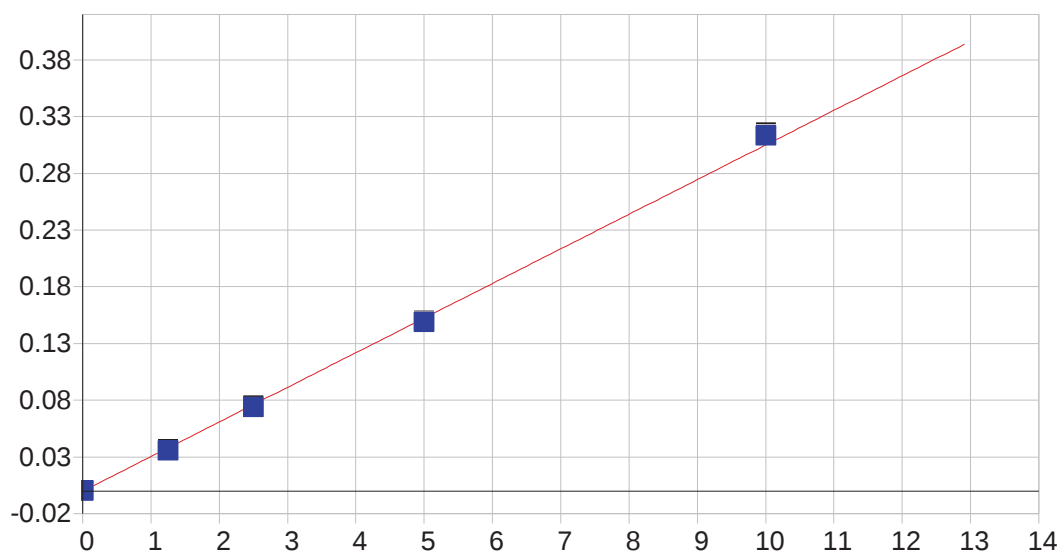




As 189.042 {479}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000192

Re-Slope: 1.000000

A1 (Gain): 0.030513

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999570

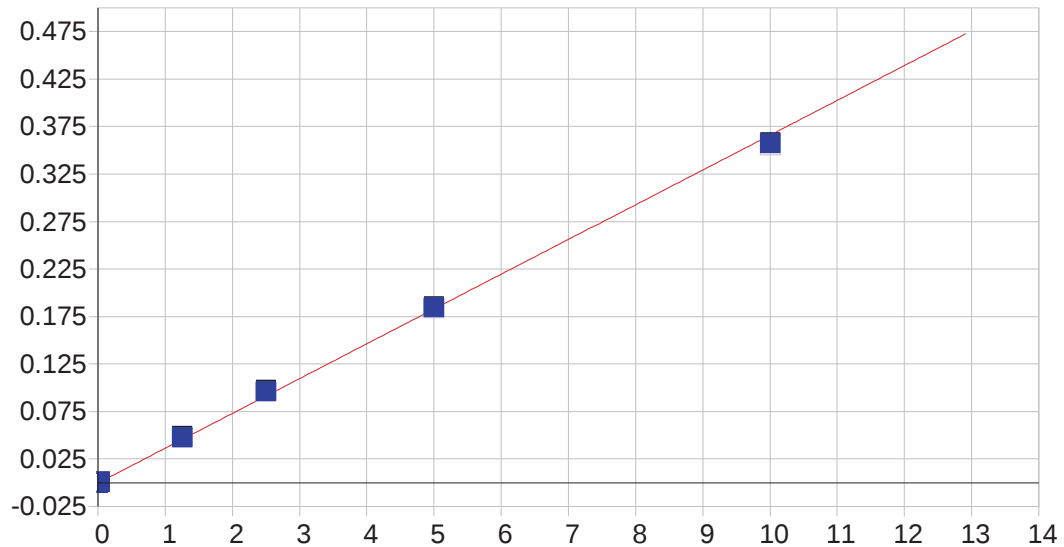
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.004020

Predicted MQL: 0.013400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01102	.001	10.2	.00014	.000	1
S2	1.2500	1.1774	-.073	-5.81	.03583	.001	1
S3	2.5000	2.4207	-.079	-3.17	.07385	.001	1
S4	5.0000	4.8885	-.112	-2.23	.14933	.000	1
S5	10.000	10.262	.262	2.62	.31366	.002	1



TI 190.856 {477}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000181

Re-Slope: 1.000000

A1 (Gain): 0.036616

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999582

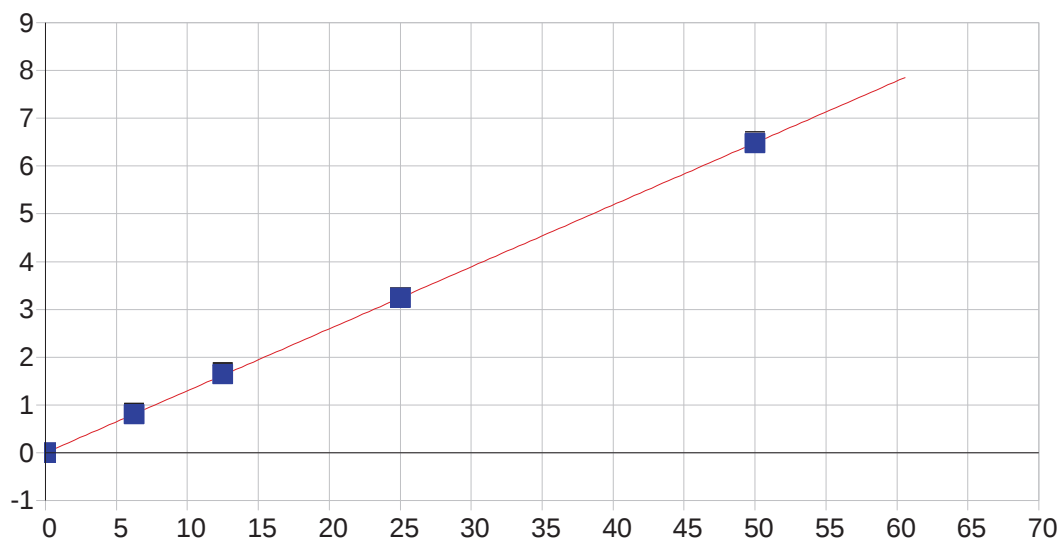
Status: OK.

Std Error of Est: 0.000028

Predicted MDL: 0.002482

Predicted MQL: 0.008272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02500	.02562	.001	2.46	.00074	.000	1
S2	1.2500	1.3074	.057	4.60	.04742	.001	1
S3	2.5000	2.6331	.133	5.32	.09568	.001	1
S4	5.0000	5.0420	.042	.841	.18333	.001	1
S5	10.000	9.7668	-.233	-2.33	.35523	.000	1



Pb 220.353 {453}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000199

Re-Slope: 1.000000

A1 (Gain): 0.129663

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

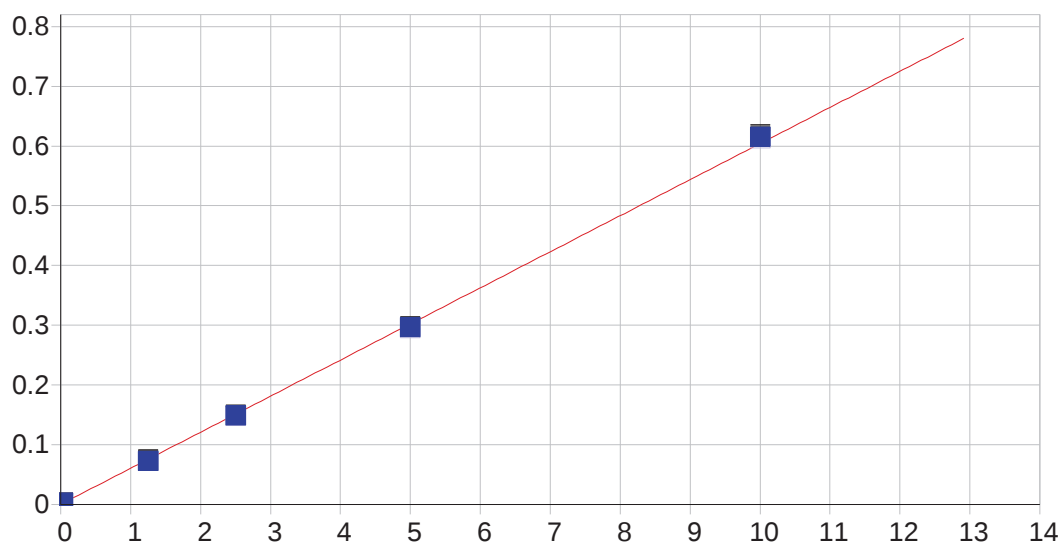
Status: OK.

Std Error of Est: 0.000025

Predicted MDL: 0.001718

Predicted MQL: 0.005727

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.00918	-.001	-8.24	.00100	.000	1
S2	6.2500	6.2077	-.042	-.677	.80598	.017	1
S3	12.500	12.657	.157	1.26	1.6435	.028	1
S4	25.000	24.965	-.035	-.141	3.2419	.006	1
S5	50.000	49.921	-.079	-.158	6.4828	.023	1

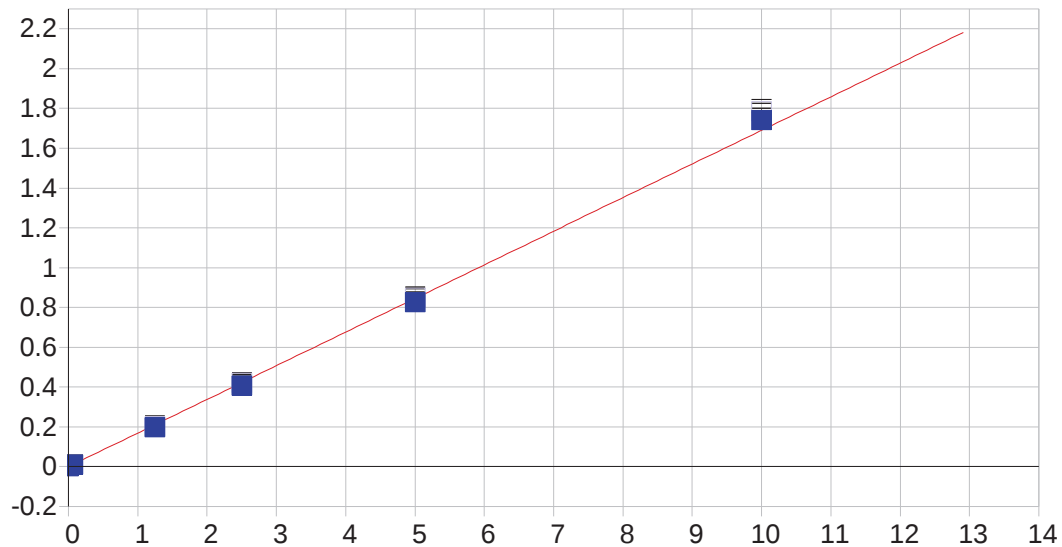


Se 196.090 {472}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.060395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.003124
 Predicted MQL: 0.010414

