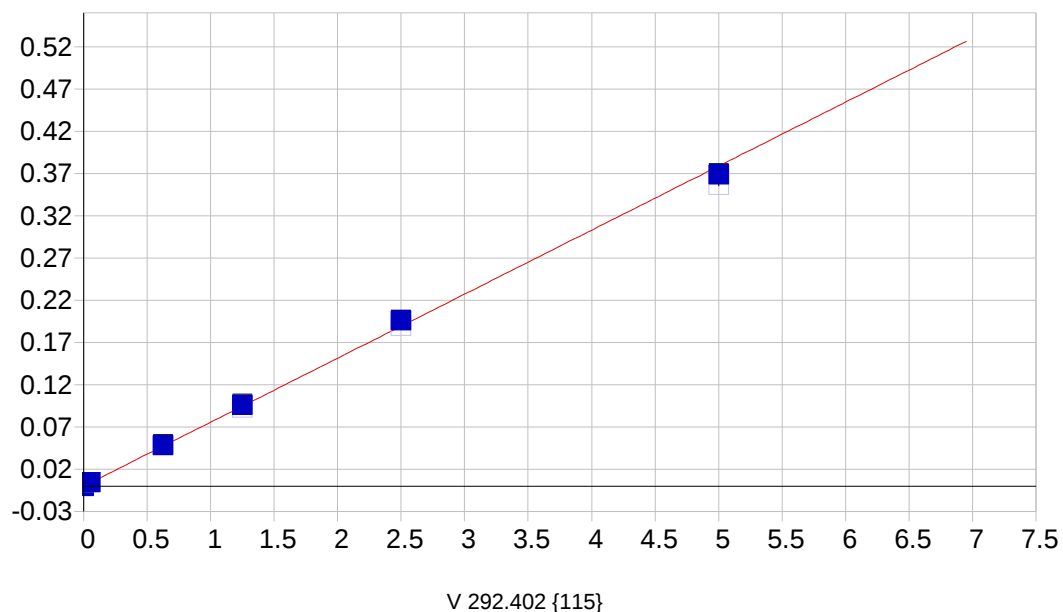


Na 818.326 { 41}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005825 Re-Slope: 1.000000
 A1 (Gain): 0.007219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000367
 Predicted MDL: 0.145092
 Predicted MQL: 0.483640

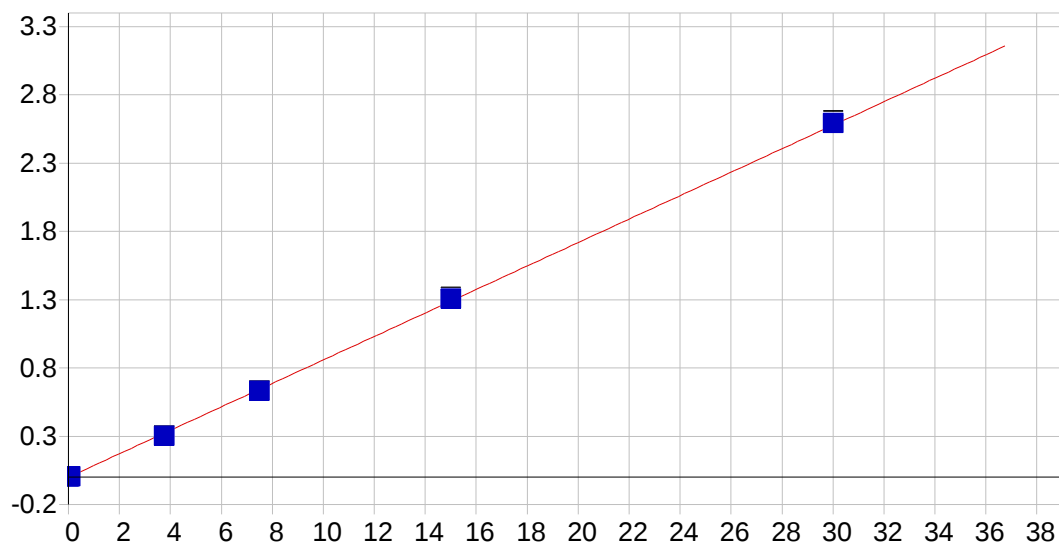
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	-.00582	.000	1
S1	5.0000	5.1208	.121	2.42	.03114	.000	1
S2	37.500	36.851	-.649	-1.73	.26019	.000	1
S3	75.000	73.477	-1.52	-2.03	.52458	.001	1
S4	150.00	152.62	2.62	1.75	1.0959	.001	1
S5	300.00	292.04	-7.96	-2.65	2.1023	.007	1
S6	800.00	807.38	7.38	.923	5.8224	.026	1



Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.075733 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999536 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.002980
 Predicted MQL: 0.009935

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.05000	.05629	.006	12.6	.00418	.000	1
S2	.62500	.64467	.020	3.15	.04718	.001	1
S3	1.2500	1.2695	.019	1.56	.09294	.001	1
S4	2.5000	2.5864	.086	3.45	.18955	.001	1
S5	5.0000	4.8680	-.132	-2.64	.35611	.001	1

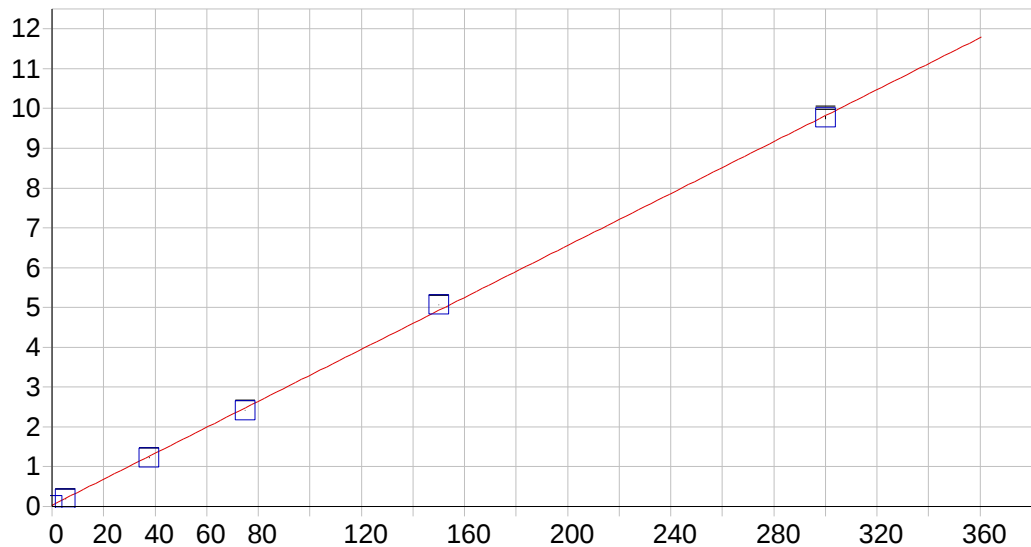


Zn 213.856 {158}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000567 Re-Slope: 1.000000
 A1 (Gain): 0.085946 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.005545
 Predicted MQL: 0.018483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00057	.001	1
S1	.06000	.06091	.001	1.51	.00469	.000	1
S2	3.7500	3.5328	-.217	-5.79	.30394	.003	1
S3	7.5000	7.3405	-.159	-2.13	.63207	.002	1
S4	15.000	15.226	.226	1.51	1.3116	.009	1
S5	30.000	30.150	.150	.498	2.5976	.016	1

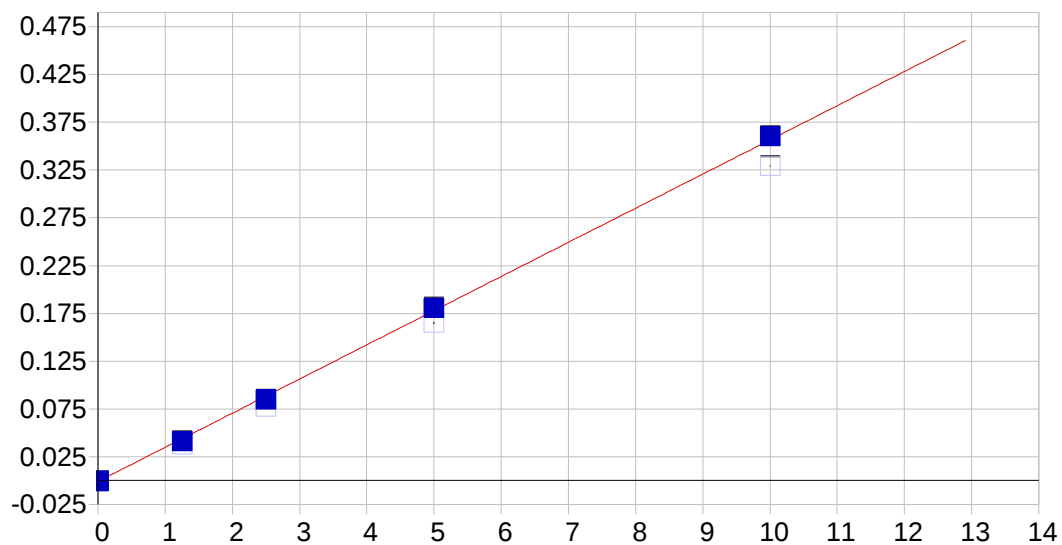


K 769.896 { 44}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.032901 Re-Slope: 1.000000
 A1 (Gain): 0.032623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.001302
 Predicted MDL: 0.034701
 Predicted MQL: 0.115669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	.03291	.001	1
S1	5.0000	5.0121	.012	.242	.19641	.002	1
S2	37.500	36.429	-1.07	-2.85	1.2213	.001	1
S3	75.000	73.072	-1.93	-2.57	2.4167	.003	1
S4	150.00	154.35	4.35	2.90	5.0683	.007	1
S5	300.00	298.63	-1.37	-.456	9.7751	.042	1

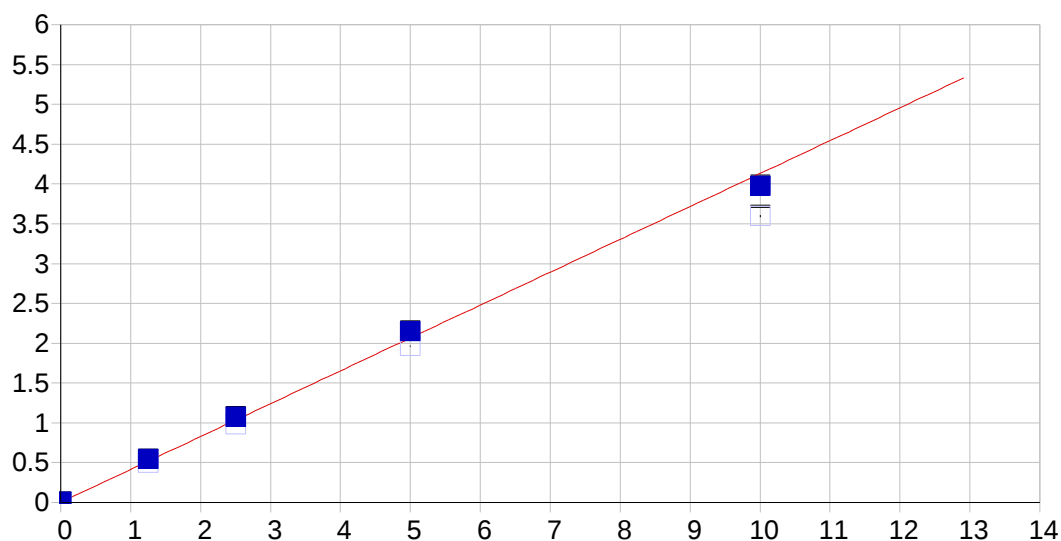


P 177.495 {490}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000912 Re-Slope: 1.000000
 A1 (Gain): 0.035753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002346
 Predicted MQL: 0.007822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00091	.000	1
S1	.01000	.01312	.003	31.2	-.00047	.000	1
S2	1.2500	1.1765	-.073	-5.88	.03730	.000	1
S3	2.5000	2.3952	-.105	-4.19	.07702	.000	1
S4	5.0000	5.0732	.073	1.46	.16505	.001	1
S5	10.000	10.102	.102	1.02	.32943	.001	1

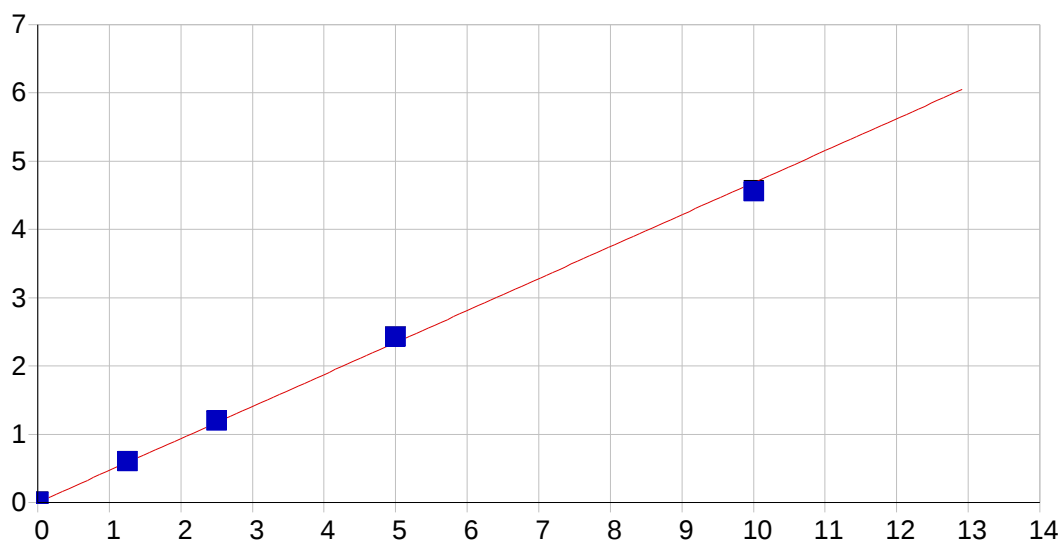


B 249.678 {135}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002093 Re-Slope: 1.000000
 A1 (Gain): 0.412824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999037 Status: OK.
 Std Error of Est: 0.000276
 Predicted MDL: 0.000858
 Predicted MQL: 0.002859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00209	.000	1
S1	.01000	.00996	.000	-.415	.00610	.000	1
S2	1.2500	1.3152	.065	5.22	.49753	.001	1
S3	2.5000	2.6012	.101	4.05	.98087	.006	1
S4	5.0000	5.2058	.206	4.12	1.9611	.008	1
S5	10.000	9.6278	-.372	-3.72	3.5964	.013	1

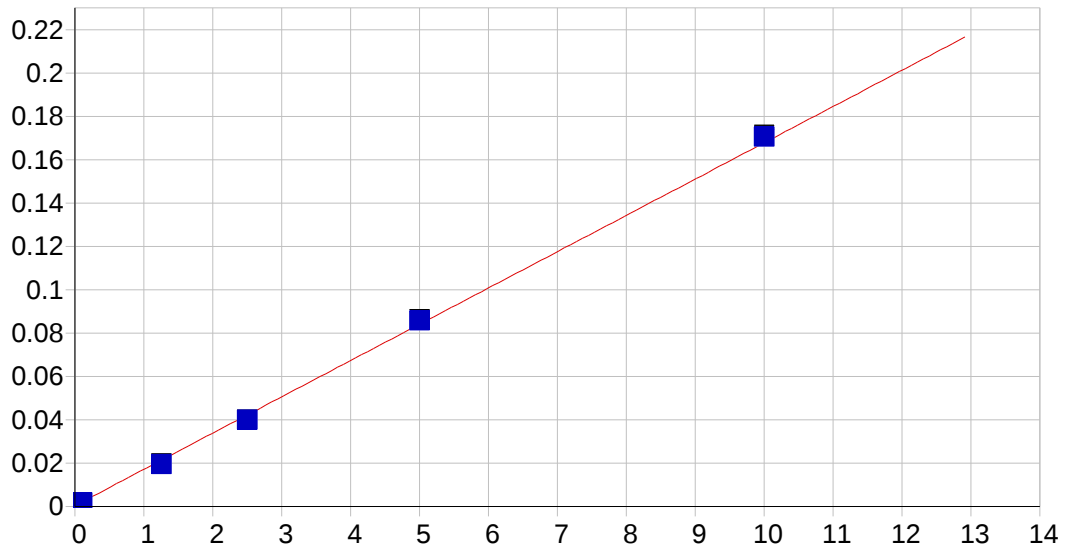


Mo 202.030 {467}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000356 Re-Slope: 1.000000
 A1 (Gain): 0.468471 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999568 Status: OK.
 Std Error of Est: 0.000231
 Predicted MDL: 0.000328
 Predicted MQL: 0.001092