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.03500	.03660	.002	4.57	.00248	.000	1
S2	1.2500	1.2021	-.048	-3.83	.07251	.002	1
S3	2.5000	2.4570	-.043	-1.72	.14795	.001	1
S4	5.0000	4.9042	-.096	-1.92	.29504	.001	1
S5	10.000	10.185	.185	1.85	.61256	.003	1

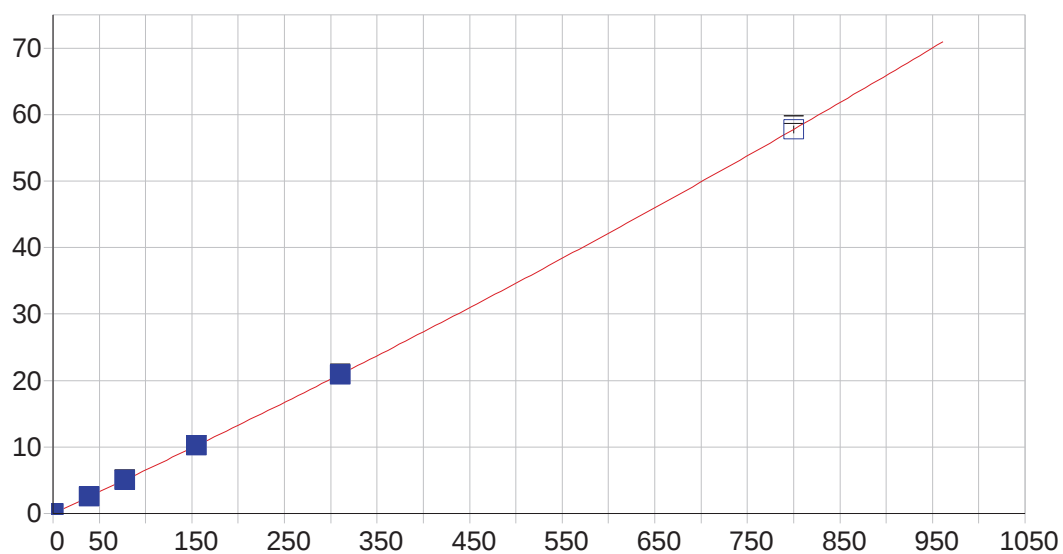


Sb 206.833 {463}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.168975 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999483 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.001456
 Predicted MQL: 0.004854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00027	.000	1
S1	.06000	.05845	-.002	-2.58	.01015	.000	1
S2	1.2500	1.1636	-.086	-6.91	.20265	.004	1
S3	2.5000	2.4110	-.089	-3.56	.41917	.005	1
S4	5.0000	4.8831	-.117	-2.34	.84841	.003	1
S5	10.000	10.294	.294	2.94	1.7857	.010	1



AI 396.152 { 85}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000614

Re-Slope: 1.000000

A1 (Gain): 0.064378

Y-int: 0.000000

A2 (Curvature): 0.000010

n (Exponent): 1.000000

Correlation: 0.999999

Status: Warning

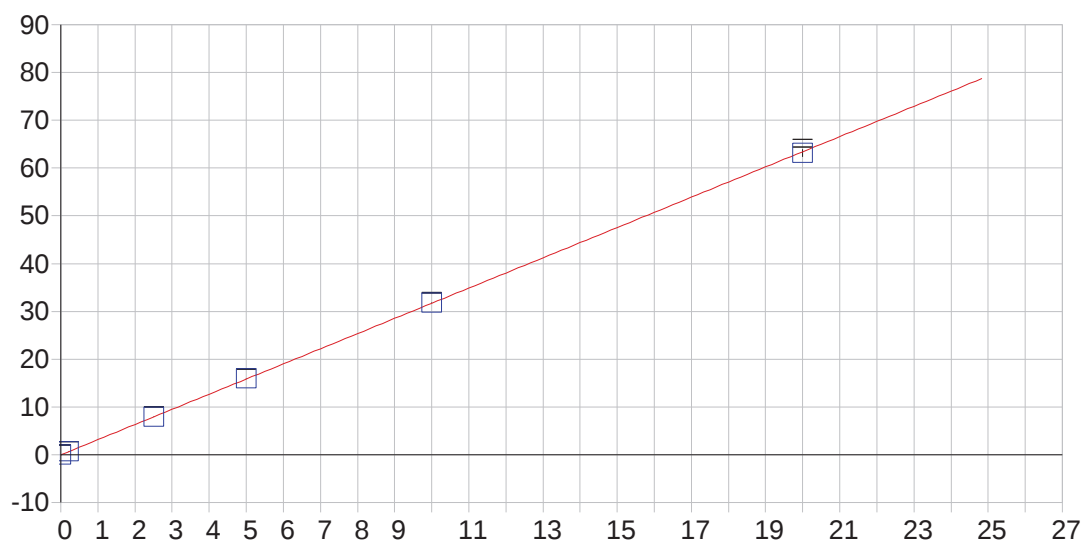
Positive Curvature

Std Error of Est: 0.000059

Predicted MDL: 0.009244

Predicted MQL: 0.030814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00061	.001	1
S1	.20000	.21140	.011	5.70	.01424	.000	1
S2	38.750	38.883	.133	.344	2.5210	.008	1
S3	77.500	77.206	-.294	-.379	5.0341	.035	1
S4	155.00	155.11	.108	.070	10.231	.008	1
S5	310.00	310.06	.060	.019	20.922	.071	1
S6	800.00	799.98	-.020	-.003	57.773	.594	1



Ba 493.409 { 68}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.025109

Re-Slope: 1.000000

A1 (Gain): 3.171662

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

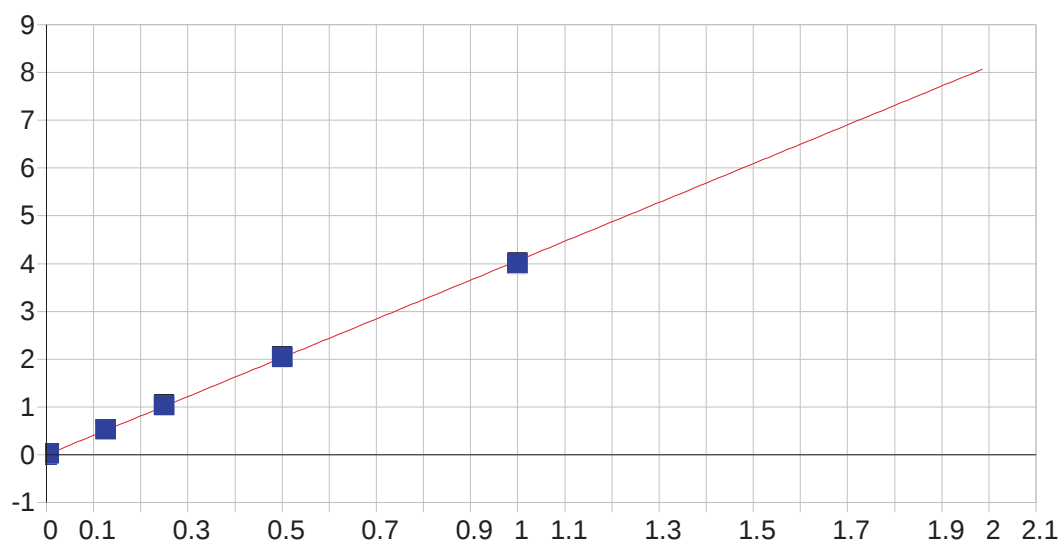
Status: OK.

Std Error of Est: 0.001889

Predicted MDL: 0.000608

Predicted MQL: 0.002025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.02514	.001	1
S1	.20000	.20937	.009	4.69	.63895	.002	1
S2	2.5000	2.5163	.016	.650	7.9556	.016	1
S3	5.0000	5.0199	.020	.399	15.896	.075	1
S4	10.000	10.042	.042	.420	31.825	.043	1
S5	20.000	19.912	-.088	-.438	63.131	.806	1



Be 234.861 {144}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001286

Re-Slope: 1.000000

A1 (Gain): 4.061913

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999859

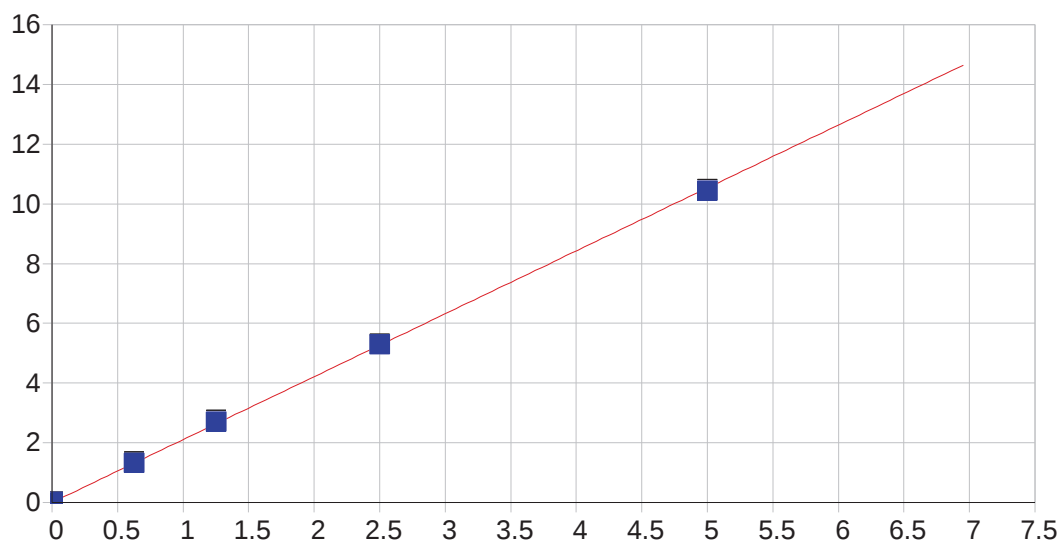
Status: OK.

Std Error of Est: 0.000255

Predicted MDL: 0.000071

Predicted MQL: 0.000237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00129	.000	1
S1	.00500	.00530	.000	5.94	.02021	.000	1
S2	.12500	.13031	.005	4.24	.52579	.002	1
S3	.25000	.25446	.004	1.78	1.0278	.012	1
S4	.50000	.50337	.003	.674	2.0345	.012	1
S5	1.0000	.98657	-.013	-1.34	3.9883	.007	1



Cd 214.438 {457}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000325

Re-Slope: 1.000000

A1 (Gain): 2.106581

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999918

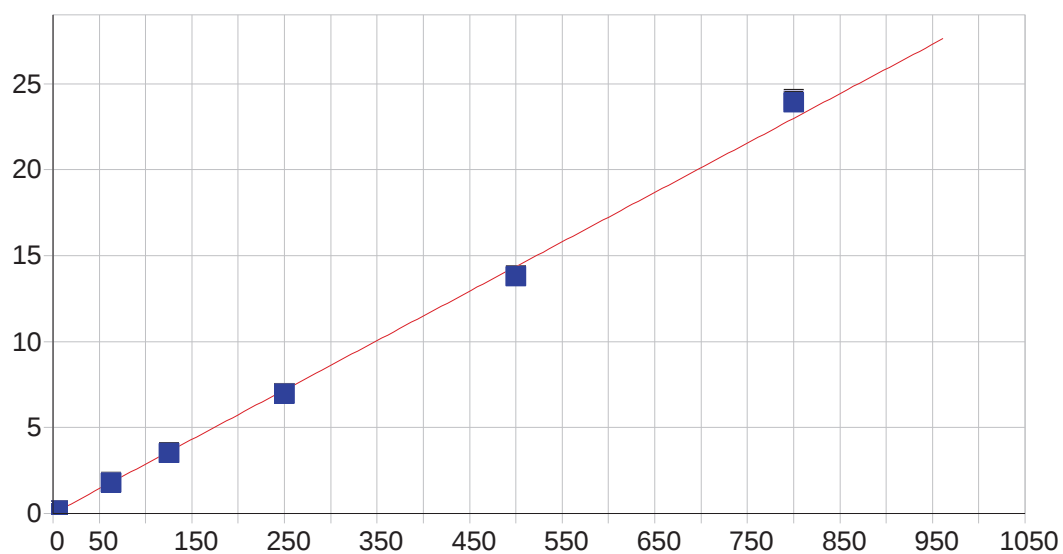
Status: OK.

Std Error of Est: 0.000226

Predicted MDL: 0.000083

Predicted MQL: 0.000276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.00500	.00519	.000	3.89	.01127	.000	1
S2	.62500	.63024	.005	.839	1.3307	.028	1
S3	1.2500	1.2851	.035	2.81	2.7129	.049	1
S4	2.5000	2.5082	.008	.329	5.2949	.010	1
S5	5.0000	4.9513	-.049	-.975	10.452	.042	1



Ca 373.690 { 90}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001033

Re-Slope: 1.000000

A1 (Gain): 0.028738

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999305

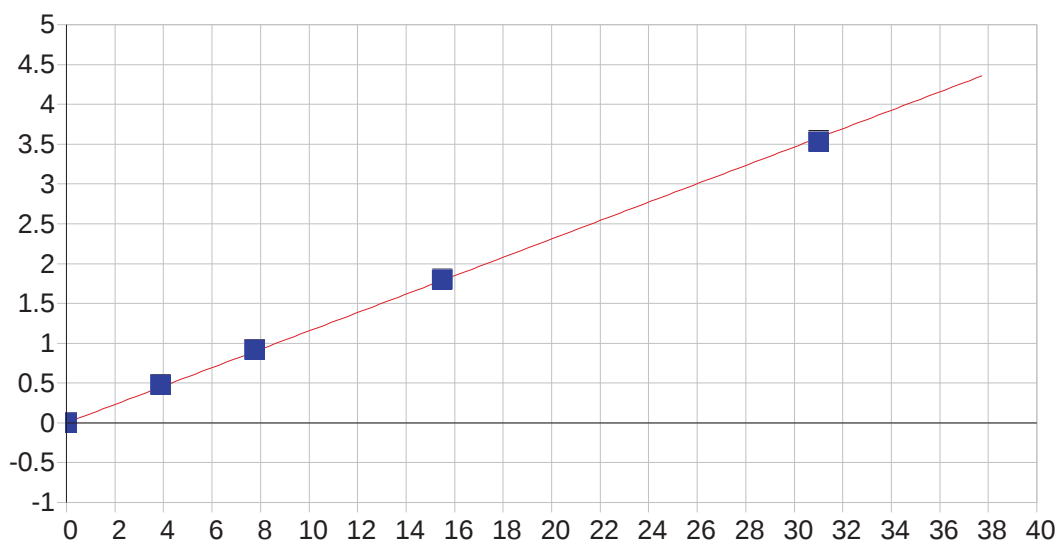
Status: OK.

Std Error of Est: 0.003759

Predicted MDL: 0.014494

Predicted MQL: 0.048313

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00103	.000	1
S1	5.0000	5.3424	.342	6.85	.15458	.001	1
S2	62.500	62.252	-.248	-.397	1.7964	.009	1
S3	125.00	121.93	-3.07	-2.45	3.5179	.015	1
S4	250.00	241.67	-8.33	-3.33	6.9717	.019	1
S5	500.00	479.68	-20.3	-4.06	13.837	.027	1
S6	800.00	831.55	31.5	3.94	24.034	.071	1

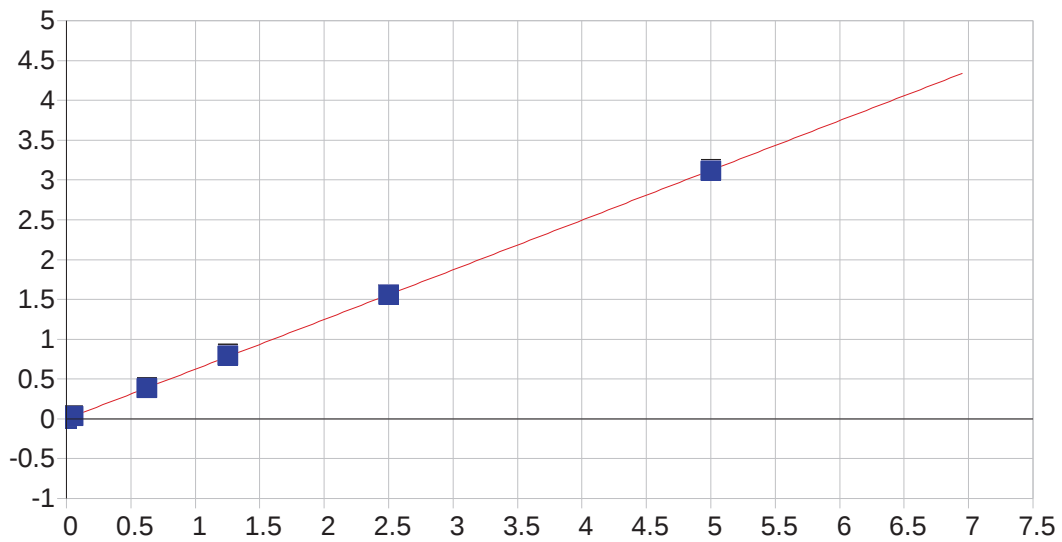


Cr 267.716 {126}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.115457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.000449
 Predicted MQL: 0.001497

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01147	.001	14.7	.00130	.000	1
S2	3.8750	4.1049	.230	5.93	.47471	.000	1
S3	7.7500	7.9131	.163	2.10	.91518	.001	1
S4	15.500	15.588	.088	.569	1.8029	.003	1
S5	31.000	30.517	-.483	-1.56	3.5297	.016	1