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.01000	.01082	.001	8.23	.00542	.000	1
S2	1.2500	1.2930	.043	3.44	.60604	.001	1
S3	2.5000	2.5474	.047	1.89	1.1937	.003	1
S4	5.0000	5.1794	.179	3.59	2.4267	.001	1
S5	10.000	9.7294	-.271	-2.71	4.5581	.013	1

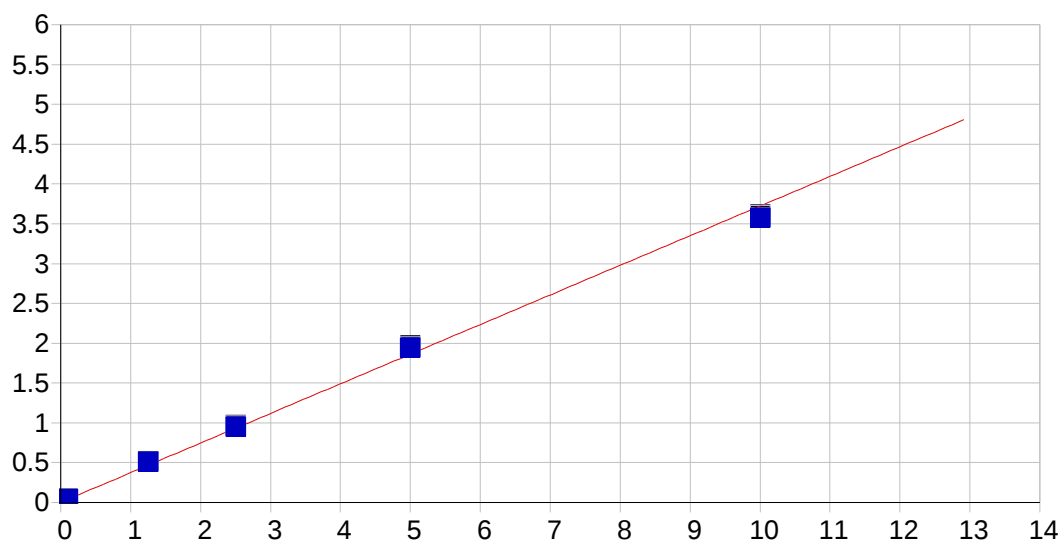


S 182.034 {485}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000370 Re-Slope: 1.000000
 A1 (Gain): 0.016737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999384 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.004445
 Predicted MQL: 0.014818

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00037	.000	1
S1	.10000	.08522	-.015	-14.8	.00180	.000	1
S2	1.2500	1.1418	-.108	-8.66	.01949	.000	1
S3	2.5000	2.3654	-.135	-5.38	.03998	.000	1
S4	5.0000	5.0980	.098	1.96	.08573	.001	1
S5	10.000	10.160	.160	1.60	.17047	.001	1

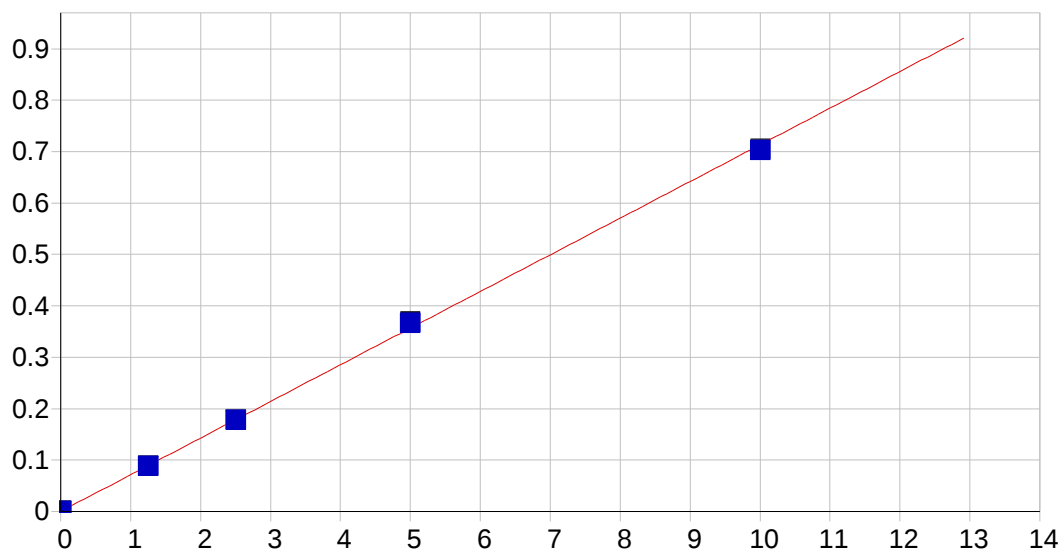


Si 251.611 {134}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002375 Re-Slope: 1.000000
 A1 (Gain): 0.372036 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999058 Status: OK.
 Std Error of Est: 0.000866
 Predicted MDL: 0.000985
 Predicted MQL: 0.003283

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00237	.000	1
S1	.10000	.10882	.009	8.82	.04299	.001	1
S2	1.2500	1.3570	.107	8.56	.51103	.003	1
S3	2.5000	2.5567	.057	2.27	.96117	.008	1
S4	5.0000	5.2191	.219	4.38	1.9593	.012	1
S5	10.000	9.6085	-.392	-3.92	3.6076	.011	1

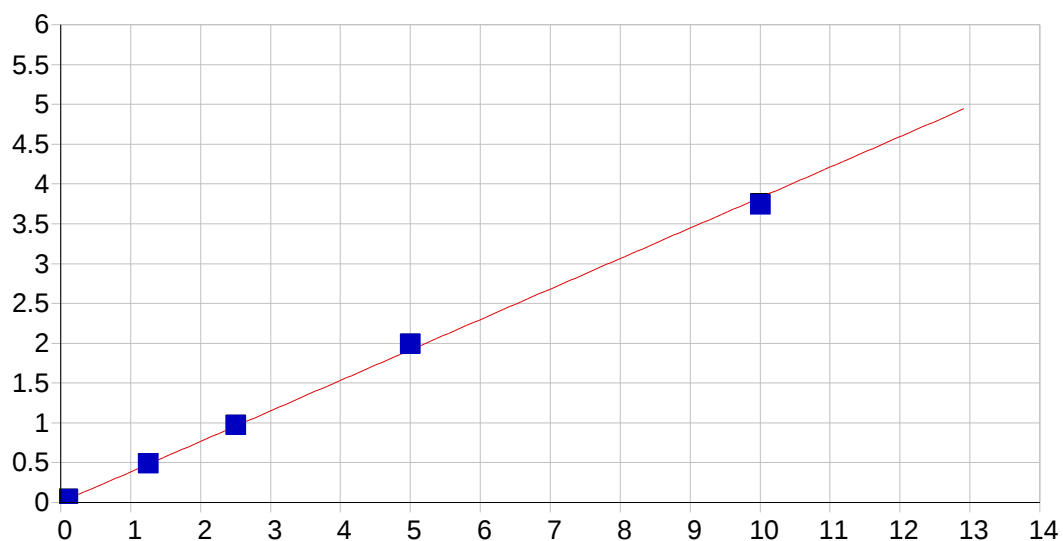


Sn 189.989 {478}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.071307 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.001175
 Predicted MQL: 0.003918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00643	-.001	-8.08	.00062	.000	1
S2	1.2500	1.2414	-.009	-.690	.08850	.000	1
S3	2.5000	2.5028	.003	.113	.17825	.001	1
S4	5.0000	5.1425	.142	2.85	.36608	.002	1
S5	10.000	9.8639	-.136	-1.36	.70196	.001	1

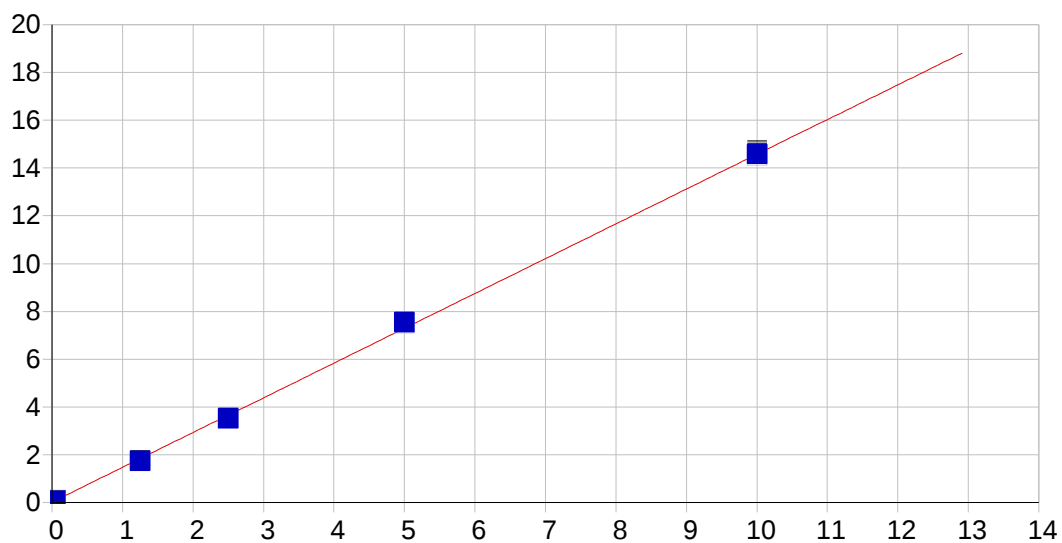


Ti 336.121 {100}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002342 Re-Slope: 1.000000
 A1 (Gain): 0.382596 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638 Status: OK.
 Std Error of Est: 0.000547
 Predicted MDL: 0.000887
 Predicted MQL: 0.002957

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00234	.000	1
S1	.10000	.10313	.003	3.13	.04179	.000	1
S2	1.2500	1.2671	.017	1.36	.48693	.001	1
S3	2.5000	2.5267	.027	1.07	.96867	.002	1
S4	5.0000	5.1916	.192	3.83	1.9879	.003	1
S5	10.000	9.7616	-.238	-2.38	3.7357	.020	1



Li 670.784 { 50}

Date of Fit: 12/13/2017 11:44:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014600 Re-Slope: 1.000000
 A1 (Gain): 1.455883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999644 Status: OK.
 Std Error of Est: 0.001451
 Predicted MDL: 0.000769
 Predicted MQL: 0.002564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01461	.000	1
S5	10.000	10.011	.011	.105	14.507	.119	1
S4	5.0000	5.1605	.160	3.21	7.4867	.025	1
S3	2.5000	2.4030	-.097	-3.88	3.4926	.015	1
S2	1.2500	1.1812	-.069	-5.50	1.7241	.009	1
S1	.05000	.04478	-.005	-10.4	.07964	.001	1



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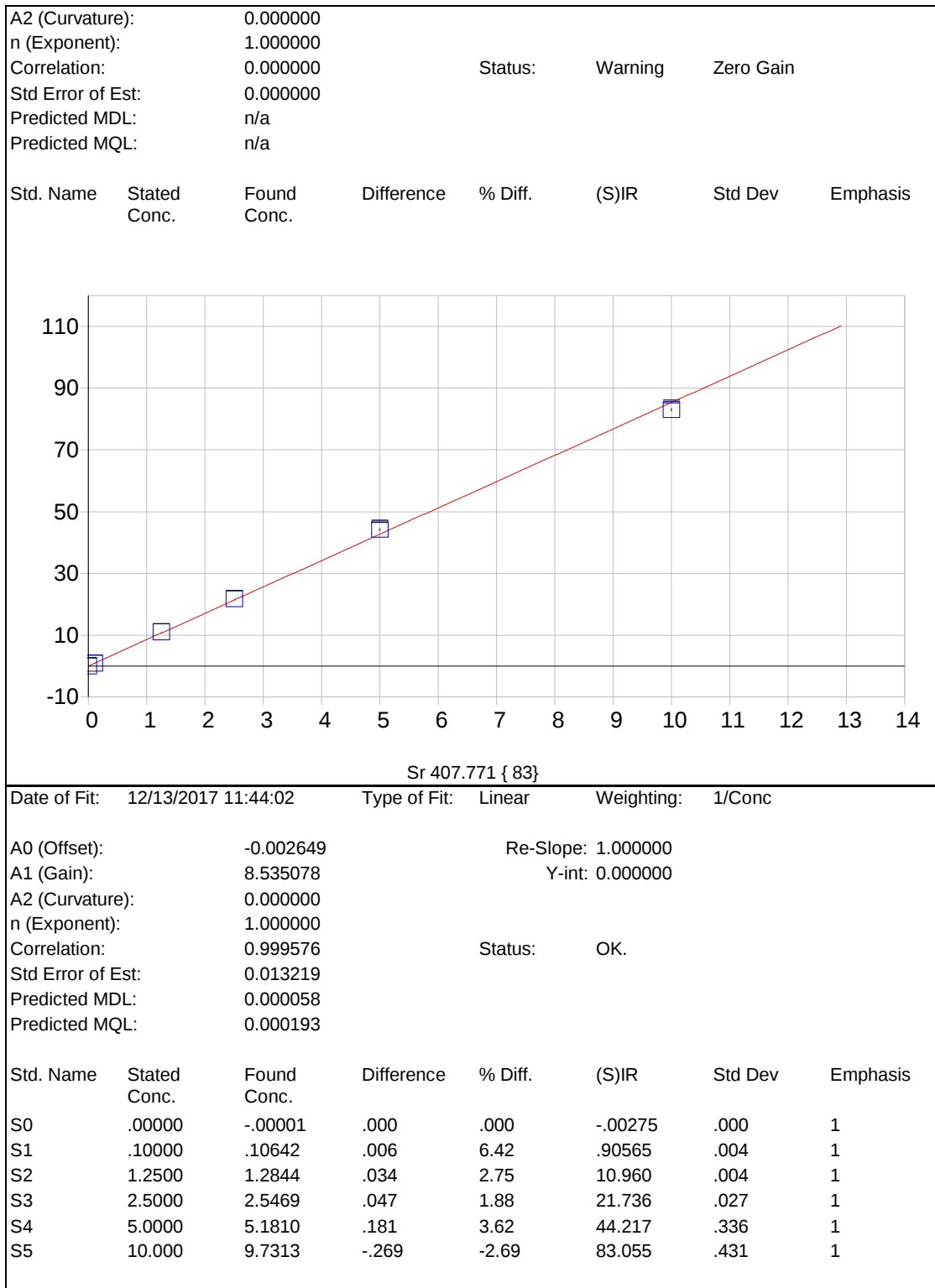


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 12/13/2017 11:10:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	-.00016	-.00018	-.00020	.00015	.00012	-.00004	-.02074	-.00172
Stddev	.00007	.00003	.00010	.00006	.00005	.00009	.00075	.00021
%RSD	41.415	18.819	50.695	41.352	43.416	254.25	3.6264	11.983

#1	-.00011	-.00022	-.00023	.00016	.00007	-.00011	-.02022	-.00158
#2	-.00014	-.00017	-.00009	.00008	.00017	.00007	-.02040	-.00162
#3	-.00024	-.00015	-.00029	.00020	.00011	-.00006	-.02160	-.00195

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	.00014	.00077	-.00002	-.00026	.00142	.00012	-.00002	-.00015
Stddev	.00007	.00033	.00002	.00001	.00020	.00014	.00010	.00013
%RSD	46.255	42.851	74.531	5.0817	14.012	120.01	423.61	86.284

#1	.00012	.00042	-.00005	-.00026	.00137	-.00005	.00009	-.00001
#2	.00021	.00081	-.00002	-.00027	.00124	.00020	-.00008	-.00019
#3	.00009	.00108	-.00001	-.00025	.00163	.00020	-.00007	-.00027

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	-.00055	-.00025	-.00582	-.00008	-.00057	.03291	-.00091	.00209
Stddev	.00003	.00004	.00041	.00020	.00058	.00086	.00008	.00019
%RSD	5.8332	14.166	7.0624	261.75	102.53	2.6124	8.5566	9.1222

#1	-.00058	-.00025	-.00630	-.00002	-.00051	.03309	-.00100	.00229
#2	-.00054	-.00028	-.00556	.00009	-.00001	.03366	-.00089	.00207
#3	-.00052	-.00021	-.00562	-.00030	-.00117	.03197	-.00085	.00191

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	.00035	.00037	.00237	.00018	.00234	.01461	-.00275	
Stddev	.00022	.00005	.00005	.00004	.00021	.00020	.00010	
%RSD	63.234	13.244	2.1278	21.530	8.9123	1.3488	3.5473	

#1	.00040	.00032	.00235	.00021	.00226	.01449	-.00268	
#2	.00011	.00041	.00233	.00019	.00218	.01484	-.00271	
#3	.00056	.00038	.00242	.00013	.00258	.01451	-.00286	

Sample Name: S0 Acquired: 12/13/2017 11:10:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1864.6	2904.0	58419.	6920.9	4422.8
Stddev	15.8	7.9	368.	47.6	20.5
%RSD	.84633	.27315	.62923	.68769	.46378
#1	1846.4	2895.0	58092.	6876.0	4399.4
#2	1872.6	2907.5	58817.	6970.8	4437.8
#3	1874.8	2909.7	58349.	6915.8	4431.1

Sample Name: S1 Acquired: 12/13/2017 11:15:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.00024	.00126	.00118	.00149	.00854	.01791	.99307	.01926
Stddev	.00002	.00002	.00009	.00002	.00028	.00026	.00468	.00041
%RSD	9.9129	1.3737	7.6479	1.5441	3.2224	1.4784	.47158	2.1282

#1	.00026	.00127	.00110	.00148	.00824	.01805	.98855	.01903
#2	.00022	.00127	.00127	.00148	.00860	.01761	.99277	.01902
#3	.00023	.00124	.00115	.00152	.00879	.01809	.99790	.01974

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	.00629	.23866	.00107	.02941	.00562	.00160	.00504	.02548
Stddev	.00008	.00215	.00004	.00015	.00029	.00010	.00022	.00034
%RSD	1.3097	.90291	3.5149	.49456	5.2346	6.0424	4.4412	1.3397

#1	.00632	.23636	.00111	.02925	.00529	.00152	.00513	.02541
#2	.00620	.23897	.00104	.02943	.00585	.00159	.00479	.02519
#3	.00636	.24064	.00105	.02954	.00572	.00171	.00521	.02586

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	.01726	.00211	.03114	.00418	.00469	.19641	-.00047	.00610
Stddev	.00019	.00005	.00029	.00010	.00041	.00168	.00004	.00021
%RSD	1.0963	2.5465	.93243	2.4080	8.7875	.85346	8.8208	3.3788

#1	.01706	.00211	.03131	.00430	.00491	.19490	-.00046	.00587
#2	.01728	.00217	.03081	.00413	.00421	.19612	-.00043	.00626
#3	.01744	.00206	.03130	.00411	.00494	.19821	-.00051	.00618

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	.00542	.00180	.04299	.00062	.04179	.07964	.90565	
Stddev	.00014	.00008	.00052	.00002	.00019	.00066	.00382	
%RSD	2.5315	4.1875	1.2154	3.2398	.46018	.83122	.42192	

#1	.00527	.00185	.04352	.00061	.04157	.07895	.90145	
#2	.00545	.00182	.04247	.00060	.04189	.07971	.90892	
#3	.00554	.00171	.04297	.00064	.04191	.08027	.90658	

Sample Name: S1 Acquired: 12/13/2017 11:15:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1876.1	2910.3	58203.	6938.0	4320.0
Stddev	13.2	7.1	332.	33.6	3.5
%RSD	.70203	.24334	.57017	.48414	.08202
#1	1862.8	2902.4	58088.	6954.6	4316.1
#2	1876.4	2916.1	57943.	6960.1	4323.0
#3	1889.1	2912.5	58577.	6899.4	4320.8

Sample Name: S2 Acquired: 12/13/2017 11:19:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.04179	.07187	.83097	.04623	.17294	3.3497	12.301	.49051
Stddev	.00030	.00036	.00154	.00013	.00012	.0058	.037	.00198
%RSD	.72528	.50668	.18486	.28559	.07137	.17269	.29890	.40433

#1	.04197	.07196	.82996	.04627	.17280	3.3443	12.267	.49277
#2	.04144	.07147	.83020	.04608	.17301	3.3558	12.296	.48972
#3	.04195	.07218	.83273	.04633	.17302	3.3488	12.340	.48905

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	.75981	2.9237	.39018	.38227	.61868	.52610	1.1547	.31749
Stddev	.00111	.0130	.00084	.00065	.00196	.00206	.0041	.00146
%RSD	.14569	.44529	.21456	.17121	.31605	.39088	.35714	.45844

#1	.75880	2.9123	.38944	.38196	.62083	.52374	1.1499	.31603
#2	.75963	2.9209	.39001	.38183	.61701	.52748	1.1572	.31750
#3	.76099	2.9379	.39109	.38302	.61821	.52708	1.1570	.31894

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	.27602	.06090	.26019	.04718	.30394	1.2213	.03730	.49753
Stddev	.00056	.00012	.00021	.00068	.00310	.0007	.00019	.00144
%RSD	.20211	.19395	.07982	1.4395	1.0195	.05779	.50760	.29009

#1	.27591	.06102	.26022	.04679	.30048	1.2205	.03717	.49877
#2	.27553	.06078	.25997	.04797	.30488	1.2218	.03721	.49787
#3	.27663	.06090	.26038	.04679	.30646	1.2217	.03752	.49594

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	.60604	.01949	.51103	.08850	.48693	1.7241	10.960	
Stddev	.00052	.00014	.00265	.00003	.00135	.0091	.004	
%RSD	.08634	.73582	.51914	.03780	.27751	.52860	.03500	

#1	.60576	.01941	.51409	.08850	.48537	1.7141	10.957	
#2	.60572	.01940	.50946	.08847	.48767	1.7262	10.958	
#3	.60665	.01965	.50954	.08853	.48776	1.7320	10.964	

Sample Name: S2 Acquired: 12/13/2017 11:19:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1786.5	2762.5	55297.	6918.8	3750.6
Stddev	3.0	3.7	193.	12.6	5.3
%RSD	.16661	.13256	.34885	.18218	.14041
#1	1789.7	2765.0	55517.	6925.1	3750.2
#2	1783.9	2764.1	55159.	6904.2	3756.0
#3	1785.8	2758.3	55214.	6926.9	3745.5

Sample Name: S3 Acquired: 12/13/2017 11:23:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.08432	.13830	1.6797	.09240	.34811	6.6847	24.593	.96886
Stddev	.00005	.00051	.0098	.00023	.00069	.0168	.083	.00560
%RSD	.05863	.36822	.58150	.24905	.19708	.25102	.33625	.57758

#1	.08437	.13800	1.6700	.09256	.34750	6.6952	24.663	.96972
#2	.08430	.13801	1.6795	.09214	.34799	6.6936	24.615	.97398
#3	.08427	.13888	1.6896	.09251	.34885	6.6654	24.502	.96288

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	1.5371	5.8393	.75673	.77634	1.2306	1.0367	2.2860	.64299
Stddev	.0060	.0208	.00073	.00404	.0005	.0015	.0054	.00199
%RSD	.39062	.35607	.09611	.52004	.04132	.14079	.23568	.30948

#1	1.5324	5.8357	.75593	.77219	1.2311	1.0375	2.2851	.64188
#2	1.5350	5.8616	.75692	.77658	1.2302	1.0375	2.2917	.64529
#3	1.5439	5.8205	.75735	.78026	1.2303	1.0350	2.2810	.64181

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	.55610	.11923	.52458	.09294	.63207	2.4167	.07702	.98087
Stddev	.00213	.00030	.00097	.00103	.00219	.0031	.00040	.00573
%RSD	.38299	.25560	.18517	1.1049	.34651	.12830	.51486	.58468

#1	.55404	.11894	.52514	.09303	.62959	2.4160	.07677	.98198
#2	.55598	.11919	.52515	.09392	.63284	2.4201	.07747	.98597
#3	.55829	.11955	.52346	.09187	.63376	2.4141	.07681	.97467

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	1.1937	.03998	.96117	.17825	.96867	3.4926	21.736	
Stddev	.0033	.00012	.00778	.00104	.00163	.0155	.027	
%RSD	.27569	.29372	.80990	.58460	.16838	.44364	.12210	

#1	1.1902	.03987	.96110	.17705	.97049	3.4979	21.764	
#2	1.1941	.03995	.96899	.17889	.96735	3.5048	21.731	
#3	1.1967	.04010	.95342	.17881	.96818	3.4752	21.711	

Sample Name: S3 Acquired: 12/13/2017 11:23:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1704.0	2659.6	53328.	6825.4	3472.4
Stddev	4.4	2.6	151.	22.5	3.0
%RSD	.25950	.09917	.28337	.32997	.08525
#1	1708.7	2657.8	53492.	6830.9	3475.7
#2	1700.0	2658.4	53297.	6800.6	3471.4
#3	1703.3	2662.6	53195.	6844.6	3470.1

Sample Name: S4 Acquired: 12/13/2017 11:27:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.17691	.27514	3.4514	.19064	.72604	14.020	50.828	1.9622
Stddev	.00040	.00208	.0059	.00098	.00080	.022	.325	.0088
%RSD	.22558	.75547	.17205	.51319	.11003	.15386	.63940	.44671

#1	.17723	.27516	3.4457	.19041	.72554	14.028	50.457	1.9600
#2	.17646	.27305	3.4511	.18980	.72561	14.037	51.059	1.9718
#3	.17704	.27721	3.4575	.19172	.72696	13.996	50.969	1.9547

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1734	12.034	1.5217	1.6183	2.5470	2.0984	4.6329	1.3503
Stddev	.0011	.034	.0041	.0039	.0014	.0048	.0125	.0019
%RSD	.03543	.28168	.27127	.24195	.05615	.23063	.26951	.14009

#1	3.1721	12.059	1.5219	1.6159	2.5457	2.1040	4.6462	1.3514
#2	3.1736	12.047	1.5256	1.6162	2.5485	2.0959	4.6309	1.3514
#3	3.1744	11.995	1.5174	1.6228	2.5468	2.0953	4.6215	1.3481

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	1.1417	.26659	1.0959	.18955	1.3116	5.0683	.16505	1.9611
Stddev	.0013	.00095	.0007	.00095	.0087	.0066	.00141	.0077
%RSD	.11265	.35548	.06487	.50083	.66580	.13034	.85516	.39416

#1	1.1405	.26767	1.0951	.18932	1.3201	5.0740	.16529	1.9547
#2	1.1416	.26616	1.0964	.19060	1.3027	5.0699	.16354	1.9697
#3	1.1431	.26592	1.0962	.18874	1.3119	5.0611	.16633	1.9588

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.4267	.08573	1.9593	.36608	1.9879	7.4867	44.217	
Stddev	.0007	.00052	.0120	.00213	.0030	.0253	.336	
%RSD	.02807	.60629	.61277	.58099	.14912	.33835	.75886	

#1	2.4260	.08575	1.9521	.36454	1.9899	7.5002	43.836	
#2	2.4266	.08520	1.9732	.36520	1.9893	7.4575	44.349	
#3	2.4274	.08624	1.9527	.36851	1.9845	7.5025	44.467	

Sample Name: S4 Acquired: 12/13/2017 11:27:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1567.3	2459.5	49805.	6570.8	3101.1
Stddev	9.0	5.6	243.	12.1	5.9
%RSD	.57329	.22918	.48827	.18404	.18936
#1	1558.7	2461.4	49539.	6563.6	3104.8
#2	1576.6	2453.1	50015.	6564.2	3094.4
#3	1566.4	2463.9	49863.	6584.8	3104.2

Sample Name: S5 Acquired: 12/13/2017 11:31:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.34465	.50804	6.5667	.36502	1.4164	27.309	96.389	3.7836
Stddev	.00109	.00082	.0221	.00104	.0049	.080	1.119	.0150
%RSD	.31725	.16147	.33709	.28547	.34582	.29351	1.1608	.39550

#1	.34404	.50729	6.5580	.36454	1.4127	27.395	96.758	3.7877
#2	.34400	.50792	6.5502	.36430	1.4146	27.296	97.277	3.7962
#3	.34591	.50891	6.5919	.36622	1.4219	27.237	95.132	3.7671

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0506	22.957	2.8044	3.0938	4.8725	3.9053	8.6429	2.5995
Stddev	.0163	.090	.0082	.0110	.0205	.0106	.0262	.0083
%RSD	.26872	.39081	.29177	.35700	.42138	.27180	.30270	.31938

#1	6.0505	22.990	2.8076	3.0924	4.8921	3.9049	8.6603	2.6054
#2	6.0344	23.025	2.7951	3.0835	4.8741	3.9161	8.6556	2.6031
#3	6.0669	22.855	2.8106	3.1055	4.8512	3.8948	8.6128	2.5900

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	2.1627	.90345	2.1023	.35611	2.5976	9.7751	.32943	3.5964
Stddev	.0075	.00082	.0066	.00124	.0159	.0420	.00067	.0133
%RSD	.34793	.09081	.31620	.34940	.61234	.42995	.20383	.36882

#1	2.1613	.90338	2.1074	.35752	2.6113	9.8192	.32893	3.5998
#2	2.1560	.90267	2.1047	.35560	2.6015	9.7707	.32916	3.6077
#3	2.1709	.90431	2.0948	.35519	2.5802	9.7355	.33019	3.5818

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.5581	.17047	3.6076	.70196	3.7357	14.507	83.055	
Stddev	.0131	.00083	.0112	.00144	.0203	.119	.431	
%RSD	.28729	.48802	.31164	.20521	.54251	.82237	.51844	

#1	4.5502	.16951	3.6113	.70153	3.7543	14.644	83.318	
#2	4.5510	.17100	3.6165	.70079	3.7386	14.450	83.288	
#3	4.5732	.17091	3.5949	.70357	3.7141	14.427	82.558	

Sample Name: S5 Acquired: 12/13/2017 11:31:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1470.6	2316.6	47943.	6405.9	2815.9
Stddev	9.9	8.1	70.	20.2	9.0
%RSD	.67644	.35091	.14572	.31485	.31834
#1	1460.1	2323.3	47925.	6393.9	2821.9
#2	1471.9	2319.0	48021.	6394.6	2820.2
#3	1479.8	2307.6	47885.	6429.2	2805.6

Sample Name: S6 Acquired: 12/13/2017 11:35:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	71.349	36.326	10.254	4.2247	5.8224
Stddev	.068	.229	.036	.0165	.0258
%RSD	.09494	.63169	.35249	.39170	.44243

#1	71.273	36.212	10.239	4.2195	5.8072
#2	71.372	36.176	10.228	4.2114	5.8079
#3	71.402	36.590	10.295	4.2432	5.8522

Int. Std.	Y_3710
Units	Cts/S
Avg	6130.5
Stddev	2.4
%RSD	.03964

#1	6133.2
#2	6128.7
#3	6129.6

Sample Name: ICV Acquired: 12/13/2017 11:39:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	1.030755	1.106807	1.046980	1.083652	1.010246	2.440242
Stddev	.013455	.012055	.006715	.011361	.010524	.016831
%RSD	1.305384	1.089166	.6413727	1.048416	1.041769	.6897324

#1	1.015388	1.093553	1.040261	1.071243	1.001264	2.444187
#2	1.036453	1.109751	1.046988	1.086173	1.007648	2.454750
#3	1.040423	1.117118	1.053691	1.093542	1.021827	2.421789

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5350723	.5200650	.4912185	10.83918	.5040952	.5002423
Stddev	.0022015	.0024356	.0025214	.03003	.0008995	.0015412
%RSD	.4114467	.4683249	.5132885	.2770165	.1784384	.3080904

#1	.5366825	.5207140	.4885886	10.81334	.5030965	.4997976
#2	.5359708	.5221104	.4914516	10.87212	.5048417	.4989723
#3	.5325636	.5173707	.4936152	10.83208	.5043473	.5019569

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5327766	5.528613	.5369058	6.077176	.5074369	F .4024730
Stddev	.0024538	.018301	.0025777	.010243	.0023983	.0013623
%RSD	.4605703	.3310145	.4800998	.1685505	.4726273	.3384696

#1	.5301143	5.524072	.5375065	6.069805	.5053144	.4030803
#2	.5332680	5.548756	.5391301	6.072851	.5069578	.4009127
#3	.5349476	5.513010	.5340808	6.088872	.5100386	.4034259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25136	.5372567	1.009768	9.732151	F .0047098	F .0084850
Stddev	.21062	.0053239	.013286	.039128	.0003757	.0006718
%RSD	2.054550	.9909420	1.315757	.4020462	7.976368	7.917262

#1	10.44765	.5402200	1.025085	9.777225	.0047903	.0090533
#2	10.27757	.5404395	1.002863	9.712311	.0043004	.0086580
#3	10.02887	.5311105	1.001357	9.706918	.0050386	.0077436

Sample Name: ICV Acquired: 12/13/2017 11:39:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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 .0004153	.0073227	.0041044	F -.000905	.0004419	.0015387
Stddev	.0000436	.0032177	.0005609	.000637	.0001082	.0007023
%RSD	10.49708	43.94139	13.66476	70.40947	24.49096	45.64144

#1	.0004467	.0103079	.0041557	-.000322	.0004763	.0008307
#2	.0003655	.0039144	.0046378	-.000809	.0005288	.0022351
#3	.0004335	.0077459	.0035196	-.001585	.0003207	.0015503