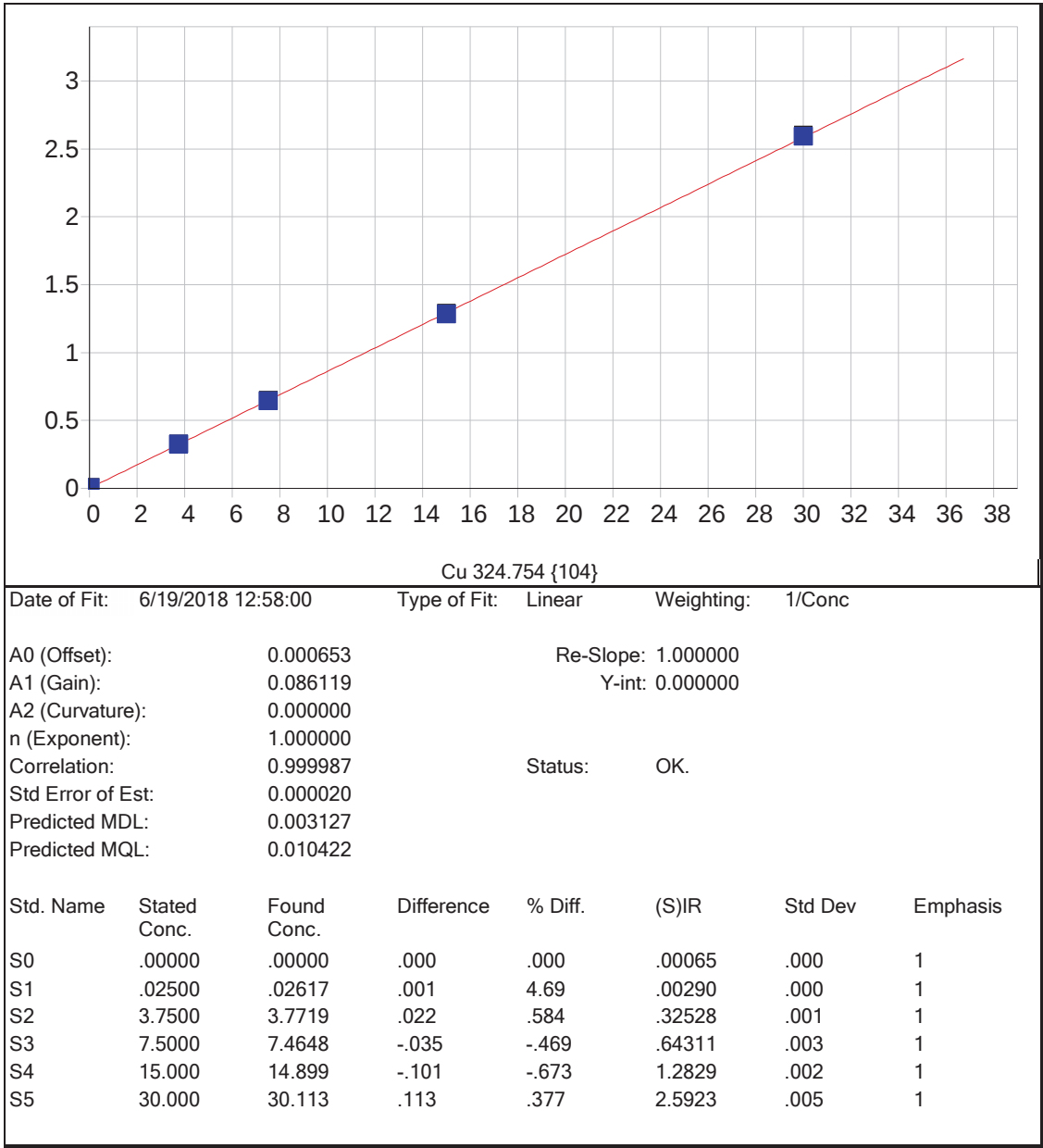


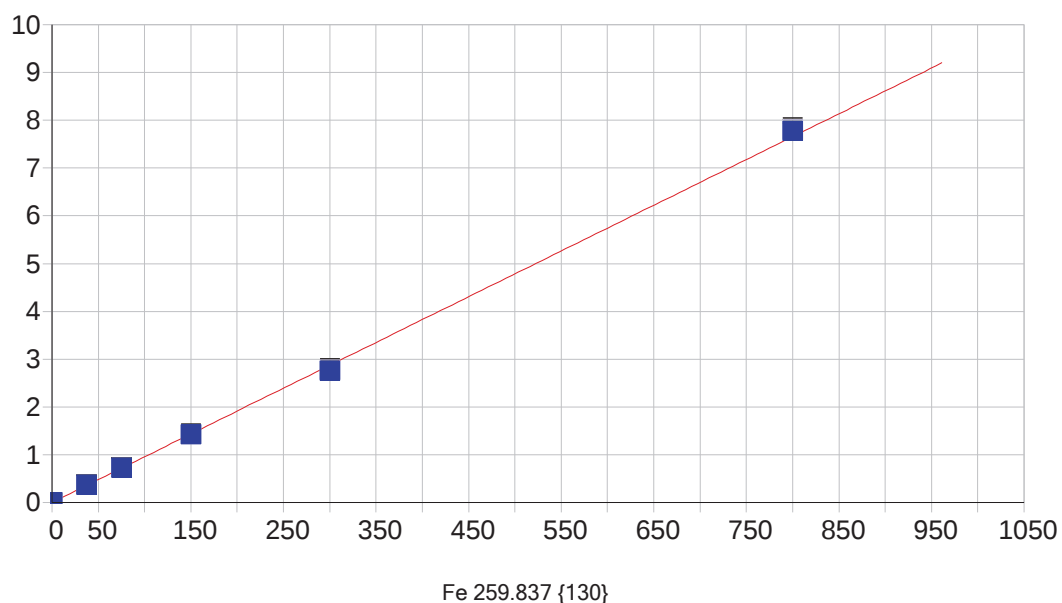
Co 228.616 {448}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.624049 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.000270
 Predicted MQL: 0.000900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.05000	.04959	.000	-.827	.03098	.000	1
S2	.62500	.61789	-.007	-1.14	.38629	.008	1
S3	1.2500	1.2709	.021	1.67	.79456	.016	1
S4	2.5000	2.4956	-.004	-.175	1.5604	.003	1
S5	5.0000	4.9910	-.009	-.180	3.1207	.013	1





Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000222

Re-Slope: 1.000000

A1 (Gain): 0.009570

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999749

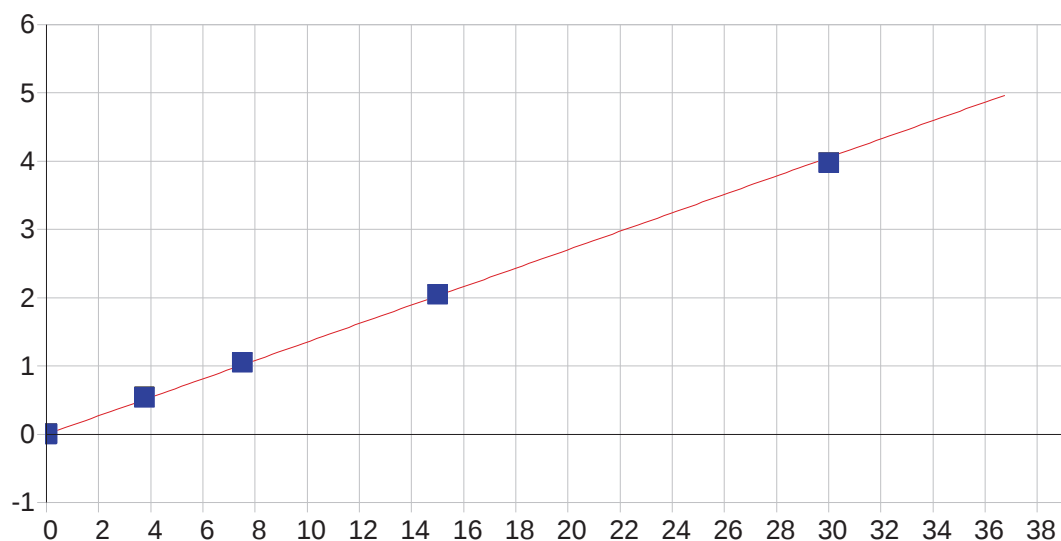
Status: OK.

Std Error of Est: 0.000094

Predicted MDL: 0.014619

Predicted MQL: 0.048731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.10000	.10181	.002	1.81	.00122	.000	1
S2	37.500	38.555	1.06	2.81	.37111	.001	1
S3	75.000	75.655	.655	.873	.72807	.006	1
S4	150.00	148.47	-1.53	-1.02	1.4287	.006	1
S5	300.00	288.15	-11.9	-3.95	2.7731	.025	1
S6	800.00	811.68	11.7	1.46	7.8027	.042	1



Mn 257.610 {131}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000065

Re-Slope: 1.000000

A1 (Gain): 0.135146

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999693

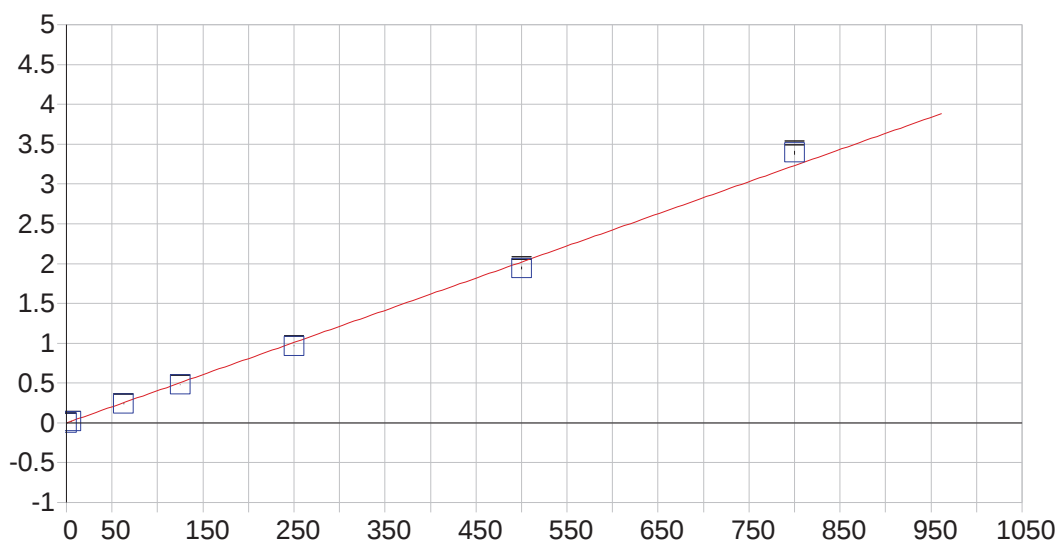
Status: OK.

Std Error of Est: 0.000119

Predicted MDL: 0.000939

Predicted MQL: 0.003130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01774	.003	18.3	.00233	.000	1
S2	3.7500	3.9756	.226	6.02	.53734	.002	1
S3	7.5000	7.7412	.241	3.22	1.0464	.005	1
S4	15.000	15.124	.124	.829	2.0444	.003	1
S5	30.000	29.406	-.594	-1.98	3.9750	.006	1

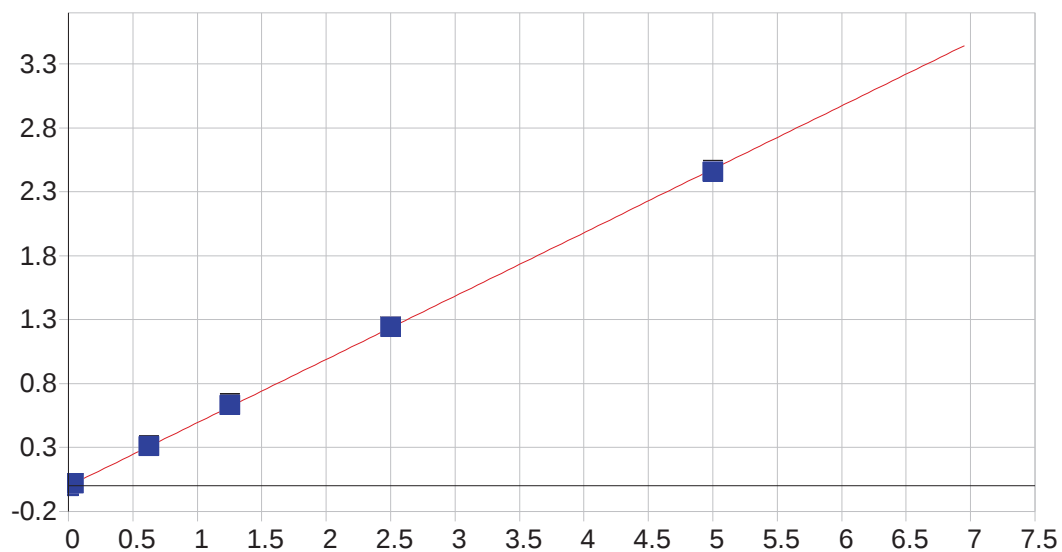


Mg 279.079 {121}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.004039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998944 Status: OK.
 Std Error of Est: 0.000648
 Predicted MDL: 0.041867
 Predicted MQL: 0.139555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00083	.001	.000	-.00020	.000	1
S1	5.0000	4.8645	-.136	-2.71	.01944	.000	1
S2	62.500	59.132	-3.37	-5.39	.23864	.001	1
S3	125.00	118.42	-6.58	-5.26	.47811	.004	1
S4	250.00	239.06	-10.9	-4.38	.96539	.003	1
S5	500.00	481.28	-18.7	-3.74	1.9437	.018	1
S6	800.00	839.74	39.7	4.97	3.3916	.022	1