Elem	Sr4077
Units	ppm
Avg	.0126450
Stddev	.0000232
%RSD	.1835615

#1	.0126289
#2	.0126716
#3	.0126345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.061	2783.282	54125.55	6682.572	4071.450
Stddev	11.554	7.671	356.31	46.368	6.217
%RSD	.6643860	.2755941	.6583058	.6938701	.1527074

#1	1726.037	2783.462	53766.21	6633.500	4068.728
#2	1748.077	2790.861	54478.75	6688.559	4078.564
#3	1743.071	2775.523	54131.68	6725.655	4067.057

Sample Name: ICB Acquired: 12/13/2017 11:50:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0000819	.0000520	-.000834	-.000455	-.001314	.0004287	-.000845
Stddev	.0016220	.0016155	.001428	.004021	.000853	.0054932	.000019
%RSD	1979.619	3103.411	171.2323	883.6005	64.95143	1281.331	2.302465

#1	-.001071	-.001484	.000546	.000671	-.000398	.0066786	-.000849
#2	-.000620	-.000097	-.000742	.002883	-.002087	-.001758	-.000862
#3	.001937	.001737	-.002305	-.004919	-.001457	-.003634	-.000824

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000113	-.000017	.0057814	.0000050	.0000213	.0017555	-.005012
Stddev	.000076	.000088	.0033206	.0002873	.0000880	.0005678	.006582
%RSD	67.22034	531.1601	57.43490	5739.012	412.9667	32.34613	131.3298

#1	-.000028	-.000081	.0095828	-.000286	-.000029	.0022332	-.003531
#2	-.000175	-.000053	.0043149	.000288	-.000030	.0019057	.000703
#3	-.000135	.000084	.0034466	.000013	.000123	.0011277	-.012208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000987	.0199801	-.000219	.0000633	-.154237	.0000845	.0044665
Stddev	.0004662	.0214060	.000240	.0000433	.075728	.0027086	.0067745
%RSD	472.5235	107.1367	109.6370	68.38989	49.09844	3204.294	151.6750

#1	.0000230	.0440409	-.000076	.0000776	-.148673	-.002986	.0094100
#2	.0005981	.0030477	-.000084	.0000146	-.081445	.001107	.0072448
#3	-.000325	.0128518	-.000495	.0000975	-.232594	.002133	-.003256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.042264	.0007954	.0022688	-.000145	-.002517	-.000507	-.000111
Stddev	.003281	.0014460	.0007213	.000319	.003169	.000297	.000201
%RSD	7.763840	181.7972	31.79257	219.9984	125.8681	58.65699	181.1093

#1	-.041557	.0022650	.0024028	-.000140	-.003700	-.000576	.000002
#2	-.045841	-.000626	.0029138	-.000466	.001073	-.000181	.000009
#3	-.039393	.000747	.0014899	.000171	-.004925	-.000764	-.000344

Sample Name: ICB Acquired: 12/13/2017 11:50:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0010890	.0003195	-.000075
Stddev	.0004132	.0009288	.000067
%RSD	37.93954	290.6873	89.12887

#1	.0012176	.0007165	-.000002
#2	.0014226	.0009838	-.000090
#3	.0006268	-.000742	-.000132

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.530	2862.990	54912.23	6617.767	4337.979
Stddev	13.079	5.608	278.62	51.860	5.330
%RSD	.7395651	.1958891	.5073977	.7836437	.1228749

#1	1754.125	2857.509	54628.13	6677.317	4337.144
#2	1779.662	2862.745	54923.54	6582.529	4333.115
#3	1771.803	2868.717	55185.03	6593.457	4343.677

Sample Name: ICSA Acquired: 12/13/2017 12:04:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0083941	.0022554	-.000353	-.017261	.0068912	249.0700
Stddev	.0022556	.0017109	.002028	.003553	.0017533	.6584
%RSD	26.87171	75.85638	573.8214	20.58458	25.44333	.2643279

#1	.0059714	.0010936	-.002643	-.017189	.0087372	248.3506
#2	.0104335	.0014525	.001214	-.013745	.0052482	249.2170
#3	.0087773	.0042200	.000370	-.020850	.0066881	249.6425

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055051	.0007505	.0040417	266.2742	.0572833	.0008407
Stddev	.0000676	.0000474	.0002793	2.3742	.0011806	.0003198
%RSD	1.228143	6.315755	6.911698	.8916360	2.060998	38.03292

#1	.0055713	.0007956	.0038720	263.5531	.0559221	.0009485
#2	.0054361	.0007548	.0043641	267.3458	.0580285	.0010927
#3	.0055078	.0007011	.0038890	267.9238	.0578993	.0004810

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032877	105.6629	.0152506	270.1798	-.002337	.0000406
Stddev	.0008545	.9203	.0002966	2.2308	.000746	.0003271
%RSD	25.99134	.8709968	1.944862	.8256849	31.93184	806.3384

#1	.0027877	104.6014	.0149856	267.6443	-.002747	-.000337
#2	.0028010	106.1510	.0155710	271.0537	-.001475	.000214
#3	.0042744	106.2364	.0151953	271.8414	-.002787	.000244

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0920947	.0017790	.0076221	-.162681	-.004610	F .0251551
Stddev	.0095322	.0031364	.0062223	.014040	.003363	.0006639
%RSD	10.35040	176.2973	81.63467	8.630602	72.93404	2.639305

#1	.0923367	.0012478	.0136804	-.174815	-.008413	.0250257
#2	.0824438	.0051472	.0012478	-.147303	-.002029	.0245654
#3	.1015036	-.001058	.0079383	-.165925	-.003389	.0258741

Sample Name: ICSA Acquired: 12/13/2017 12:04:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0009433	.0151929	-.004253	-.005350	.0012438	.0012023
Stddev	.0004764	.0054039	.000926	.003276	.0010762	.0015803
%RSD	50.50198	35.56900	21.76886	61.23898	86.52147	131.4370

#1	.0013050	.0210896	-.005023	-.006895	.0020139	.0014815
#2	.0004035	.0140119	-.004511	-.007568	.0017035	-.000499
#3	.0011214	.0104771	-.003226	-.001587	.0000142	.002624

Elem	Sr4077
Units	ppm
Avg	.1069937
Stddev	.0000872
%RSD	.0815013

#1	.1070925
#2	.1069277
#3	.1069608

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.604	2552.957	48450.38	6354.510	3263.218
Stddev	8.280	26.725	101.74	43.914	39.167
%RSD	.5228863	1.046827	.2099922	.6910718	1.200244

#1	1582.731	2533.276	48460.70	6405.177	3235.562
#2	1575.795	2542.214	48343.87	6327.416	3246.056
#3	1592.286	2583.382	48546.57	6330.937	3308.036

Sample Name: ICSAB Acquired: 12/13/2017 12:08:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.1062636	.1023762	.0518829	.0281072	.6071788	248.4510
Stddev	.0028807	.0029494	.0023921	.0018405	.0043191	.6778
%RSD	2.710903	2.880912	4.610516	6.548171	.7113363	.2728084

#1	.1032960	.1017823	.0491527	.0264479	.6061487	249.1495
#2	.1090487	.0997689	.0536107	.0300869	.6034679	247.7960
#3	.1064461	.1055773	.0528854	.0277868	.6119198	248.4075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5462468	.5245338	1.033533	268.7243	.5474992	.5211420
Stddev	.0030703	.0027657	.005143	1.6187	.0006293	.0011931
%RSD	.5620711	.5272587	.4976171	.6023765	.1149393	.2289384

#1	.5482655	.5276723	1.027626	268.0672	.5480188	.5197793
#2	.5427135	.5234753	1.037021	267.5374	.5476795	.5219983
#3	.5477615	.5224537	1.035951	270.5682	.5467995	.5216485

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5283424	106.4826	.5472432	271.7505	1.020793	F .1594860
Stddev	.0026717	.1869	.0027592	.8661	.001593	.0005066
%RSD	.5056691	.1755507	.5041922	.3187099	.1560915	.3176760

#1	.5286926	106.3229	.5442032	270.8934	1.019220	.1599816
#2	.5308216	106.4368	.5479376	271.7328	1.020754	.1595072
#3	.5255129	106.6882	.5495888	272.6253	1.022406	.1589690

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1075092	.5213105	1.040396	-.285324	-.000843	F .0254758
Stddev	.0832460	.0091547	.012687	.014678	.001555	.0018428
%RSD	77.43153	1.756086	1.219461	5.144155	184.3476	7.233520

#1	.1092000	.5295846	1.027272	-.294730	-.001976	.0250310
#2	.0234307	.5114758	1.052596	-.268412	-.001484	.0238960
#3	.1898969	.5228709	1.041320	-.292832	.000929	.0275002

Sample Name: ICSAB Acquired: 12/13/2017 12:08:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0006050	.0108591	-.002274	-.004838	.0011243	.0011013
Stddev	.0005019	.0079525	.001469	.002416	.0012083	.0003846
%RSD	82.96216	73.23305	64.58979	49.95139	107.4799	34.92117

#1	.0011833	.0196073	-.000710	-.002346	.0017066	.0009514
#2	.0003485	.0040675	-.003624	-.004996	-.000265	.0008142
#3	.0002831	.0089026	-.002488	-.007171	.001931	.0015382

Elem	Sr4077
Units	ppm
Avg	.1070658
Stddev	.0002722
%RSD	.2542608

#1	.1068109
#2	.1073525
#3	.1070339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.943	2537.790	48206.70	6356.488	3249.317
Stddev	5.594	7.215	134.67	10.243	8.323
%RSD	.3574857	.2843064	.2793678	.1611404	.2561604

#1	1571.399	2533.400	48243.01	6357.224	3250.420
#2	1561.911	2546.117	48057.59	6345.896	3257.034
#3	1561.519	2533.853	48319.49	6366.342	3240.497

Sample Name: CCV032 Acquired: 12/13/2017 12:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971845	4.738300	24.72222	4.925544	4.905329	405.4913
Stddev	.022531	.013114	.05277	.010295	.017332	.7865
%RSD	.4531707	.2767730	.2134463	.2090217	.3533383	.1939703

#1	4.952321	4.753171	24.77529	4.914326	4.889875	405.9862
#2	4.966716	4.733336	24.66975	4.927745	4.902042	405.9034
#3	4.996499	4.728392	24.72162	4.934561	4.924069	404.5844

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05468	.5012707	2.516614	420.7416	14.71704	2.524202
Stddev	.12516	.0008664	.004664	.7928	.03818	.008171
%RSD	1.244755	.1728357	.1853465	.1884299	.2594171	.3236966

#1	10.13280	.5002758	2.520484	421.5836	14.74585	2.533371
#2	9.91032	.5016770	2.517924	420.6319	14.67374	2.517691
#3	10.12090	.5018592	2.511435	420.0094	14.73154	2.521544

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05005	420.1368	15.16305	416.9807	2.455938	F 1.535676
Stddev	.01997	.7689	.03479	.3285	.002421	.004330
%RSD	.1327001	.1830227	.2294479	.0787893	.0985704	.2819673

#1	15.05676	421.0167	15.20309	417.2454	2.457997	1.540487
#2	15.06579	419.8002	15.14589	416.6130	2.456545	1.532092
#3	15.02758	419.5936	15.14017	417.0838	2.453271	1.534449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.2122	2.482998	15.50041	150.0931	5.118983	5.084744
Stddev	.9156	.005122	.14251	.0630	.014308	.003168
%RSD	.2226507	.2062776	.9194237	.0419675	.2795169	.0623003

#1	412.2417	2.485596	15.62954	150.1601	5.110076	5.081244
#2	410.9055	2.486301	15.52419	150.0351	5.135488	5.085577
#3	410.4893	2.477098	15.34750	150.0841	5.111387	5.087413

Sample Name: CCV032 Acquired: 12/13/2017 12:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887773	5.172148	4.917063	4.923871	5.059922	5.294391
Stddev	.013847	.025787	.019717	.005038	.012477	.016433
%RSD	.2832994	.4985751	.4009927	.1023083	.2465841	.3103774

#1	4.872889	5.189966	4.897202	4.918110	5.074292	5.312011
#2	4.890156	5.183899	4.936633	4.927446	5.053630	5.291678
#3	4.900273	5.142578	4.917353	4.926058	5.051843	5.279484

Elem	Sr4077
Units	ppm
Avg	5.010306
Stddev	.014007
%RSD	.2795577

#1	5.012999
#2	4.995148
#3	5.022770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.489	2354.487	46260.42	6203.932	2816.513
Stddev	8.797	4.475	222.57	4.088	7.095
%RSD	.6015315	.1900811	.4811139	.0658945	.2519052

#1	1455.290	2359.215	46044.15	6199.324	2808.329
#2	1459.882	2353.929	46488.79	6207.124	2820.912
#3	1472.295	2350.316	46248.32	6205.347	2820.300

Sample Name: CCB032 Acquired: 12/13/2017 12:16:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001322	.0000867	-.000083	-.000421	-.000845	.0025315	-.000822
Stddev	.004608	.0010596	.000299	.002568	.000830	.0011732	.000075
%RSD	348.5373	1222.584	357.9643	610.5244	98.24587	46.34318	9.123929

#1	.000122	.0012537	-.000286	.001733	-.001270	.0038860	-.000820
#2	-.006480	-.000815	.000260	.000268	-.001377	.0018387	-.000897
#3	.002391	-.000179	-.000225	-.003263	.000112	.0018698	-.000748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000119	-.000052	.0010084	-.000188	.0000263	.0016245	-.005577
Stddev	.000016	.000087	.0052226	.000212	.0000789	.0018545	.011376
%RSD	13.32386	168.7093	517.8982	112.6709	300.3651	114.1643	203.9734

#1	-.000121	-.000050	-.004220	-.000166	-.000038	.0000769	-.007805
#2	-.000102	.000035	.006226	-.000410	.000003	.0011164	.006748
#3	-.000133	-.000140	.001019	.000012	.000114	.0036801	-.015674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003825	-.028397	-.000272	-.000084	-.137439	.0011316	.0061539
Stddev	.0002101	.012975	.000119	.000268	.043735	.0016579	.0043444
%RSD	54.92730	45.69334	43.75746	318.9439	31.82158	146.5078	70.59683

#1	.0003708	-.022358	-.000338	-.000073	-.143487	.0013607	.0072494
#2	.0001785	-.043291	-.000135	.000178	-.177835	.0026630	.0098457
#3	.0005982	-.019542	-.000344	-.000357	-.090994	-.000629	.0013665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117542	.0009672	.0029302	.0007732	-.003534	-.000901	-.000381
Stddev	.008536	.0021384	.0008138	.0001828	.002491	.001000	.000063
%RSD	7.262391	221.0914	27.77356	23.63696	70.49598	110.9634	16.55963

#1	-.127388	-.001501	.0030043	.0009839	-.004906	-.000038	-.000373
#2	-.112214	.002150	.0037045	.0006567	-.005037	-.000668	-.000322
#3	-.113023	.002253	.0020819	.0006792	-.000658	-.001997	-.000447

Sample Name: CCB032 Acquired: 12/13/2017 12:16:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014811	-.001754	-.000051
Stddev	.0007284	.000554	.000024
%RSD	49.17562	31.60105	47.28372

#1	.0007504	-.001640	-.000057
#2	.0014859	-.002357	-.000072
#3	.0022071	-.001266	-.000025

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.346	2860.020	55088.53	6570.761	4339.145
Stddev	5.567	14.503	196.62	.759	20.535
%RSD	.3124929	.5071067	.3569192	.0115572	.4732588

#1	1777.681	2852.240	54887.03	6570.054	4325.292
#2	1787.752	2851.067	55279.88	6570.665	4329.404
#3	1778.606	2876.753	55098.66	6571.564	4362.738

Sample Name: PB104966BL Acquired: 12/13/2017 12:20:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	-.000300	-.001234	.0008889	-.001721	-.000551	-.000935	-.000602
Stddev	.001007	.000482	.0022396	.000933	.000668	.003410	.000141
%RSD	335.2982	39.10458	251.9560	54.23799	121.2125	364.5261	23.35530

#1	.000407	-.001195	.0026709	-.000713	-.000717	-.004029	-.000709
#2	.000146	-.000772	.0016209	-.002555	-.001120	.002720	-.000656
#3	-.001453	-.001734	-.001625	-.001895	.000184	-.001497	-.000443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000121	.0000540	.0047656	-.000240	-.000044	.0011027	.0090131
Stddev	.000020	.0000526	.0063096	.000063	.000157	.0009596	.0020386
%RSD	16.39359	97.55157	132.3976	26.37581	353.7212	87.02158	22.61824