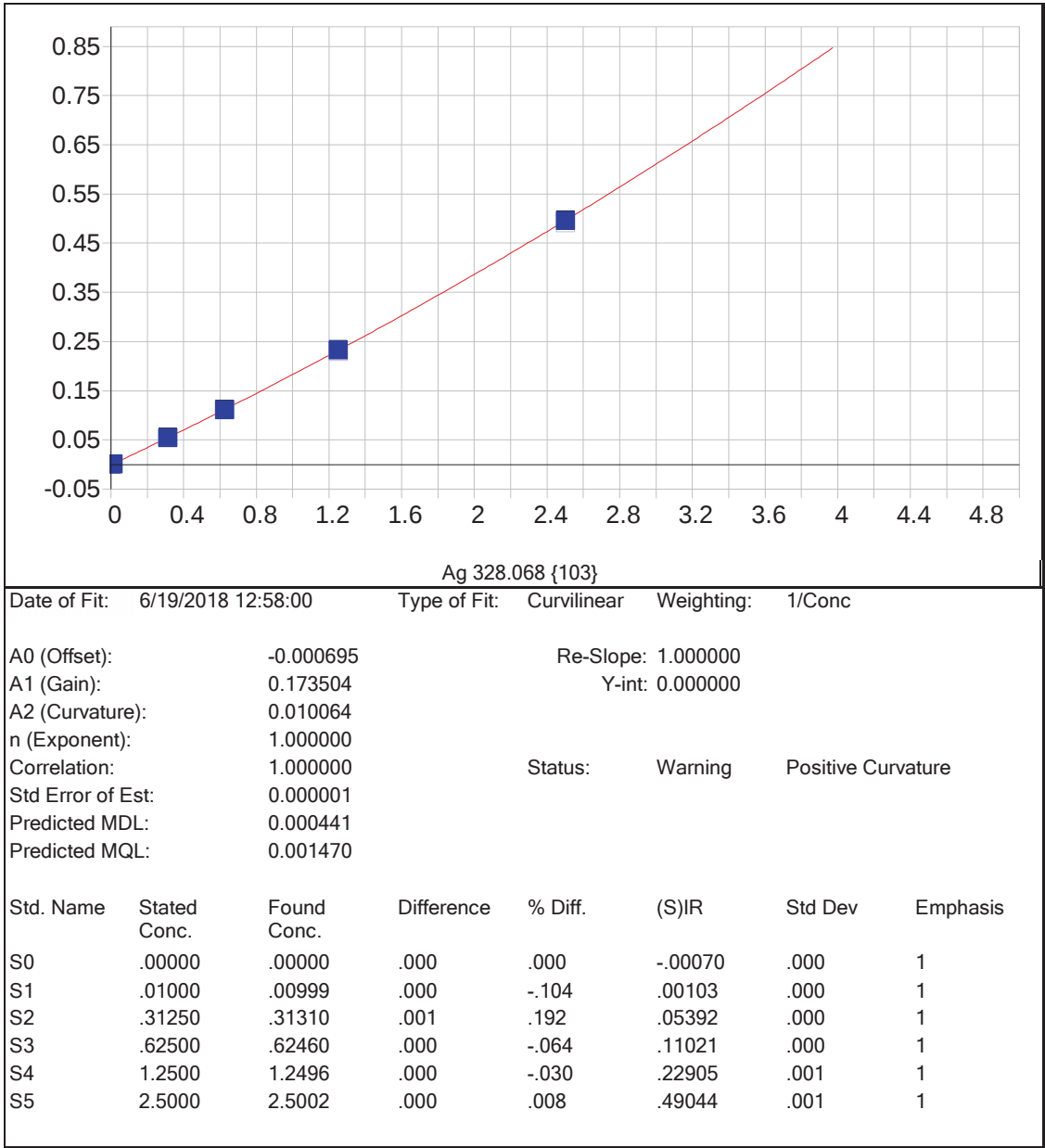


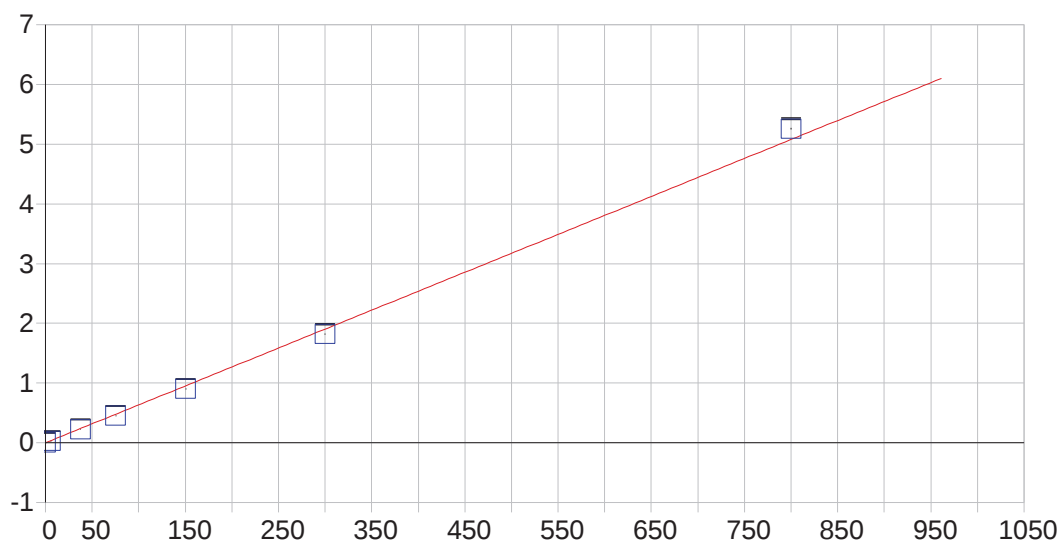
Ni 231.604 {446}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001213 Re-Slope: 1.000000
 A1 (Gain): 0.495548 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.000397
 Predicted MQL: 0.001322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.04000	.04222	.002	5.54	.01972	.000	1
S2	.62500	.62752	.003	.403	.31039	.006	1
S3	1.2500	1.2777	.028	2.22	.63324	.011	1
S4	2.5000	2.5114	.011	.455	1.2458	.002	1
S5	5.0000	4.9562	-.044	-.877	2.4599	.008	1





Na 818.326 { 41}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000183

Re-Slope: 1.000000

A1 (Gain): 0.006346

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999109

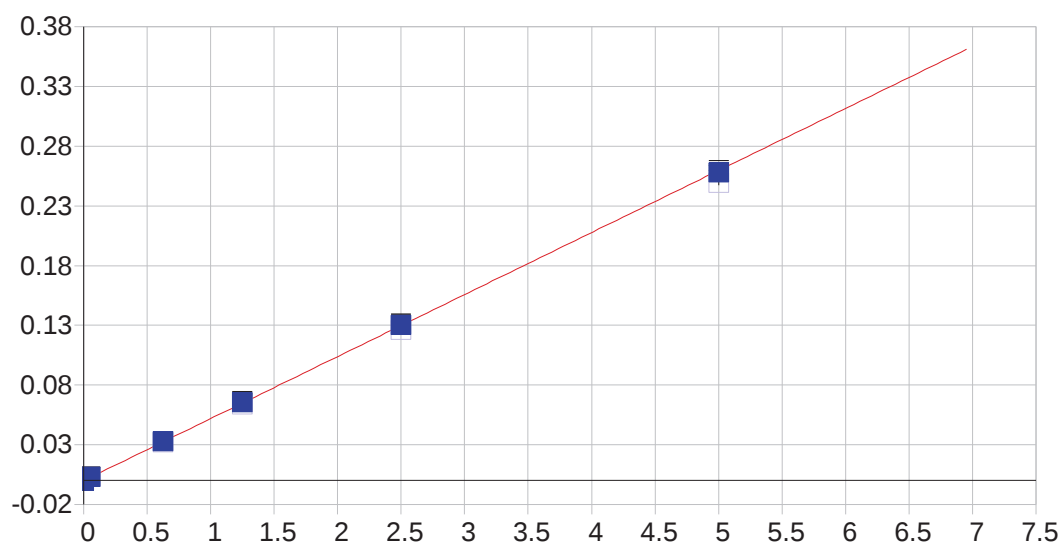
Status: OK.

Std Error of Est: 0.000829

Predicted MDL: 0.197678

Predicted MQL: 0.658928

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00091	.001	.000	-.00018	.000	1
S1	5.0000	4.9723	-.028	-.554	.03137	.001	1
S2	37.500	35.492	-2.01	-5.35	.22506	.002	1
S3	75.000	70.635	-4.36	-5.82	.44808	.001	1
S4	150.00	141.71	-8.29	-5.53	.89911	.000	1
S5	300.00	286.39	-13.6	-4.54	1.8173	.007	1
S6	800.00	828.30	28.3	3.54	5.2564	.013	1



V 292.402 {115}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000060

Re-Slope: 1.000000

A1 (Gain): 0.051931

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999946

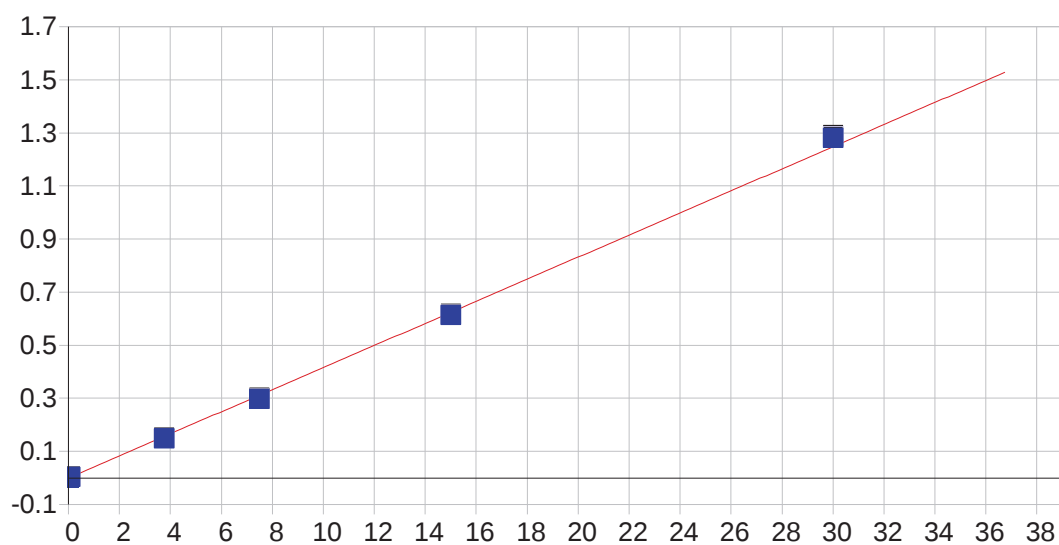
Status: OK.

Std Error of Est: 0.000014

Predicted MDL: 0.004017

Predicted MQL: 0.013391

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00006	.000	1
S1	.05000	.05454	.005	9.09	.00277	.000	1
S2	.62500	.63374	.009	1.40	.03178	.000	1
S3	1.2500	1.2628	.013	1.03	.06338	.001	1
S4	2.5000	2.5095	.010	.381	.12598	.001	1
S5	5.0000	4.9642	-.036	-.716	.24917	.002	1



Zn 213.856 {158}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000177

Re-Slope: 1.000000

A1 (Gain): 0.041603

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999547

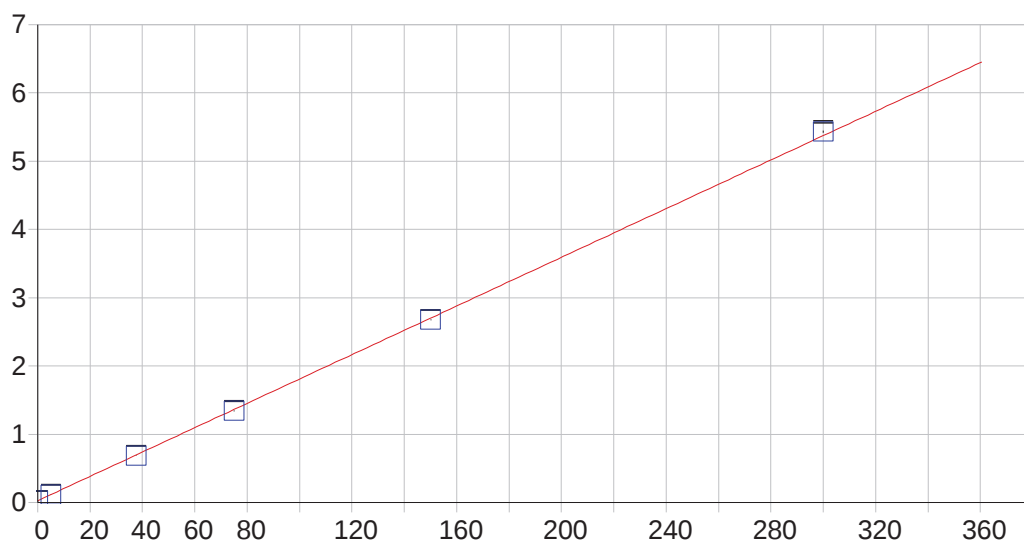
Status: OK.

Std Error of Est: 0.000090

Predicted MDL: 0.008531

Predicted MQL: 0.028436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.06000	.06359	.004	5.98	.00248	.000	1
S2	3.7500	3.5739	-.176	-4.70	.14924	.002	1
S3	7.5000	7.1519	-.348	-4.64	.29883	.002	1
S4	15.000	14.717	-.283	-1.89	.61502	.002	1
S5	30.000	30.804	.804	2.68	1.2872	.003	1



K 769.896 { 44}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.026702

Re-Slope: 1.000000

A1 (Gain): 0.017826

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999929

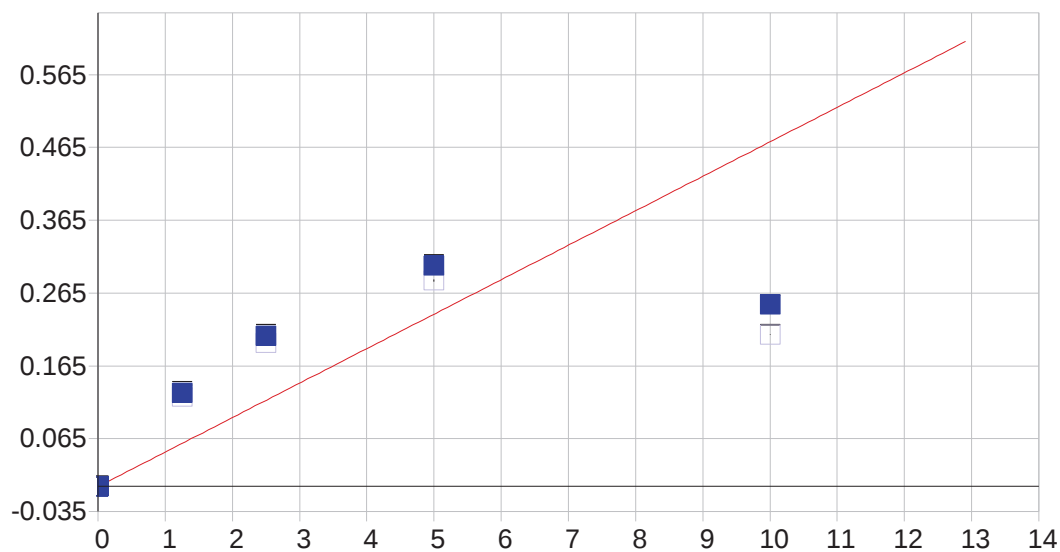
Status: OK.

Std Error of Est: 0.000439

Predicted MDL: 0.055677

Predicted MQL: 0.185590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	.02671	.001	1
S1	5.0000	4.9668	-.033	-.664	.11524	.001	1
S2	37.500	36.980	-.520	-1.39	.68591	.002	1
S3	75.000	73.576	-1.42	-1.90	1.3383	.008	1
S4	150.00	148.72	-1.28	-.855	2.6777	.001	1
S5	300.00	303.26	3.26	1.09	5.4326	.017	1

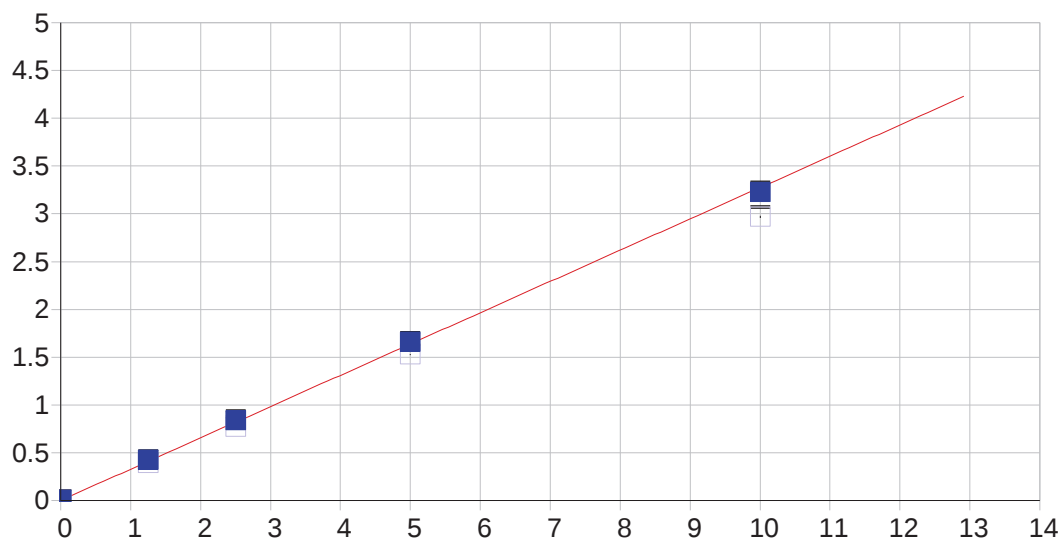


P 177.495 {490}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000748 Re-Slope: 1.000000
 A1 (Gain): 0.047359 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.855486 Status: OK.
 Std Error of Est: 0.000439
 Predicted MDL: 0.001503
 Predicted MQL: 0.005010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00075	.000	1
S1	.01000	.00436	-.006	-56.4	-.00057	.000	1
S2	1.2500	2.7094	1.46	117.	.12246	.002	1
S3	2.5000	4.3700	1.87	74.8	.19600	.002	1
S4	5.0000	6.4067	1.41	28.1	.28224	.001	1
S5	10.000	5.2698	-4.73	-47.3	.20798	.000	1



B 249.678 {135}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000343

Re-Slope: 1.000000

A1 (Gain): 0.327460

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999839

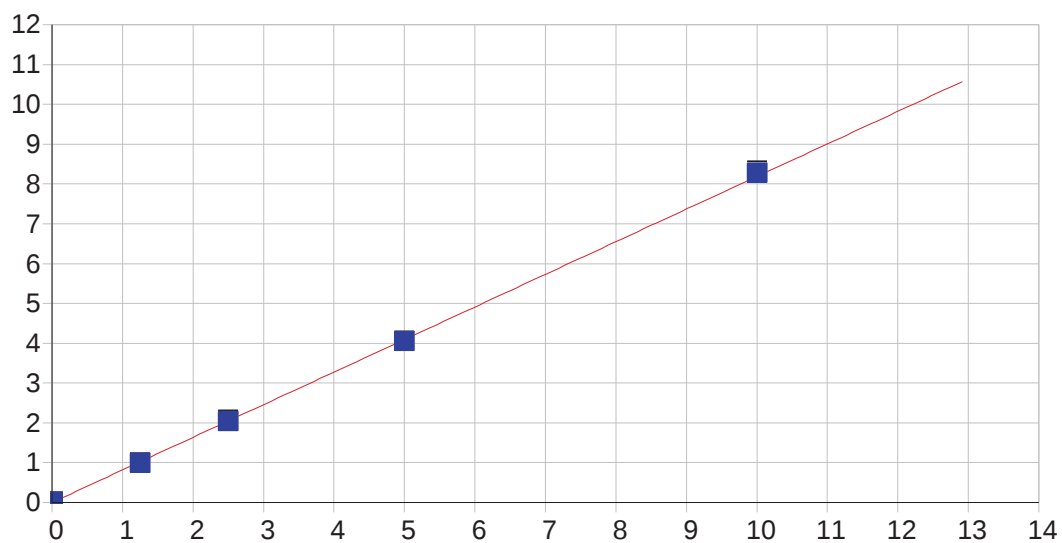
Status: OK.

Std Error of Est: 0.000091

Predicted MDL: 0.001014

Predicted MQL: 0.003381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.01000	.01011	.000	1.12	.00359	.000	1
S2	1.2500	1.2889	.039	3.11	.38997	.001	1
S3	2.5000	2.5509	.051	2.04	.77081	.009	1
S4	5.0000	5.0585	.058	1.17	1.5271	.007	1
S5	10.000	9.8517	-.148	-1.48	2.9670	.010	1



Mo 202.030 {467}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000308

Re-Slope: 1.000000

A1 (Gain): 0.818599

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999908

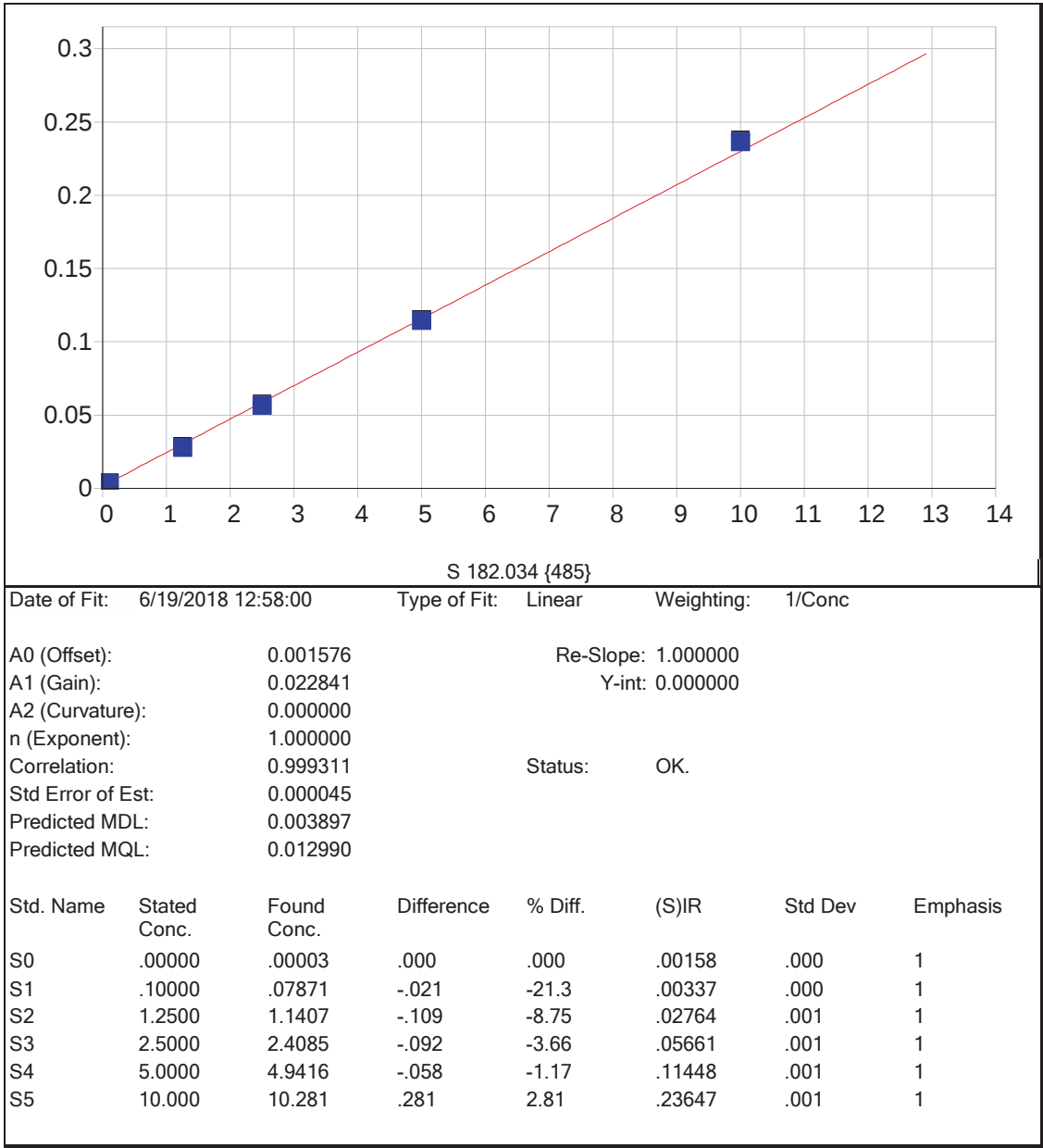
Status: OK.