#1	-.000100	.0000631	-.001482	-.000192	-.000223	.0000918	.0097904
#2	-.000125	-.000003	.011135	-.000216	.000071	.0020011	.0105487
#3	-.000139	.000101	.004643	-.000311	.000019	.0012152	.0067002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000271	-.002627	-.000348	.0001352	-.138098	-.000566	.0029804
Stddev	.0003034	.018454	.000153	.0002094	.093212	.001446	.0018708
%RSD	1117.645	702.5181	44.14248	154.8424	67.49696	255.5246	62.76914

#1	-.000323	.012920	-.000177	.0000337	-.082805	.001088	.0051123
#2	.000214	-.023020	-.000474	-.000004	-.085773	-.001195	.0016125
#3	.000190	.002219	-.000392	.000376	-.245716	-.001592	.0022165

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.132834	.0001783	.0017599	.0001011	-.001924	.0002539	.0000600
Stddev	.018847	.0011272	.0007627	.0001853	.000792	.0012095	.0008491
%RSD	14.18835	632.2713	43.34066	183.3218	41.18668	476.3584	1416.036

#1	-.154363	.0006599	.0011285	-.000095	-.002816	.0013499	.0003915
#2	-.119317	-.001110	.0015437	.000274	-.001655	.0004555	.0006932
#3	-.124822	.000985	.0026074	.000124	-.001301	-.001044	-.000905

Sample Name: PB104966BL Acquired: 12/13/2017 12:20:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0013872	-.001971	-.000031
Stddev	.0004591	.001003	.000028
%RSD	33.09226	50.90616	90.91773

#1	.0008661	-.002884	-.000011
#2	.0015633	-.002131	-.000063
#3	.0017321	-.000897	-.000019

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.981	2870.138	55031.48	6593.870	4349.304
Stddev	21.327	6.705	245.34	31.386	8.376
%RSD	1.192140	.2336286	.4458130	.4759939	.1925929

#1	1768.398	2873.570	54766.86	6629.688	4345.197
#2	1810.981	2874.433	55076.18	6580.744	4358.941
#3	1787.562	2862.412	55251.39	6571.177	4343.774

Sample Name: PB104966BS Acquired: 12/13/2017 12:24:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0208322	.0531687	.0207313	.0773254	.1220372	.4048999
Stddev	.0042418	.0005424	.0005397	.0035229	.0020688	.0069128
%RSD	20.36187	1.020062	2.603347	4.555921	1.695214	1.707292

#1	.0231747	.0525433	.0206488	.0813930	.1196759	.3973291
#2	.0159357	.0534537	.0213074	.0752547	.1229042	.4064946
#3	.0233863	.0535092	.0202375	.0753284	.1235314	.4108760

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4322709	.0112662	.0101302	11.24375	.0217647	.0988713
Stddev	.0020865	.0001404	.0000666	.04651	.0006480	.0007111
%RSD	.4826874	1.246364	.6573485	.4136606	2.977476	.7192097

#1	.4337278	.0113158	.0102020	11.28059	.0212365	.0986822
#2	.4298806	.0111077	.0101182	11.19149	.0215698	.0982738
#3	.4332042	.0113751	.0100705	11.25919	.0224878	.0996578

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571375	.2233089	.0340142	10.58044	.0804048	.0184578
Stddev	.0025702	.0097265	.0005309	.08811	.0001116	.0001315
%RSD	4.498186	4.355628	1.560674	.8327954	.1388074	.7125208

#1	.0550880	.2318533	.0334064	10.62348	.0802805	.0185256
#2	.0563034	.2127240	.0343868	10.47907	.0804375	.0183062
#3	.0600211	.2253493	.0342493	10.63876	.0804964	.0185416

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31870	.1063070	.1329175	9.801527	F .0278112	F .0244026
Stddev	.17739	.0035788	.0017576	.030428	.0012559	.0004406
%RSD	1.719080	3.366477	1.322359	.3104420	4.515651	1.805644

#1	10.20412	.1040656	.1316251	9.778719	.0274165	.0241742
#2	10.22895	.1104343	.1322084	9.789785	.0268002	.0241231
#3	10.52303	.1044210	.1349189	9.836076	.0292171	.0249106

Sample Name: PB104966BS Acquired: 12/13/2017 12:24:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0222631	.1806670	.2264284	F .0125904	.2201478	.1031848
Stddev	.0002101	.0037202	.0005525	.0004912	.0016024	.0004362
%RSD	.9435413	2.059154	.2440024	3.901648	.7278787	.4227376

#1	.0222349	.1847522	.2266630	.0131573	.2219365	.1036681
#2	.0220686	.1774740	.2257973	.0123232	.2188433	.1028204
#3	.0224859	.1797748	.2268249	.0122907	.2196636	.1030658

Elem	Sr4077
Units	ppm
Avg	.2150493
Stddev	.0005217
%RSD	.2426067

#1	.2149306
#2	.2145972
#3	.2156202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.273	2815.812	53397.32	6535.285	4127.848
Stddev	2.015	9.791	284.02	30.960	15.093
%RSD	.1162785	.3477145	.5318925	.4737387	.3656332

#1	1731.300	2822.584	53188.32	6501.166	4134.059
#2	1733.190	2820.267	53282.94	6561.589	4138.844
#3	1735.328	2804.586	53720.69	6543.101	4110.641

Sample Name: I6754-06 Acquired: 12/13/2017 12:28:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034619	-.003075	-.001239	-.001862	.0007386	.0553228
Stddev	.0020629	.001987	.004257	.001435	.0007516	.0100156
%RSD	59.58862	64.61220	343.6412	77.05954	101.7601	18.10390

#1	.0057647	-.000872	-.004803	-.003396	.0014752	.0516134
#2	.0028378	-.003622	.003475	-.001636	.0007679	.0476910
#3	.0017831	-.004731	-.002387	-.000553	-.000027	.0666639

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142222	-.000042	-.000196	323.4191	.0009549	-.001941
Stddev	.0004687	.000061	.000123	2.3452	.0002608	.000411
%RSD	3.295774	145.5608	62.76300	.7251393	27.30558	21.19279

#1	.0143621	-.000046	-.000306	324.7129	.0011214	-.002319
#2	.0136995	-.000102	-.000219	320.7120	.0006544	-.001999
#3	.0146051	.000021	-.000063	324.8325	.0010890	-.001503

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061745	.0338104	.0186170	F 993.6806	-.001926	.0008030
Stddev	.0011596	.0080540	.0004411	7.4188	.000716	.0000928
%RSD	18.78039	23.82114	2.369468	.7465968	37.17820	11.55762

#1	.0054487	.0269807	.0183293	997.7114	-.002509	.0008405
#2	.0075119	.0426918	.0191249	985.1190	-.001127	.0008712
#3	.0055630	.0317586	.0183968	998.2113	-.002141	.0006973

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9082.561	.0053233	.0118884	F 369.1477	.0566089	3.539476
Stddev	147.562	.0001150	.0025533	4.5327	.0068631	.027199
%RSD	1.624669	2.160688	21.47761	1.227894	12.12375	.7684540

#1	9089.700	.0053881	.0131457	367.4183	.0557742	3.542176
#2	8931.559	.0053914	.0089502	365.7342	.0502014	3.511027
#3	9226.423	.0051905	.0135693	374.2905	.0638512	3.565224

Sample Name: I6754-06 Acquired: 12/13/2017 12:28:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z88 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110093	905.1377	.5143683	-.007240	-.005806	.2082720
Stddev	.0006042	9.8930	.0041615	.002671	.001116	.0055835
%RSD	5.487923	1.092979	.8090440	36.88878	19.21574	2.680883

#1	.0106477	907.7712	.5188614	-.008286	-.005688	.2048297
#2	.0106735	894.1944	.5135972	-.009229	-.004754	.2052721
#3	.0117069	913.4474	.5106463	-.004204	-.006976	.2147142

Elem	Sr4077
Units	ppm
Avg	6.135040
Stddev	.040371
%RSD	.6580323

#1	6.088518
#2	6.160866
#3	6.155735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1237.721	1989.702	37287.97	5831.256	2158.150
Stddev	9.192	6.417	99.57	31.495	13.973
%RSD	.7426814	.3225293	.2670251	.5401124	.6474427

#1	1238.824	1984.002	37380.95	5827.548	2147.141
#2	1228.027	1996.652	37182.91	5864.441	2173.869
#3	1246.312	1988.453	37300.06	5801.779	2153.440

Sample Name: I6754-07 Acquired: 12/13/2017 12:32:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030625	-.002910	-.003409	-.001816	.0008028	.0518185
Stddev	.0070943	.000683	.003792	.004146	.0012359	.0020101
%RSD	231.6477	23.48819	111.2547	228.3042	153.9495	3.879169

#1	.0107905	-.002569	.000435	.000994	-.000095	.0518020
#2	.0015519	-.002464	-.003514	.000136	.000291	.0538368
#3	-.003155	-.003697	-.007147	-.006578	.002212	.0498166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142794	.0000820	-.000204	325.1647	.0009002	-.001763
Stddev	.0000246	.0000612	.000171	.4717	.0009123	.000102
%RSD	.1720657	74.63197	83.51891	.1450511	101.3458	5.776224

#1	.0143029	.0001430	-.000099	324.6316	.0015927	-.001879
#2	.0142813	.0000822	-.000401	325.5276	.0012415	-.001717
#3	.0142539	.0000207	-.000113	325.3350	-.000134	-.001692

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071953	.0474158	.0189053	F 999.0171	-.001564	.0004403
Stddev	.0005329	.0166169	.0003426	.6603	.000117	.0000710
%RSD	7.405717	35.04518	1.812250	.0660977	7.507795	16.11733

#1	.0067174	.0286801	.0189239	999.6290	-.001685	.0005204
#2	.0077699	.0531984	.0192382	998.3171	-.001451	.0003855
#3	.0070985	.0603689	.0185538	999.1052	-.001557	.0004149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9214.744	.0049689	.0195231	F 375.3286	.0672112	3.562330
Stddev	21.147	.0007159	.0039973	.7271	.0054613	.013023
%RSD	.2294930	14.40827	20.47469	.1937259	8.125644	.3655726

#1	9190.370	.0041520	.0187569	374.4896	.0617543	3.572314
#2	9225.652	.0052671	.0159644	375.7206	.0672023	3.567077
#3	9228.209	.0054874	.0238480	375.7756	.0726770	3.547600

Sample Name: I6754-07 Acquired: 12/13/2017 12:32:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z89 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112243	905.3579	.5376637	-.010926	-.005439	.2091756
Stddev	.0002429	8.3036	.0072570	.002917	.000179	.0034957
%RSD	2.164151	.9171644	1.349725	26.69791	3.287460	1.671172

#1	.0110914	896.8395	.5312949	-.008653	-.005488	.2051392
#2	.0115047	905.8056	.5455643	-.014215	-.005588	.2112077
#3	.0110769	913.4286	.5361319	-.009909	-.005241	.2111800

Elem	Sr4077
Units	ppm
Avg	6.139668
Stddev	.060171
%RSD	.9800396

#1	6.135092
#2	6.201996
#3	6.081915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.470	1949.299	36728.33	5743.907	2128.315
Stddev	3.876	13.864	70.66	11.463	15.086
%RSD	.3202273	.7112305	.1923940	.1995687	.7088375

#1	1214.884	1955.862	36754.34	5739.755	2136.010
#2	1207.620	1958.663	36782.30	5735.099	2138.003
#3	1208.907	1933.372	36648.34	5756.868	2110.933

Sample Name: I6754-08 Acquired: 12/13/2017 12:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114992	.0024362	-.003808	-.007316	-.001552	.0544820
Stddev	.0043612	.0027251	.002796	.011344	.002029	.0069819
%RSD	37.92618	111.8584	73.43089	155.0543	130.7371	12.81498

#1	.0083905	.0052478	-.001470	-.020396	.000617	.0491041
#2	.0096226	.0022539	-.006906	-.001394	-.001869	.0623724
#3	.0164846	-.000193	-.003048	-.000159	-.003405	.0519696

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142255	.0000413	.0000317	323.5494	.0011304	-.001567
Stddev	.0001508	.0000565	.0002015	1.6070	.0000925	.000628
%RSD	1.060317	136.6874	635.0943	.4966683	8.187013	40.09084

#1	.0141452	.0000144	-.000109	324.7685	.0011903	-.001221
#2	.0143994	.0001063	.000263	324.1514	.0011771	-.001187
#3	.0141317	.0000033	-.000058	321.7284	.0010238	-.002292

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064468	.0553056	.0197453	F 992.4046	-.001116	.0002887
Stddev	.0009461	.0077133	.0006660	4.2986	.000284	.0001382
%RSD	14.67584	13.94672	3.372825	.4331549	25.49141	47.87421

#1	.0053845	.0471294	.0204277	994.5293	-.001209	.0004371
#2	.0071989	.0624526	.0197113	995.2273	-.000796	.0002655
#3	.0067569	.0563350	.0190970	987.4574	-.001342	.0001636

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9210.365	.0034469	.0206711	F 378.3580	.0620248	3.557415
Stddev	37.040	.0028393	.0126179	.2800	.0068102	.014725
%RSD	.4021595	82.37013	61.04107	.0739949	10.97979	.4139107

#1	9221.424	.0002001	.0185258	378.1731	.0680168	3.559492
#2	9169.055	.0054640	.0342241	378.6801	.0546185	3.570991
#3	9240.617	.0046767	.0092634	378.2208	.0634389	3.541763

Sample Name: I6754-08 Acquired: 12/13/2017 12:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z90 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112327	904.8974	.4965188	-.008320	-.005143	.2057376
Stddev	.0006571	4.8501	.0093956	.002350	.000734	.0007859
%RSD	5.849647	.5359887	1.892297	28.24297	14.26368	.3819916

#1	.0108852	910.3182	.5034680	-.008929	-.005722	.2066032
#2	.0119905	903.4056	.5002595	-.010306	-.005389	.2050687
#3	.0108223	900.9684	.4858290	-.005726	-.004318	.2055410

Elem	Sr4077
Units	ppm
Avg	6.177310
Stddev	.000676
%RSD	.0109402

#1	6.177141
#2	6.178055
#3	6.176735

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.479	1919.147	36155.93	5712.198	2103.307
Stddev	8.473	5.965	85.43	22.569	2.944
%RSD	.7141600	.3107942	.2362709	.3951055	.1399843

#1	1192.009	1925.861	36199.70	5706.060	2106.685
#2	1176.724	1914.459	36057.49	5693.332	2101.955
#3	1190.704	1917.121	36210.59	5737.201	2101.282

Sample Name: I6754-09 Acquired: 12/13/2017 12:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050055	-.005437	-.004305	-.002785	.0001014	.0678777
Stddev	.0056123	.001321	.000258	.002356	.0038982	.0095549
%RSD	112.1226	24.30521	5.987544	84.58436	3843.002	14.07666

#1	.0095469	-.006317	-.004011	-.000283	-.001238	.0772858
#2	.0067387	-.006076	-.004417	-.003113	.004493	.0581825
#3	-.001269	-.003917	-.004489	-.004961	-.002951	.0681648

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143244	-.000005	-.000078	314.9147	.0004340	-.001621
Stddev	.0004848	.000019	.000156	.3021	.0003496	.000331
%RSD	3.384621	400.9369	199.1240	.0959309	80.54952	20.41510

#1	.0144777	-.000014	.000025	315.0080	.0008036	-.001956
#2	.0137815	-.000018	-.000258	314.5769	.0001087	-.001295
#3	.0147141	.000017	-.000002	315.1591	.0003896	-.001613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046020	.0557183	.0192308	F 969.1778	-.001604	.0003551
Stddev	.0004484	.0099587	.0003088	1.4460	.000418	.0003091
%RSD	9.744118	17.87329	1.605747	.1492019	26.05732	87.04424

#1	.0047614	.0495595	.0189003	970.6403	-.002082	.0002864
#2	.0040957	.0503877	.0192801	967.7488	-.001422	.0006927
#3	.0049490	.0672076	.0195120	969.1443	-.001308	.0000861

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9157.956	.0047293	.0174349	F 373.2548	.0625129	3.478485
Stddev	4.957	.0030544	.0060674	.3651	.0023659	.010705
%RSD	.0541290	64.58396	34.80021	.0978201	3.784651	.3077458

#1	9161.298	.0033308	.0211072	372.9038	.0649477	3.487414
#2	9160.310	.0026245	.0104317	373.6325	.0602225	3.481424
#3	9152.261	.0082326	.0207658	373.2282	.0623686	3.466618

Sample Name: I6754-09 Acquired: 12/13/2017 12:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z91 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105585	889.9262	.5052246	-.008832	-.005533	.1944094
Stddev	.0001915	2.2266	.0066144	.002697	.000176	.0002593
%RSD	1.813895	.2501952	1.309205	30.54225	3.177144	.1333966

#1	.0103971	890.1057	.5001097	-.006516	-.005480	.1942029
#2	.0107701	892.0575	.5028699	-.008186	-.005390	.1947005
#3	.0105083	887.6153	.5126941	-.011794	-.005729	.1943247

Elem	Sr4077
Units	ppm
Avg	6.023352
Stddev	.025386
%RSD	.4214668

#1	5.994929
#2	6.043773
#3	6.031354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.298	1944.129	36833.56	5785.728	2129.172
Stddev	8.084	8.865	121.15	2.734	6.644
%RSD	.6668460	.4559797	.3289236	.0472618	.3120578

#1	1221.421	1948.740	36971.54	5784.039	2132.495
#2	1209.445	1949.737	36784.56	5784.261	2133.500
#3	1206.026	1933.909	36744.58	5788.882	2121.522

Sample Name: I6754-10 Acquired: 12/13/2017 12:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084280	-.001746	-.002277	-.001455	.0013237	.0508643
Stddev	.0003125	.001619	.001106	.007908	.0014540	.0089207
%RSD	3.708341	92.74491	48.56820	543.5981	109.8423	17.53825

#1	.0087834	-.000357	-.003116	-.009586	.0021101	.0429961
#2	.0083045	-.003525	-.001024	-.000988	.0022150	.0605558
#3	.0081961	-.001357	-.002691	.006210	-.000354	.0490410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097018	.0000347	-.000210	341.8003	.0005559	-.001568
Stddev	.0000721	.0000519	.000174	1.5081	.0006527	.000864
%RSD	.7428839	149.6541	82.87908	.4412314	117.4103	55.10350

#1	.0097049	.0000228	-.000392	340.0589	.0010338	-.000570
#2	.0097723	-.000010	-.000046	342.6874	.0008216	-.002059
#3	.0096282	.000091	-.000192	342.6544	-.000188	-.002074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060544	-.077845	.0077627	F 1050.450	-.000811	.0002854
Stddev	.0023450	.004245	.0009802	4.047	.000678	.0003490
%RSD	38.73265	5.453153	12.62657	.3852640	83.63471	122.2725

#1	.0034967	-.076488	.0070177	1045.780	-.000039	.0004387
#2	.0065633	-.082603	.0073973	1052.651	-.001310	-.000114
#3	.0081032	-.074445	.0088731	1052.920	-.001083	.000532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9864.494	.0046773	.0106588	F 407.7036	.1139895	3.825013
Stddev	73.039	.0051404	.0064035	2.2040	.0020270	.021999
%RSD	.7404207	109.9002	60.07686	.5405901	1.778232	.5751401

#1	9780.265	.0083559	.0036361	406.7233	.1128751	3.800311
#2	9902.894	.0068722	.0121662	410.2277	.1127642	3.842494
#3	9910.323	-.001196	.0161741	406.1599	.1163292	3.832235

Sample Name: I6754-10 Acquired: 12/13/2017 12:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091957	964.8007	1.505536	-.006918	-.005588	.2112822
Stddev	.0003020	6.2774	.010648	.001933	.000614	.0027434
%RSD	3.284336	.6506453	.7072519	27.94196	10.98853	1.298468

#1	.0091532	964.0075	1.495175	-.009098	-.005972	.2097829
#2	.0089172	958.9576	1.516449	-.005414	-.004880	.2144485
#3	.0095167	971.4371	1.504984	-.006241	-.005913	.2096151

Elem	Sr4077
Units	ppm
Avg	6.595454
Stddev	.062046
%RSD	.9407444

#1	6.528234
#2	6.650531
#3	6.607598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.903	1898.189	36037.13	5621.602	2061.744
Stddev	10.776	7.481	19.86	26.672	8.615
%RSD	.9094049	.3941366	.0550989	.4744495	.4178618

#1	1177.442	1900.726	36048.20	5652.394	2065.219
#2	1197.257	1904.071	36048.98	5606.732	2068.080
#3	1180.010	1889.768	36014.21	5605.680	2051.934

Sample Name: I6754-11 Acquired: 12/13/2017 12:50:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087203	-.000565	-.003706	-.002374	.0003046	.0574919
Stddev	.0010480	.003373	.004838	.006269	.0022798	.0052187
%RSD	12.01815	597.2586	130.5656	264.0683	748.4008	9.077236

#1	.0091928	-.002239	.001523	-.009591	.0015769	.0622641
#2	.0094488	.003318	-.004617	.001709	.0016644	.0582924
#3	.0075192	-.002774	-.008023	.000761	-.002327	.0519192

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099178	.0001258	-.000114	334.4719	.0003092	-.002016
Stddev	.0000888	.0001084	.000113	1.1883	.0005334	.000420
%RSD	.8952062	86.11458	99.22755	.3552634	172.4961	20.82679

#1	.0098880	.0002500	-.000245	333.6357	.0004450	-.002071
#2	.0098477	.0000508	-.000041	333.9478	.0007616	-.002406
#3	.0100176	.0000766	-.000057	335.8321	-.000279	-.001571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059114	-.063060	.0088085	F 1027.162	-.001102	.0002251
Stddev	.0017535	.012235	.0007497	4.269	.000192	.0002122
%RSD	29.66287	19.40277	8.510729	.4156292	17.42546	94.26913

#1	.0079271	-.049610	.0095819	1024.826	-.001320	.0003818
#2	.0050690	-.073531	.0087584	1024.570	-.000957	-.000016
#3	.0047380	-.066038	.0080851	1032.089	-.001029	.000310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9705.788	.0050954	.0165309	F 397.8265	.1186338	3.753677
Stddev	89.581	.0013908	.0075300	.8978	.0067323	.014463
%RSD	.9229626	27.29411	45.55152	.2256782	5.674880	.3852998

#1	9739.064	.0038060	.0250614	398.8089	.1109708	3.753559
#2	9604.331	.0065692	.0108081	397.0486	.1213321	3.739273
#3	9773.968	.0049112	.0137230	397.6221	.1235983	3.768199

Sample Name: I6754-11 Acquired: 12/13/2017 12:50:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093305	945.4253	1.531918	-.008801	-.004851	.2046262
Stddev	.0006935	3.6085	.002984	.001251	.000974	.0010466
%RSD	7.433005	.3816826	.1947819	14.20852	20.08348	.5114444

#1	.0087046	945.4565	1.533655	-.009997	-.005458	.2043747
#2	.0100761	941.8013	1.528472	-.007502	-.005367	.2057756
#3	.0092108	949.0181	1.533626	-.008905	-.003727	.2037283

Elem	Sr4077
Units	ppm
Avg	6.438632
Stddev	.041269
%RSD	.6409573

#1	6.467441
#2	6.391355
#3	6.457101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.661	1906.230	36134.96	5670.235	2076.813
Stddev	11.271	7.722	284.74	28.165	6.599
%RSD	.9537878	.4050778	.7880003	.4967098	.3177375

#1	1192.770	1901.006	36439.75	5684.321	2074.062
#2	1170.236	1915.100	36089.34	5688.578	2084.342
#3	1181.978	1902.584	35875.77	5637.806	2072.035

Sample Name: I6754-12 Acquired: 12/13/2017 12:54:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094216	-.000649	-.002997	-.001088	-.001910	.0665754
Stddev	.0017765	.002151	.003145	.009854	.000620	.0116328
%RSD	18.85592	331.3032	104.9324	905.8028	32.48256	17.47313

#1	.0095178	-.002120	-.006379	-.007211	-.002624	.0746378
#2	.0075990	.001820	-.000159	.010279	-.001608	.0532399
#3	.0111481	-.001648	-.002454	-.006331	-.001499	.0718485

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100089	-.000003	.0000257	330.4793	.0011782	-.001620
Stddev	.0002166	.000013	.0001859	1.0848	.0007115	.000274
%RSD	2.164472	526.9518	723.9720	.3282643	60.39179	16.91221

#1	.0100842	-.000010	-.000165	331.3983	.0016659	-.001918
#2	.0101778	.000013	.000207	329.2826	.0003617	-.001559
#3	.0097646	-.000010	.000035	330.7571	.0015070	-.001381

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066343	-.059893	.0089742	F 1013.208	-.000893	.0006197
Stddev	.0021927	.003969	.0008785	1.809	.000916	.0000535
%RSD	33.05011	6.626364	9.789280	.1785652	102.5891	8.636225

#1	.0077515	-.055766	.0096453	1014.777	-.000157	.0005829
#2	.0041081	-.063682	.0079799	1011.229	-.000602	.0006810
#3	.0080433	-.060230	.0092974	1013.618	-.001918	.0005950

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9560.865	.0052057	.0167281	F 395.6694	.1191375	3.717806
Stddev	50.353	.0023543	.0086353	.9442	.0072007	.014718
%RSD	.5266589	45.22592	51.62114	.2386436	6.044034	.3958679

#1	9616.272	.0073930	.0082988	395.5393	.1169757	3.714672
#2	9548.426	.0027140	.0163301	394.7969	.1132653	3.704909
#3	9517.897	.0055101	.0255555	396.6719	.1271715	3.733839

Sample Name: I6754-12 Acquired: 12/13/2017 12:54:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089674	937.0940	1.538410	-.010832	-.004988	.1995505
Stddev	.0003378	6.9517	.007583	.002715	.000607	.0004884
%RSD	3.767022	.7418384	.4929241	25.06421	12.16205	.2447437

#1	.0092804	930.3864	1.538683	-.013808	-.005617	.1990282
#2	.0086093	936.6291	1.530693	-.010197	-.004406	.1999958
#3	.0090125	944.2666	1.545853	-.008490	-.004941	.1996276

Elem	Sr4077
Units	ppm
Avg	6.380220
Stddev	.056716
%RSD	.8889346

#1	6.445127
#2	6.355313
#3	6.340218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.650	1909.709	36183.98	5684.913	2077.473
Stddev	3.229	12.624	176.91	19.468	8.912
%RSD	.2709889	.6610624	.4889160	.3424471	.4289782

#1	1188.092	1901.629	35989.39	5675.700	2073.439
#2	1194.396	1924.257	36227.42	5707.278	2087.689
#3	1192.463	1903.243	36335.12	5671.763	2071.292

Sample Name: I6754-13 Acquired: 12/13/2017 12:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0609439	.0481077	.0172045	.0754627	.1400735	2.416741
Stddev	.0026887	.0006358	.0030920	.0058790	.0018666	.022692
%RSD	4.411757	1.321724	17.97208	7.790555	1.332566	.9389491

#1	.0592822	.0487792	.0146359	.0793737	.1379474	2.393793
#2	.0595037	.0475148	.0163412	.0783125	.1408300	2.439168
#3	.0640459	.0480290	.0206364	.0687020	.1414431	2.417261

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.398245	.0685226	.0585508	333.1503	.1973331	.5696630
Stddev	.008894	.0004045	.0003267	.9412	.0013011	.0020187
%RSD	.3708657	.5903315	.5579524	.2825286	.6593191	.3543633

#1	2.395479	.0689147	.0585051	333.6635	.1962904	.5695442
#2	2.408194	.0685463	.0582494	333.7234	.1987911	.5677064
#3	2.391062	.0681067	.0588980	332.0640	.1969176	.5717385

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3338459	1.029813	.5528595	F 1019.990	.5416583	.1273769
Stddev	.0030712	.016499	.0027786	3.945	.0017943	.0004079
%RSD	.9199460	1.602159	.5025848	.3867875	.3312635	.3201952

#1	.3322828	1.031724	.5521668	1023.672	.5407598	.1278032
#2	.3373843	1.045274	.5559189	1020.472	.5404908	.1269903
#3	.3318707	1.012441	.5504928	1015.826	.5437244	.1273372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9672.631	.5702366	.6804534	F 397.7404	.1176985	3.757269
Stddev	22.612	.0095814	.0048413	1.4958	.0013820	.024219
%RSD	.2337723	1.680240	.7114741	.3760701	1.174212	.6445850

#1	9663.936	.5764500	.6754763	398.3385	.1173739	3.767816
#2	9698.300	.5750575	.6807377	398.8446	.1192139	3.774426
#3	9655.657	.5592023	.6851463	396.0381	.1165076	3.729565

Sample Name: I6754-13 Acquired: 12/13/2017 12:59:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094432	943.1077	1.552062	-.009027	-.005487	.2029796
Stddev	.0001913	1.9488	.012956	.002430	.000950	.0023271
%RSD	2.026331	.2066368	.8347736	26.91657	17.31451	1.146465

#1	.0092889	941.0464	1.559601	-.006621	-.006578	.2003474
#2	.0096573	943.3565	1.559483	-.008981	-.005046	.2047637
#3	.0093833	944.9201	1.537101	-.011480	-.004838	.2038276

Elem	Sr4077
Units	ppm
Avg	6.430686
Stddev	.040667
%RSD	.6323869

#1	6.386074
#2	6.465686
#3	6.440297

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1182.968	1910.950	35995.78	5629.138	2061.723
Stddev	5.127	7.295	183.35	19.365	7.876
%RSD	.4334111	.3817601	.5093721	.3440207	.3820179

#1	1183.088	1915.199	36093.82	5611.379	2066.473
#2	1188.034	1915.124	36109.26	5626.251	2066.064
#3	1177.782	1902.526	35784.25	5649.785	2052.631

Sample Name: I6754-11LX5 Acquired: 12/13/2017 13:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025393	-.001783	-.001766	-.002116	-.000685	.0128042
Stddev	.0013619	.000516	.001764	.003836	.000257	.0036949
%RSD	53.63272	28.96385	99.87647	181.2767	37.50430	28.85670

#1	.0021758	-.001854	-.000166	.001785	-.000662	.0109538
#2	.0040461	-.001235	-.003658	-.005883	-.000440	.0104002
#3	.0013961	-.002260	-.001475	-.002250	-.000952	.0170587

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006334	.0000499	.0000330	68.05190	.0002977	-.001318
Stddev	.0003373	.0001375	.0000258	.21720	.0002685	.000521
%RSD	53.26201	275.4504	78.06175	.3191737	90.20816	39.49010

#1	.0004559	.0001055	.0000628	67.86718	.0002739	-.001307
#2	.0004218	.0001510	.0000183	68.29118	.0000419	-.001845
#3	.0010224	-.000107	.0000179	67.99734	.0005774	-.000804

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039077	-.006100	.0016765	210.6918	-.000650	.0004220
Stddev	.0012009	.010121	.0005236	.2937	.000569	.0001441
%RSD	30.73180	165.8999	31.23470	.1394142	87.44717	34.15394

#1	.0028186	-.010412	.0010720	210.3564	-.000813	.0005287
#2	.0051956	-.013352	.0019680	210.9034	-.001120	.0004792
#3	.0037089	.005462	.0019896	210.8155	-.000018	.0002580

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1862.990	.0022974	.0061766	72.51139	.0199971	.7830834
Stddev	4.580	.0027595	.0055866	.25103	.0062615	.0020127
%RSD	.2458462	120.1138	90.44856	.3461990	31.31182	.2570280

#1	1860.962	-.000518	.0112947	72.65712	.0265204	.7848035
#2	1868.234	.002413	.0070180	72.65554	.0140352	.7835769
#3	1859.774	.004997	.0002170	72.22153	.0194358	.7808698

Sample Name: I6754-11LX5 Acquired: 12/13/2017 13:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB8L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023795	166.5757	.2700542	-.002447	.0001787	.0587357
Stddev	.0004349	1.0432	.0030784	.001280	.0013078	.0002526
%RSD	18.27784	.6262352	1.139928	52.32970	731.9863	.4300573

#1	.0020332	167.1682	.2729385	-.001619	.0016411	.0589973
#2	.0028677	167.1876	.2704113	-.001799	-.000879	.0584931
#3	.0022377	165.3712	.2668128	-.003921	-.000227	.0587167

Elem	Sr4077
Units	ppm
Avg	1.343932
Stddev	.003766
%RSD	.2802133

#1	1.346801
#2	1.345329
#3	1.339668

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.715	2227.372	43052.89	6243.616	2799.028
Stddev	5.789	13.361	102.36	42.505	14.127
%RSD	.4245034	.5998429	.2377469	.6807723	.5047073

#1	1357.419	2212.829	42990.81	6212.237	2782.720
#2	1364.918	2230.184	42996.83	6226.622	2806.872
#3	1368.807	2239.103	43171.03	6291.988	2807.493

Sample Name: I6754-14 Acquired: 12/13/2017 13:07:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061255	-.000535	-.000283	-.000678	.0006769	.0559437
Stddev	.0054741	.002546	.005483	.006281	.0018550	.0167788
%RSD	89.36620	475.6346	1935.462	926.3651	274.0357	29.99228

#1	.0117012	-.003185	-.005765	-.006357	.0017277	.0383013
#2	.0059163	-.000314	-.000284	.006068	.0017679	.0716994
#3	.0007589	.001893	.005200	-.001745	-.001465	.0578305