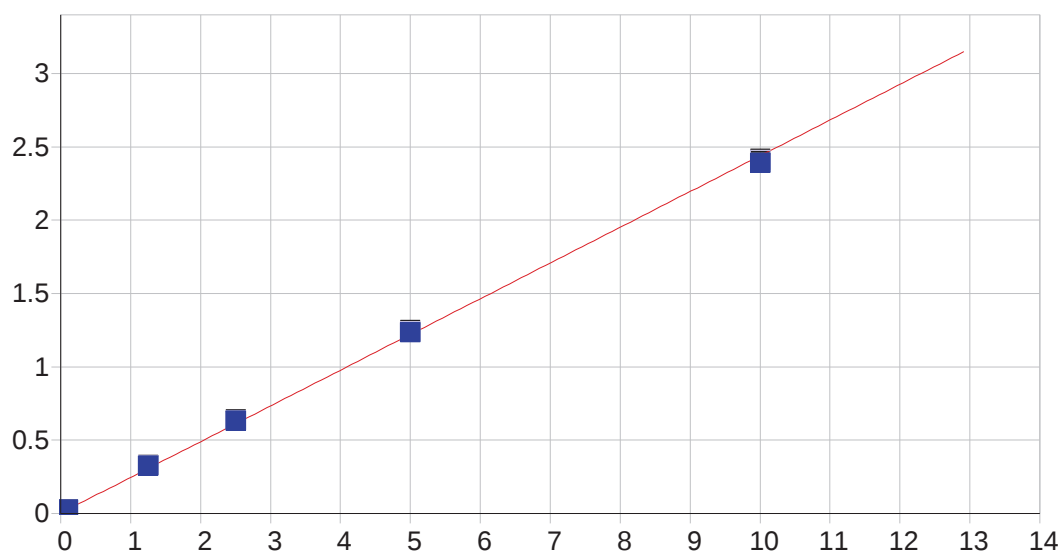
Std Error of Est: 0.000187

Predicted MDL: 0.000260

Predicted MQL: 0.000866

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.01000	.00990	.000	-1.01	.00841	.000	1
S2	1.2500	1.2097	-.040	-3.22	.99055	.020	1
S3	2.5000	2.4843	-.016	-.628	2.0339	.027	1
S4	5.0000	4.9399	-.060	-1.20	4.0439	.009	1
S5	10.000	10.116	.116	1.16	8.2810	.041	1



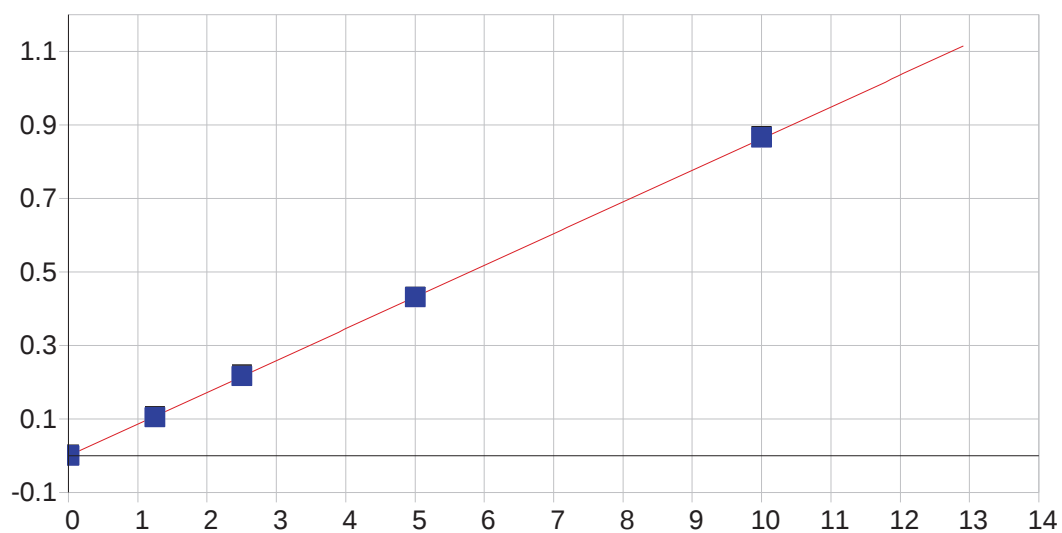


Si 251.611 {134}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002418 Re-Slope: 1.000000
 A1 (Gain): 0.243660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999701 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.001239
 Predicted MQL: 0.004128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00242	.000	1
S1	.10000	.10053	.001	.531	.02700	.000	1
S2	1.2500	1.3248	.075	5.99	.32772	.001	1
S3	2.5000	2.5778	.078	3.11	.63551	.006	1
S4	5.0000	5.0491	.049	.982	1.2427	.007	1
S5	10.000	9.7978	-.202	-2.02	2.4097	.007	1

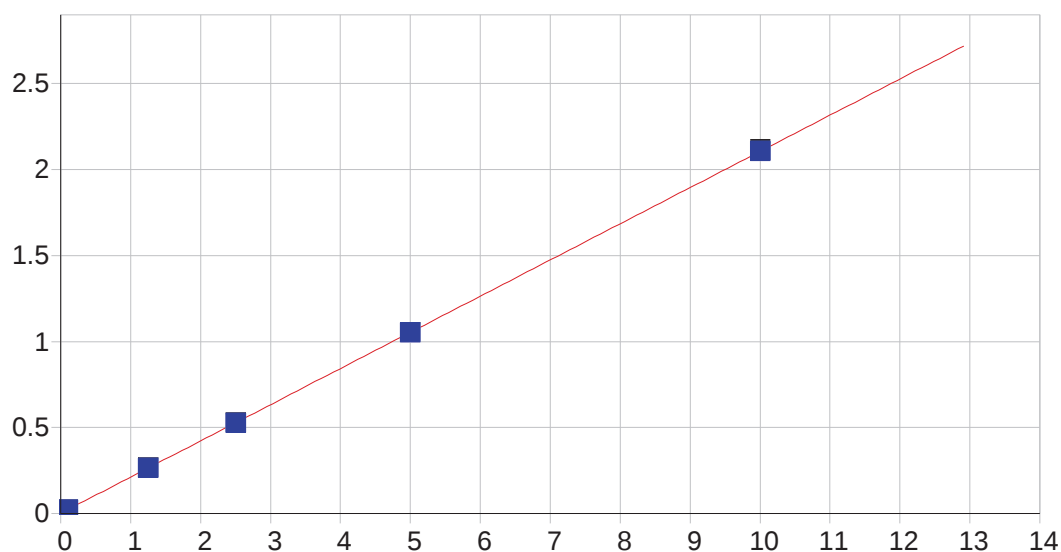


Sn 189.989 {478}

Date of Fit: 6/19/2018 12:58:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.086297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001019
 Predicted MQL: 0.003396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.00700	.00812	.001	16.0	.00067	.000	1
S2	1.2500	1.2107	-.039	-3.14	.10424	.002	1
S3	2.5000	2.5064	.006	.256	.21581	.003	1
S4	5.0000	4.9924	-.008	-.151	.42987	.000	1
S5	10.000	10.039	.039	.393	.86445	.003	1



Ti 336.121 {100}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001210

Re-Slope: 1.000000

A1 (Gain): 0.210476

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999998

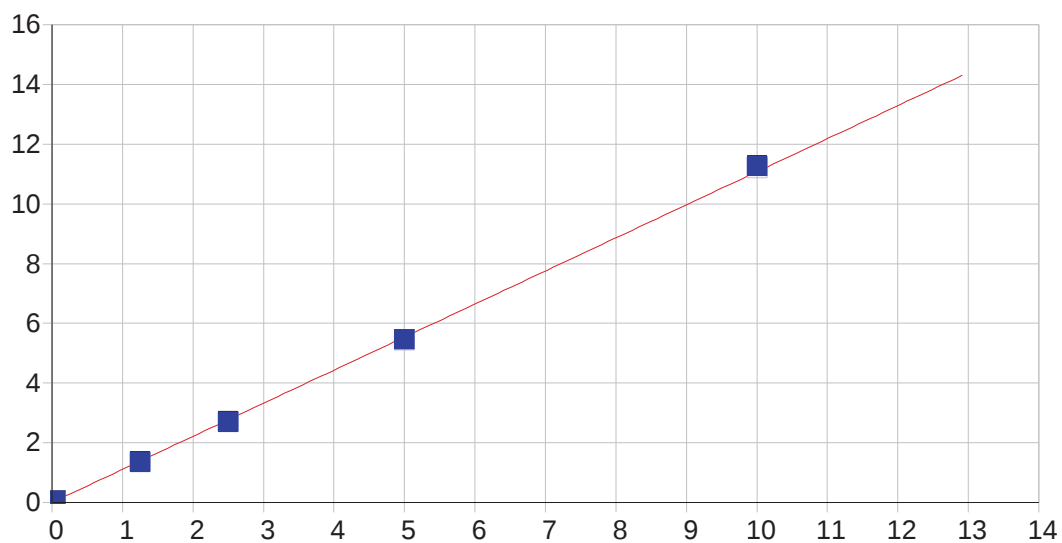
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.001440

Predicted MQL: 0.004799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00121	.000	1
S1	.10000	.10087	.001	.874	.02244	.000	1
S2	1.2500	1.2549	.005	.393	.26524	.002	1
S3	2.5000	2.4956	-.004	-.174	.52629	.003	1
S4	5.0000	4.9903	-.010	-.194	1.0511	.001	1
S5	10.000	10.008	.008	.083	2.1069	.009	1



Li 670.784 { 50}

Date of Fit: 6/19/2018 12:58:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002118