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100887	.0000439	-.000205	344.3814	.0011826	-.002217
Stddev	.0001593	.0000639	.000074	1.6709	.0007495	.000393
%RSD	1.579093	145.7329	35.96861	.4851987	63.37853	17.72701

#1	.0102637	.0000794	-.000169	345.5778	.0020142	-.001768
#2	.0100505	-.000030	-.000289	342.4723	.0009743	-.002497
#3	.0099520	.000082	-.000156	345.0942	.0005592	-.002387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047803	-.086684	.0067515	F 1053.094	-.001647	.0006086
Stddev	.0008381	.024100	.0008492	4.237	.001161	.0002842
%RSD	17.53184	27.80200	12.57759	.4023193	70.47557	46.69323

#1	.0053123	-.068625	.0068856	1056.043	-.001764	.0007715
#2	.0038142	-.077378	.0058432	1048.239	-.002745	.0002805
#3	.0052143	-.114049	.0075256	1055.000	-.000432	.0007739

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9885.627	.0015700	-.001039	F 406.5486	.1144427	3.885281
Stddev	58.933	.0001557	.006560	1.7768	.0026084	.021816
%RSD	.5961448	9.919651	631.2334	.4370453	2.279209	.5615149

#1	9936.636	.0015335	.006115	404.5178	.1158416	3.899612
#2	9821.115	.0014358	-.002459	407.3115	.1160532	3.860173
#3	9899.132	.0017408	-.006774	407.8166	.1114333	3.896057

Sample Name: I6754-14 Acquired: 12/13/2017 13:07:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096970	965.9788	1.514718	-.010630	-.006698	.2069663
Stddev	.0001984	8.3217	.011864	.001837	.000848	.0022497
%RSD	2.045872	.8614790	.7832474	17.28487	12.66814	1.086999

#1	.0098108	956.3737	1.523301	-.011706	-.006286	.2045889
#2	.0098123	971.0210	1.501180	-.008509	-.007673	.2072485
#3	.0094680	970.5416	1.519674	-.011676	-.006134	.2090617

Elem	Sr4077
Units	ppm
Avg	6.569099
Stddev	.023052
%RSD	.3509097

#1	6.543325
#2	6.587744
#3	6.576229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1183.598	1911.516	35918.02	5610.034	2074.283
Stddev	11.856	10.608	52.37	28.923	8.090
%RSD	1.001656	.5549508	.1458047	.5155577	.3900116

#1	1194.508	1920.109	35967.96	5604.694	2081.749
#2	1185.305	1914.780	35922.60	5641.254	2075.412
#3	1170.982	1899.660	35863.51	5584.152	2065.688

Sample Name: I6754-15 Acquired: 12/13/2017 13:12:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124728	-.002773	-.001020	-.001268	-.001117	.2125797
Stddev	.0036387	.002766	.001322	.005495	.002594	.0033741
%RSD	29.17317	99.74555	129.5567	433.4469	232.1865	1.587213

#1	.0163674	-.005957	.000265	-.007613	-.003774	.2101638
#2	.0118910	-.001397	-.000950	.001904	-.000986	.2111406
#3	.0091600	-.000964	-.002376	.001906	.001409	.2164348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106300	.0000372	-.000022	345.1090	.0012870	-.001657
Stddev	.0005073	.0000200	.000228	2.3501	.0003781	.000472
%RSD	4.772135	53.77187	1016.349	.6809620	29.37755	28.49842

#1	.0105188	.0000394	-.000124	346.3753	.0013591	-.001890
#2	.0101875	.0000560	.000239	346.5544	.0008780	-.001114
#3	.0111836	.0000162	-.000182	342.3974	.0016238	-.001968

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086477	.1289106	.0161052	F 1052.490	-.001021	.0006538
Stddev	.0005914	.0030346	.0000670	6.744	.000752	.0003667
%RSD	6.839061	2.354035	.4161871	.6407585	73.67764	56.08812

#1	.0081001	.1254613	.0161782	1055.343	-.000713	.0010379
#2	.0085682	.1301011	.0160911	1057.339	-.000472	.0006163
#3	.0092749	.1311695	.0160464	1044.789	-.001879	.0003074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10053.96	.0058574	.0144302	F 411.6837	.1334151	3.927183
Stddev	148.33	.0003937	.0079188	3.7735	.0021271	.017920
%RSD	1.475378	6.720509	54.87681	.9165926	1.594312	.4563147

#1	10018.83	.0062336	.0168841	414.0122	.1358115	3.941928
#2	10216.70	.0054484	.0055749	413.7090	.1326831	3.932384
#3	9926.34	.0058901	.0208317	407.3300	.1317507	3.907238

Sample Name: I6754-15 Acquired: 12/13/2017 13:12:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4ZC0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095087	974.0486	1.993341	-.008576	.0026116	.2086038
Stddev	.0003089	1.1673	.043441	.003907	.0007539	.0031491
%RSD	3.248227	.1198352	2.179288	45.55691	28.86926	1.509625

#1	.0098618	974.9123	2.008563	-.010770	.0017436	.2098433
#2	.0093756	972.7207	2.027122	-.010892	.0031036	.2109447
#3	.0092887	974.5128	1.944338	-.004065	.0029876	.2050236

Elem	Sr4077
Units	ppm
Avg	6.695845
Stddev	.041920
%RSD	.6260622

#1	6.720437
#2	6.719656
#3	6.647442

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1159.401	1876.879	35310.88	5546.904	2040.295
Stddev	5.016	8.004	108.27	39.489	5.357
%RSD	.4326017	.4264471	.3066130	.7119102	.2625613

#1	1153.692	1885.493	35186.22	5525.436	2045.965
#2	1163.100	1869.671	35381.44	5522.800	2035.318
#3	1161.410	1875.473	35364.96	5592.477	2039.604

Sample Name: PB104968BL Acquired: 12/13/2017 13:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002236	.0013074	.0000690	.0004275	-.000803	-.002963
Stddev	.000447	.0006467	.0000948	.0028203	.001117	.003423
%RSD	20.00874	49.46450	137.3801	659.6482	139.2017	115.5260

#1	-.002231	.0008024	-.000009	-.002824	-.001958	-.002836
#2	-.002686	.0020363	.000175	.002202	-.000723	.000395
#3	-.001791	.0010836	.000041	.001905	.000272	-.006447

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001226	-.000045	.0000016	.0080897	-.000063	.0001198
Stddev	.000134	.000044	.0000433	.0066735	.000506	.0001465
%RSD	10.96033	96.23831	2680.811	82.49428	801.3633	122.3010

#1	-.001186	.000003	-.000003	.0085383	-.000562	-.000014
#2	-.001117	-.000059	-.000039	.0145276	-.000077	.000098
#3	-.001376	-.000080	.000047	.0012032	.000450	.000276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032263	-.004373	-.000084	.0047415	-.000383	.0001483
Stddev	.0009735	.006631	.000341	.0118793	.000204	.0001183
%RSD	30.17300	151.6504	405.6520	250.5400	53.39831	79.76613

#1	.0021055	-.011621	.000310	.0184416	-.000172	.0001065
#2	.0037119	-.002886	-.000288	-.001518	-.000580	.0000566
#3	.0038614	.001389	-.000274	-.002700	-.000396	.0002818

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.351730	-.002750	.0001683	1.292250	.0001598	.0033175
Stddev	.011935	.000911	.0015282	.069354	.0015043	.0011698
%RSD	.8829592	33.10472	908.0400	5.366930	941.2338	35.26111

#1	1.365284	-.002533	-.000555	1.355876	.0009332	.0037748
#2	1.347114	-.001968	.001924	1.302553	-.001574	.0041897
#3	1.342792	-.003750	-.000864	1.218320	.001120	.0019882

Sample Name: PB104968BL Acquired: 12/13/2017 13:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000193	.0454400	-.000764	-.001075	.0015989	F .0123476
Stddev	.000162	.0035592	.001062	.000691	.0002887	.0007479
%RSD	83.86316	7.832731	139.0913	64.22800	18.05592	6.057371

#1	-.000141	.0492438	-.001089	-.000536	.0016490	.0130557
#2	-.000375	.0448858	-.001625	-.001854	.0018593	.0124219
#3	-.000064	.0421904	.000423	-.000835	.0012885	.0115654

Elem	Sr4077
Units	ppm
Avg	-.000052
Stddev	.000014
%RSD	27.32204

#1	-.000067
#2	-.000048
#3	-.000039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.414	2703.568	54296.50	6624.397	4231.867
Stddev	7.188	7.595	386.26	29.382	6.969
%RSD	.4287692	.2809269	.7113856	.4435390	.1646873

#1	1668.548	2698.304	54080.52	6600.883	4231.795
#2	1682.640	2712.275	54742.43	6614.974	4238.872
#3	1678.053	2700.127	54066.53	6657.334	4224.934

Sample Name: PB104968BS Acquired: 12/13/2017 13:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0239768	.0544410	.0219044	.0854500	.1309767	.4205866
Stddev	.0031246	.0010222	.0005667	.0035175	.0030771	.0055673
%RSD	13.03157	1.877586	2.587309	4.116472	2.349332	1.323703

#1	.0229062	.0548710	.0225587	.0890593	.1304098	.4230292
#2	.0274960	.0532740	.0215644	.0820321	.1342977	.4245151
#3	.0215283	.0551779	.0215902	.0852586	.1282224	.4142155

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4644238	.0106539	.0098579	11.09274	.0210690	.1002736
Stddev	.0008636	.0000665	.0000151	.02733	.0003150	.0002384
%RSD	.1859399	.6238767	.1530858	.2463645	1.495278	.2377619

#1	.4634420	.0107221	.0098696	11.06121	.0213246	.0999999
#2	.4650655	.0105893	.0098632	11.10955	.0207170	.1003852
#3	.4647638	.0106502	.0098408	11.10747	.0211654	.1004357

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584374	.2192044	.0321814	10.30729	.0809866	.0186314
Stddev	.0004748	.0097497	.0001845	.05740	.0004789	.0001355
%RSD	.8124058	4.447775	.5732049	.5568872	.5913839	.7271140

#1	.0578944	.2301878	.0323625	10.35027	.0814753	.0184792
#2	.0586440	.2158528	.0319938	10.24211	.0805180	.0187388
#3	.0587738	.2115725	.0321878	10.32949	.0809667	.0186762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.79267	.1073265	.1167961	11.15224	F .0294432	F .0252685
Stddev	.09406	.0025595	.0093401	.02425	.0003834	.0001723
%RSD	.7976378	2.384764	7.996961	.2174495	1.302088	.6818758

#1	11.85652	.1101682	.1170721	11.12792	.0292567	.0254224
#2	11.83684	.1052026	.1073211	11.17642	.0298841	.0250824
#3	11.68465	.1066086	.1259952	11.15238	.0291886	.0253008

Sample Name: PB104968BS Acquired: 12/13/2017 13:33:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) 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	.0234365	.2128830	.2231272	F .0136802	.2235313	.1228073
Stddev	.0001260	.0035743	.0010675	.0008579	.0012595	.0002374
%RSD	.5374446	1.679018	.4784427	6.271064	.5634463	.1932800

#1	.0234046	.2092567	.2229395	.0140489	.2222292	.1228389
#2	.0235754	.2164030	.2221660	.0142921	.2247433	.1230272
#3	.0233296	.2129894	.2242762	.0126996	.2236215	.1225557

Elem	Sr4077
Units	ppm
Avg	.2256179
Stddev	.0003352
%RSD	.1485829

#1	.2259987
#2	.2253673
#3	.2254877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.346	2629.199	52139.22	6557.232	3965.615
Stddev	3.602	7.952	109.32	6.467	5.387
%RSD	.2242193	.3024360	.2096655	.0986284	.1358442

#1	1602.297	2623.890	52144.44	6552.569	3962.582
#2	1607.545	2638.342	52027.38	6564.615	3971.835
#3	1609.194	2625.367	52245.83	6554.511	3962.428

Sample Name: I6755-01 Acquired: 12/13/2017 13:37:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136738	-.002868	-.005229	-.002073	-.000395	.0590175
Stddev	.0041890	.003932	.004611	.004556	.001190	.0049334
%RSD	30.63556	137.1223	88.18808	219.8319	301.1873	8.359242

#1	.0114495	-.000396	-.009912	-.002886	-.000245	.0629786
#2	.0185058	-.007402	-.005083	-.006168	.000713	.0605826
#3	.0110660	-.000805	-.000692	.002835	-.001653	.0534914

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097205	.0000285	-.000181	340.8020	.0004360	-.001637
Stddev	.0000798	.0000660	.000144	.5681	.0008926	.000154
%RSD	.8212717	231.4733	79.18481	.1666862	204.7497	9.429384

#1	.0097971	-.000011	-.000347	341.1335	.0014178	-.001651
#2	.0097268	.000105	-.000100	341.1265	-.000327	-.001477
#3	.0096378	-.000008	-.000096	340.1461	.000217	-.001784

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053831	-.053923	.0105863	F 1020.387	-.001542	.0010195
Stddev	.0011595	.010364	.0003222	.592	.000310	.0002597
%RSD	21.53975	19.22057	3.043353	.0580225	20.08145	25.47301

#1	.0060603	-.062249	.0102143	1021.067	-.001185	.0012211
#2	.0040442	-.042315	.0107723	1020.114	-.001715	.0011109
#3	.0060447	-.057206	.0107723	1019.982	-.001727	.0007264

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9917.485	.0050089	.0105290	F 403.3116	.1224432	3.899886
Stddev	25.765	.0054279	.0033244	.9523	.0032669	.013458
%RSD	.2597903	108.3658	31.57339	.2361123	2.668096	.3450855

#1	9891.947	.0109119	.0139693	402.4867	.1186992	3.898639
#2	9943.470	.0038818	.0102835	403.0943	.1247150	3.887096
#3	9917.039	.0002330	.0073342	404.3537	.1239153	3.913925

Sample Name: I6755-01 Acquired: 12/13/2017 13:37:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z83 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090394	951.3102	1.573307	-.007195	-.005917	.2067450
Stddev	.0004741	2.5793	.015008	.000917	.000130	.0011153
%RSD	5.244658	.2711360	.9538853	12.75011	2.195227	.5394714

#1	.0091943	951.7104	1.566624	-.006303	-.005992	.2058120
#2	.0094167	948.5541	1.562802	-.007146	-.005767	.2064427
#3	.0085072	953.6660	1.590495	-.008136	-.005992	.2079803

Elem	Sr4077
Units	ppm
Avg	6.541689
Stddev	.040617
%RSD	.6208976

#1	6.584072
#2	6.537891
#3	6.503104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.267	1910.871	35673.13	5497.665	2076.050
Stddev	1.172	11.102	122.88	7.293	7.710
%RSD	.0992524	.5810079	.3444486	.1326619	.3713544

#1	1180.287	1922.505	35661.04	5504.915	2082.533
#2	1180.948	1900.390	35556.75	5497.753	2067.525
#3	1182.566	1909.719	35801.60	5490.329	2078.092

Sample Name: I6755-02 Acquired: 12/13/2017 13:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061800	-.000317	-.005248	-.005141	-.001588	.0367362
Stddev	.0060907	.004876	.002313	.004606	.002236	.0070011
%RSD	98.55549	1539.807	44.07007	89.59965	140.8340	19.05778

#1	.0111647	-.004436	-.005709	-.004887	-.000068	.0286583
#2	-.000609	-.001581	-.002739	-.009869	-.000540	.0404991
#3	.007984	.005067	-.007295	-.000667	-.004156	.0410511

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095112	.0000093	-.000092	326.1088	.0005121	-.002509
Stddev	.0002835	.0000233	.000173	1.1069	.0007880	.000324
%RSD	2.980317	249.7172	187.6114	.3394390	153.9007	12.91026

#1	.0094032	.0000132	.000065	327.3540	.0004835	-.002363
#2	.0092976	.0000304	-.000064	325.7360	.0013140	-.002881
#3	.0098328	-.000016	-.000278	325.2363	-.000261	-.002285

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056573	-.084509	.0097292	F 976.4823	-.001080	.0005265
Stddev	.0020536	.007076	.0009444	2.8115	.000727	.0004343
%RSD	36.29983	8.373667	9.706488	.2879168	67.25630	82.48283

#1	.0043614	-.086087	.0087719	979.7277	-.001776	.0006004
#2	.0080251	-.076776	.0097558	974.9262	-.000326	.0000600
#3	.0045855	-.090663	.0106601	974.7928	-.001138	.0009190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9536.295	.0039582	.0145191	F 387.0095	.1117229	3.756607
Stddev	106.138	.0017222	.0076999	.5036	.0029278	.012948
%RSD	1.112988	43.50867	53.03261	.1301293	2.620597	.3446720

#1	9513.283	.0028131	.0189762	387.3732	.1085823	3.765601
#2	9652.051	.0031228	.0056281	387.2205	.1143769	3.762453
#3	9443.551	.0059387	.0189529	386.4347	.1122095	3.741767

Sample Name: I6755-02 Acquired: 12/13/2017 13:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z84 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088308	911.7454	1.497111	-.007272	-.005413	.1923367
Stddev	.0004933	4.0930	.004159	.000732	.000428	.0011101
%RSD	5.586028	.4489234	.2777935	10.06911	7.903344	.5771803

#1	.0092863	910.2154	1.501004	-.007831	-.005503	.1910629
#2	.0088991	908.6377	1.497598	-.006443	-.005789	.1928496
#3	.0083069	916.3830	1.492730	-.007543	-.004947	.1930977

Elem	Sr4077
Units	ppm
Avg	6.278198
Stddev	.061775
%RSD	.9839562

#1	6.222126
#2	6.344418
#3	6.268049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.738	1924.434	36081.43	5476.327	2101.299
Stddev	4.310	7.038	63.89	11.409	7.662
%RSD	.3595170	.3657299	.1770748	.2083293	.3646134

#1	1195.596	1927.968	36059.23	5467.109	2103.728
#2	1203.651	1929.005	36153.46	5472.785	2107.452
#3	1196.967	1916.329	36031.60	5489.086	2092.717

Sample Name: I6755-03 Acquired: 12/13/2017 13:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013369	-.000266	-.000255	.0004258	-.000065	.0309872
Stddev	.0008150	.002404	.003015	.0088410	.000670	.0063633
%RSD	60.96105	903.9199	1180.452	2076.248	1037.101	20.53540

#1	.0019240	.001933	.003199	.0106338	-.000101	.0281144
#2	.0016804	.000102	-.001605	-.004790	-.000715	.0382804
#3	.0004064	-.002832	-.002360	-.004567	.000623	.0265668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131298	-.000020	-.000080	194.5142	.0033088	-.001535
Stddev	.0001668	.000071	.000091	1.2175	.0006266	.000150
%RSD	1.270778	351.5209	112.9061	.6259375	18.93794	9.782651

#1	.0132554	.000003	-.000106	193.1418	.0037957	-.001383
#2	.0131936	-.000100	-.000156	195.4645	.0026018	-.001683
#3	.0129405	.000036	.000020	194.9362	.0035287	-.001539

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064354	.0113803	.0113988	559.0050	-.000551	.0004242
Stddev	.0016211	.0109236	.0006291	2.3813	.000208	.0003373
%RSD	25.19067	95.98615	5.518741	.4259813	37.71030	79.51299

#1	.0045999	.0152347	.0109112	556.2555	-.000697	.0000654
#2	.0070353	.0198543	.0121089	560.3620	-.000642	.0007347
#3	.0076711	-.000948	.0111764	560.3977	-.000313	.0004725

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 5292.822	.0032655	.0319294	210.0579	.0910081	2.137394
Stddev	11.919	.0019903	.0068670	.6069	.0013879	.004931
%RSD	.2251893	60.95017	21.50666	.2889131	1.524989	.2307092

#1	5280.315	.0010251	.0300022	210.5304	.0906482	2.133951
#2	5304.049	.0048295	.0395540	209.3735	.0925405	2.143043
#3	5294.102	.0039419	.0262320	210.2700	.0898357	2.135189

Sample Name: I6755-03 Acquired: 12/13/2017 13:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z92 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101958	498.1644	2.803570	-.006971	-.001119	.0960141
Stddev	.0000576	1.7225	.017244	.001393	.000633	.0011477
%RSD	.5645595	.3457776	.6150758	19.99007	56.54576	1.195333

#1	.0101505	498.2059	2.786408	-.008452	-.000433	.0947719
#2	.0102606	496.4215	2.820895	-.005686	-.001244	.0962355
#3	.0101765	499.8659	2.803406	-.006775	-.001680	.0970350

Elem	Sr4077
Units	ppm
Avg	3.637059
Stddev	.007399
%RSD	.2034461

#1	3.636148
#2	3.630157
#3	3.644871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.225	2021.403	38516.39	5767.722	2360.078
Stddev	2.673	4.302	136.32	6.581	6.807
%RSD	.2153920	.2128024	.3539265	.1141001	.2884068

#1	1240.896	2026.314	38386.90	5770.250	2367.487
#2	1244.048	2018.303	38658.64	5760.253	2354.102
#3	1238.731	2019.592	38503.62	5772.665	2358.645

Sample Name: I6755-04 Acquired: 12/13/2017 13:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067519	-.004616	-.001809	.0011813	-.000890	.0563461
Stddev	.0040351	.003026	.002669	.0087800	.001583	.0026884
%RSD	59.76197	65.56227	147.5238	743.2311	177.8300	4.771229

#1	.0055835	-.003607	.000962	-.005092	-.002718	.0533414
#2	.0112423	-.002222	-.002027	-.002579	.000060	.0585242
#3	.0034300	-.008017	-.004363	.011215	-.000013	.0571726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126809	-.000013	-.000187	238.9102	.0012356	-.001666
Stddev	.0003140	.000033	.000191	.4080	.0010029	.000247
%RSD	2.476214	260.5424	102.1691	.1707837	81.16689	14.83870

#1	.0130164	-.000036	-.000063	239.3528	.0023443	-.001878
#2	.0126321	-.000027	-.000090	238.5491	.0009706	-.001394
#3	.0123941	.000025	-.000406	238.8286	.0003918	-.001725

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080249	-.037607	.0104673	697.5672	-.001119	.0004514
Stddev	.0017288	.002913	.0003316	1.7090	.000312	.0003576
%RSD	21.54307	7.745836	3.167475	.2449997	27.89571	79.21316

#1	.0089520	-.040112	.0103940	699.4326	-.001460	.0008606
#2	.0090925	-.038298	.0101786	697.1922	-.000848	.0001993
#3	.0060303	-.034411	.0108294	696.0768	-.001048	.0002942

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6778.849	.0040630	.0275014	271.3049	.1014346	2.674035
Stddev	45.764	.0020621	.0067321	1.0225	.0036878	.003861
%RSD	.6751028	50.75402	24.47925	.3768960	3.635601	.1444070

#1	6805.695	.0048084	.0305322	271.1143	.0996787	2.678383
#2	6726.008	.0056487	.0197866	270.3911	.0989529	2.671007
#3	6804.845	.0017318	.0321854	272.4093	.1056722	2.672714

Sample Name: I6755-04 Acquired: 12/13/2017 13:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z93 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083888	638.5795	2.433640	-.010718	-.002641	.1254254
Stddev	.0009679	1.6496	.003826	.000487	.001138	.0018047
%RSD	11.53805	.2583259	.1572287	4.547561	43.07489	1.438867

#1	.0084532	640.1180	2.438044	-.010818	-.001579	.1251040
#2	.0073904	636.8376	2.431746	-.011147	-.003842	.1238030
#3	.0093230	638.7829	2.431129	-.010188	-.002502	.1273692

Elem	Sr4077
Units	ppm
Avg	4.491731
Stddev	.020735
%RSD	.4616180

#1	4.470528
#2	4.492703
#3	4.511963

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.880	1976.861	37423.24	5648.340	2249.185
Stddev	17.054	2.572	58.95	23.054	3.455
%RSD	1.410750	.1301137	.1575276	.4081481	.1536304

#1	1190.745	1974.935	37364.08	5623.052	2248.066
#2	1211.299	1979.782	37423.68	5668.186	2253.062
#3	1224.595	1975.865	37481.98	5653.781	2246.428

Sample Name: I6755-05 Acquired: 12/13/2017 13:54:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021862	-.001664	-.003635	-.009589	-.001656	.0368274
Stddev	.0074847	.002741	.000542	.007028	.000897	.0022235
%RSD	342.3612	164.7113	14.92257	73.29731	54.15303	6.037699

#1	.0070851	-.000364	-.004248	-.005388	-.000681	.0379827
#2	.0059028	.000185	-.003442	-.005676	-.001843	.0342641
#3	-.006429	-.004814	-.003216	-.017703	-.002444	.0382355

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136445	.0000270	-.000198	316.2434	.0015867	-.001844
Stddev	.0003692	.0001653	.000186	1.4762	.0005322	.000187
%RSD	2.705510	613.3648	93.77257	.4667904	33.54301	10.12990

#1	.0138926	.0001118	.000008	314.9763	.0012118	-.001637
#2	.0138205	.0001326	-.000250	315.8895	.0021959	-.002000
#3	.0132202	-.000164	-.000353	317.8643	.0013524	-.001895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044539	-.063739	.0109678	F 936.1337	-.001006	.0006599
Stddev	.0002873	.015187	.0009887	4.3765	.000474	.0000575
%RSD	6.449630	23.82689	9.014439	.4675103	47.10753	8.717299

#1	.0042956	-.047668	.0113402	933.5576	-.000660	.0007260
#2	.0042807	-.065697	.0117162	933.6565	-.000812	.0006207
#3	.0047855	-.077852	.0098470	941.1869	-.001546	.0006331

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 9287.623	.0023919	.0152949	F 376.1554	.0284865	3.634234
Stddev	29.217	.0026488	.0031995	.7395	.0015376	.029689
%RSD	.3145789	110.7379	20.91851	.1965824	5.397717	.8169308

#1	9257.056	-.000004	.0183011	375.4457	.0284624	3.620676
#2	9315.271	.001943	.0156514	376.0993	.0269611	3.613745
#3	9290.542	.005236	.0119321	376.9214	.0300361	3.668282

Sample Name: I6755-05 Acquired: 12/13/2017 13:54:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4Z94 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110454	884.1404	.4572082	-.009931	-.005257	.1799929
Stddev	.0007042	1.6899	.0017630	.002768	.000592	.0013054
%RSD	6.375532	.1911386	.3855902	27.87603	11.25986	.7252667

#1	.0116326	882.8098	.4553774	-.011917	-.005324	.1786700
#2	.0112389	886.0418	.4588943	-.006769	-.005813	.1800287
#3	.0102647	883.5695	.4573530	-.011107	-.004635	.1812801

Elem	Sr4077
Units	ppm
Avg	6.058204
Stddev	.041176
%RSD	.6796816

#1	6.050150
#2	6.021650
#3	6.102813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1192.175	1926.732	36407.72	5467.266	2105.209
Stddev	7.015	2.878	73.33	23.205	2.421
%RSD	.5884228	.1493753	.2014221	.4244389	.1150040

#1	1191.773	1926.931	36397.49	5483.136	2107.519
#2	1185.369	1923.759	36340.05	5478.027	2105.418
#3	1199.382	1929.505	36485.64	5440.633	2102.691

Sample Name: CCV033 Acquired: 12/13/2017 14:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV12245 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.328482	4.740205	24.39569	5.312024	5.278367	411.8965
Stddev	.019894	.026550	.01732	.010227	.011888	.8408
%RSD	.3733572	.5600939	.0710120	.1925290	.2252271	.2041333

#1	5.339062	4.738769	24.40131	5.322029	5.291519	410.9298
#2	5.305534	4.714402	24.37625	5.301588	5.268385	412.4585
#3	5.340852	4.767443	24.40951	5.312455	5.275199	412.3010

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86149	.4751593	2.394121	409.5624	14.10953	2.508726
Stddev	.02794	.0042461	.001352	.3566	.05427	.005112
%RSD	.2572456	.8936156	.0564876	.0870714	.3846230	.2037655

#1	10.89193	.4705117	2.394541	409.8553	14.05326	2.514448
#2	10.83701	.4761306	2.392608	409.6667	14.11379	2.504608
#3	10.85552	.4788356	2.395213	409.1653	14.16154	2.507123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41747	383.1097	13.76072	391.5292	2.413012	F 1.556311
Stddev	.01588	.5644	.02280	.4198	.002075	.003512
%RSD	.1029956	.1473264	.1657166	.1072287	.0860124	.2256317

#1	15.40003	383.2757	13.78704	391.5951	2.413660	1.560282
#2	15.42128	383.5725	13.74704	391.0804	2.410690	1.553617
#3	15.43110	382.4809	13.74807	391.9123	2.414686	1.555034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	435.4403	2.384147	14.92734	159.9040	5.230753	4.929062
Stddev	.3874	.006009	.22303	.1242	.028452	.028175
%RSD	.0889614	.2520571	1.494085	.0776757	.5439413	.5716052

#1	435.7581	2.377241	15.16033	159.8019	5.240751	4.897467
#2	435.5539	2.388192	14.90586	159.8679	5.198652	4.938143
#3	435.0088	2.387006	14.71583	160.0423	5.252858	4.951577

Sample Name: CCV033 Acquired: 12/13/2017 14:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV12245 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.095434	5.187131	4.820439	4.791127	5.064504	5.877437
Stddev	.012656	.008484	.032999	.004325	.005541	.005393
%RSD	.2483780	.1635513	.6845743	.0902606	.1094088	.0917650

#1	5.103592	5.196813	4.790787	4.788961	5.061999	5.883413
#2	5.080855	5.183579	4.814539	4.788313	5.070855	5.875967
#3	5.101857	5.181000	4.855990	4.796106	5.060658	5.872931

Elem	Sr4077
Units	ppm
Avg	5.197710
Stddev	.025239
%RSD	.4855837

#1	5.223096
#2	5.172620
#3	5.197413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.482	2173.479	44822.96	6160.432	2695.714
Stddev	18.573	5.866	383.59	14.259	1.900
%RSD	1.401208	.2699070	.8558002	.2314641	.0704656

#1	1304.262	2169.018	44380.82	6151.295	2695.577
#2	1333.403	2180.124	45021.05	6176.862	2697.679
#3	1338.781	2171.295	45067.00	6153.137	2693.887

Sample Name: CCB033 Acquired: 12/13/2017 14:12:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB033 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009432	.0004874	-.000114	.0017384	-.001647	.0020173	-.001175
Stddev	.0020710	.0011469	.001812	.0015127	.000889	.0021390	.000249
%RSD	219.5726	235.3308	1584.254	87.01884	53.95802	106.0336	21.18598

#1	.0005732	.0004115	.001758	.0002404	-.001571	-.000326	-.000973
#2	-.000918	-.000620	-.001859	.0032654	-.000799	.002514	-.001453
#3	.003174	.001670	-.000242	.0017094	-.002571	.003865	-.001099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000019	.0241380	-.000111	.0002473	.0051604	.0038079
Stddev	.000067	.000076	.0099595	.000252	.0002200	.0013753	.0064989
%RSD	303.9049	405.3205	41.26081	226.4136	88.95576	26.65191	170.6707

#1	.000049	-.000088	.0340892	-.000332	.0001833	.0062424	.0109498
#2	-.000032	-.000031	.0241547	.000163	.0000664	.0056261	-.001758
#3	-.000083	.000062	.0141701	-.000164	.0004922	.0036126	.002232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002011	-.004178	-.000136	.0003029	.6255165	.0017009	.0007528
Stddev	.0004968	.031285	.000279	.0002132	.0166308	.0005633	.0050708
%RSD	247.0174	748.8088	205.2294	70.37993	2.658738	33.11726	673.5584

#1	.0004384	.029179	-.000086	.0003722	.6289642	.0016102	.0049896
#2	-.000370	-.032866	-.000437	.0004727	.6401533	.0023040	.0021345
#3	.000535	-.008847	.000115	.0000637	.6074320	.0011885	-.004866

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3252436	.0020733	.0035938	.0002726	.0129151	-.001064	-.000512
Stddev	.0329294	.0019630	.0007715	.0002816	.0054858	.000556	.000961
%RSD	10.12454	94.67830	21.46893	103.3148	42.47594	52.22723	187.7437

#1	.3604370	.0016001	.0044800	.0005715	.0190653	-.000580	-.000499
#2	.2951803	.0042296	.0032295	.0002341	.0111536	-.000942	-.001479
#3	.3201134	.0003902	.0030718	.0000122	.0085264	-.001670	.000443

Sample Name: CCB033 Acquired: 12/13/2017 14:12:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v361) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB033 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020969	.0026693	.0000919
Stddev	.0008958	.0011481	.0000218
%RSD	42.71898	43.01179	23.65130

#1	.0011173	.0023930	.0000806
#2	.0022992	.0039303	.0000782
#3	.0028742	.0016845	.0001170

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1639.387	2689.421	53950.84	6634.148	4246.372
Stddev	9.620	2.906	144.20	6.802	4.670
%RSD	.5868272	.1080403	.2672786	.1025328	.1099664

#1	1635.078	2692.371	53795.56	6629.984	4242.740
#2	1632.675	2686.562	53976.41	6641.997	4244.737
#3	1650.409	2689.331	54080.54	6630.462	4251.640