Re-Slope: 1.000000

A1 (Gain): 1.107315

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999847

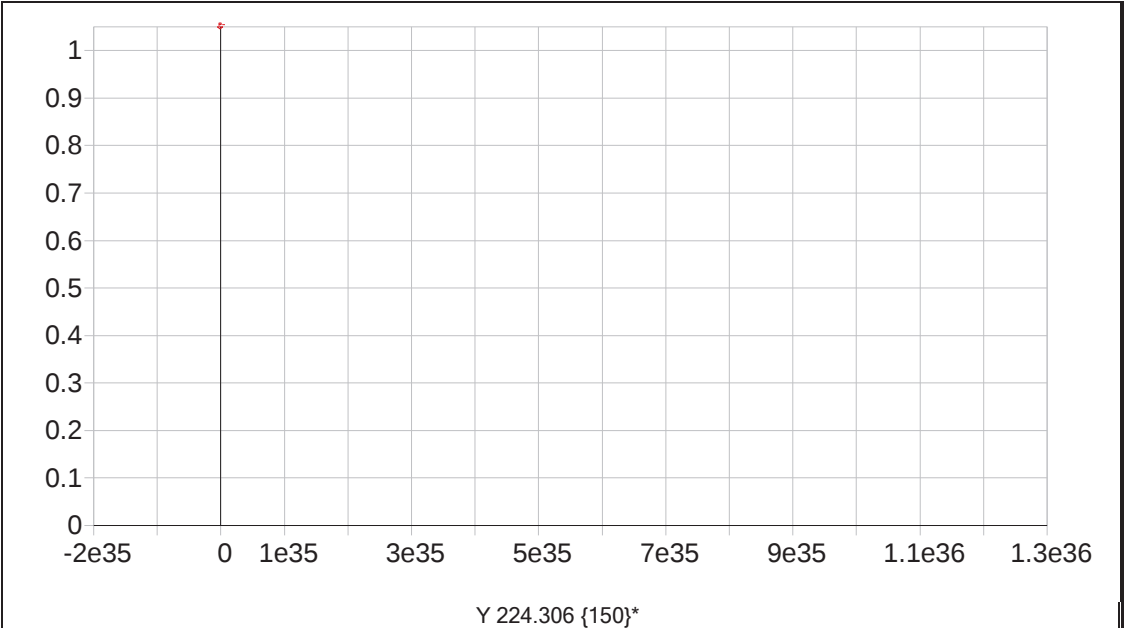
Status: OK.

Std Error of Est: 0.000723

Predicted MDL: 0.001174

Predicted MQL: 0.003914

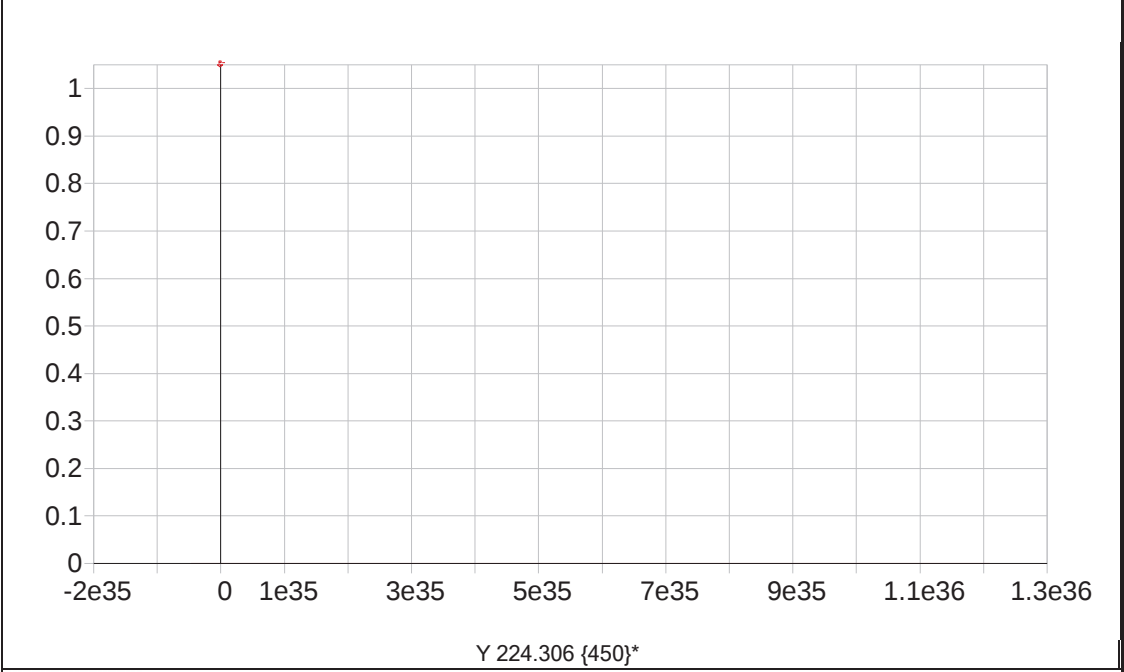
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00212	.001	1
S5	10.000	10.161	.161	1.61	11.191	.027	1
S4	5.0000	4.9273	-.073	-1.45	5.4271	.006	1
S3	2.5000	2.4401	-.060	-2.40	2.6885	.010	1
S2	1.2500	1.2234	-.027	-2.13	1.3490	.005	1
S1	.05000	.04844	-.002	-3.12	.05564	.000	1



Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

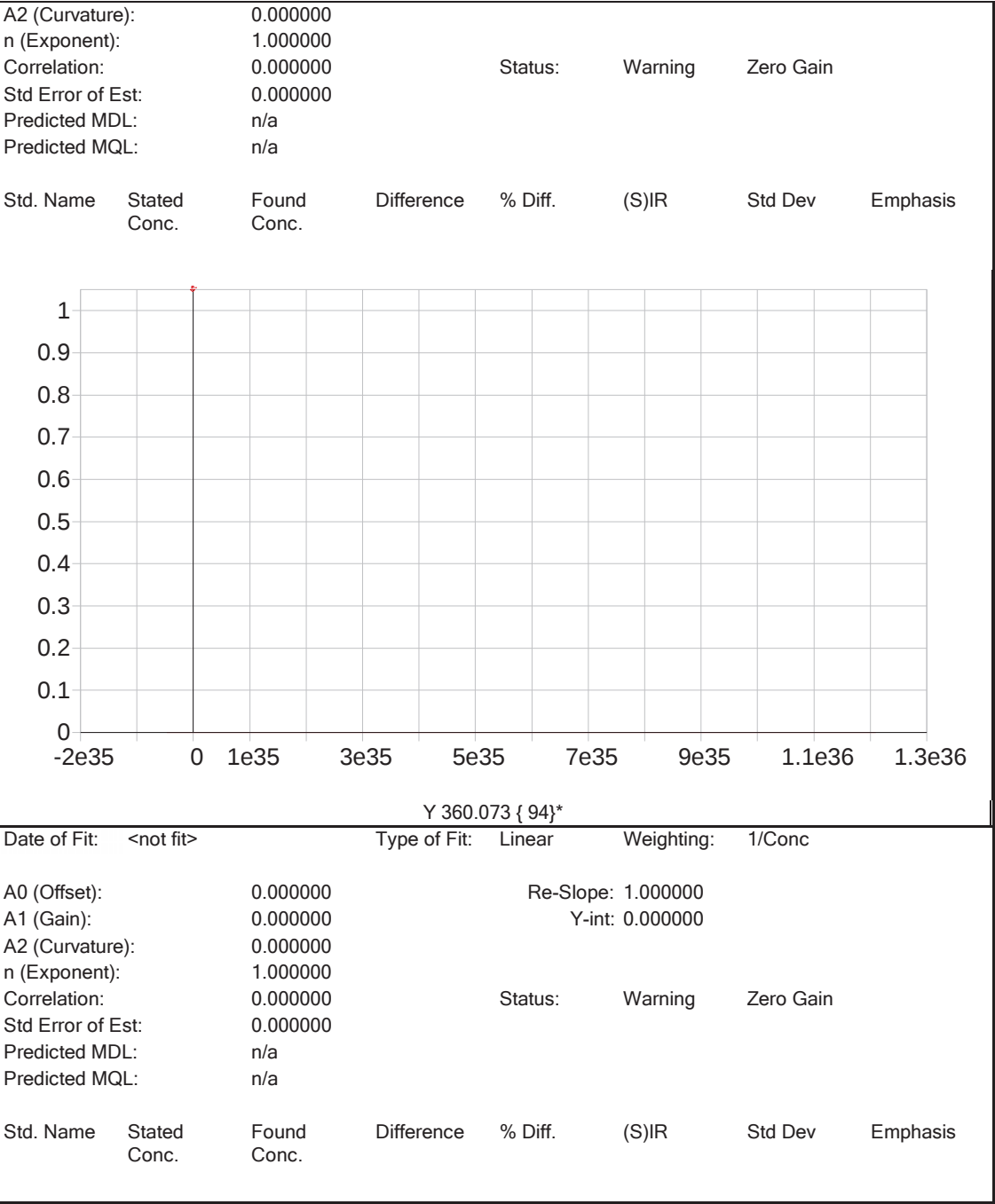
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

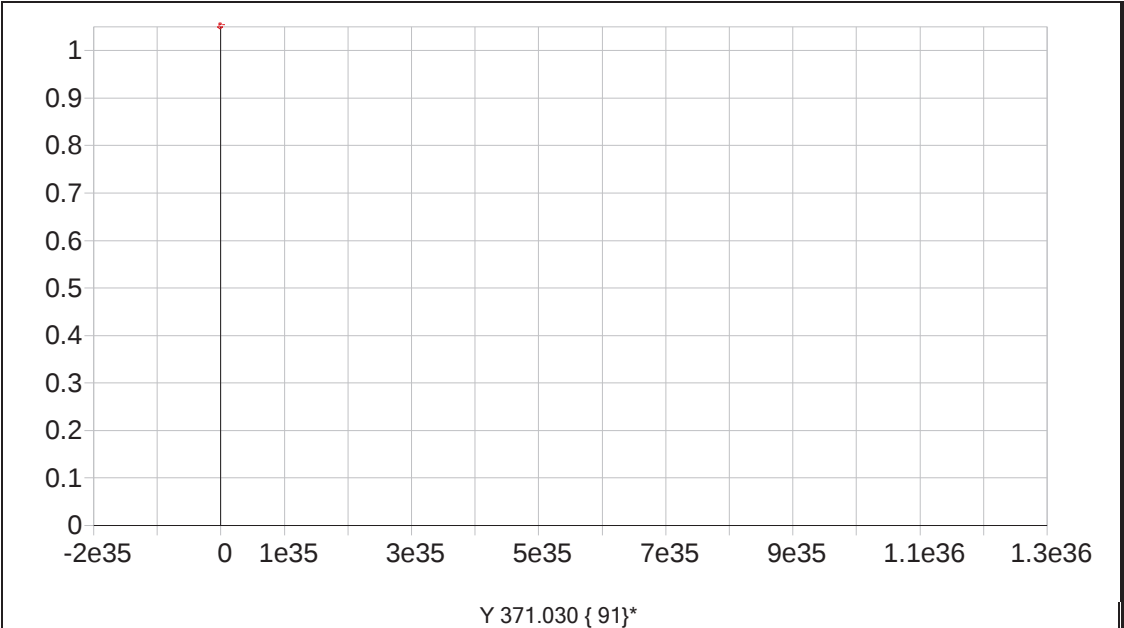
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000

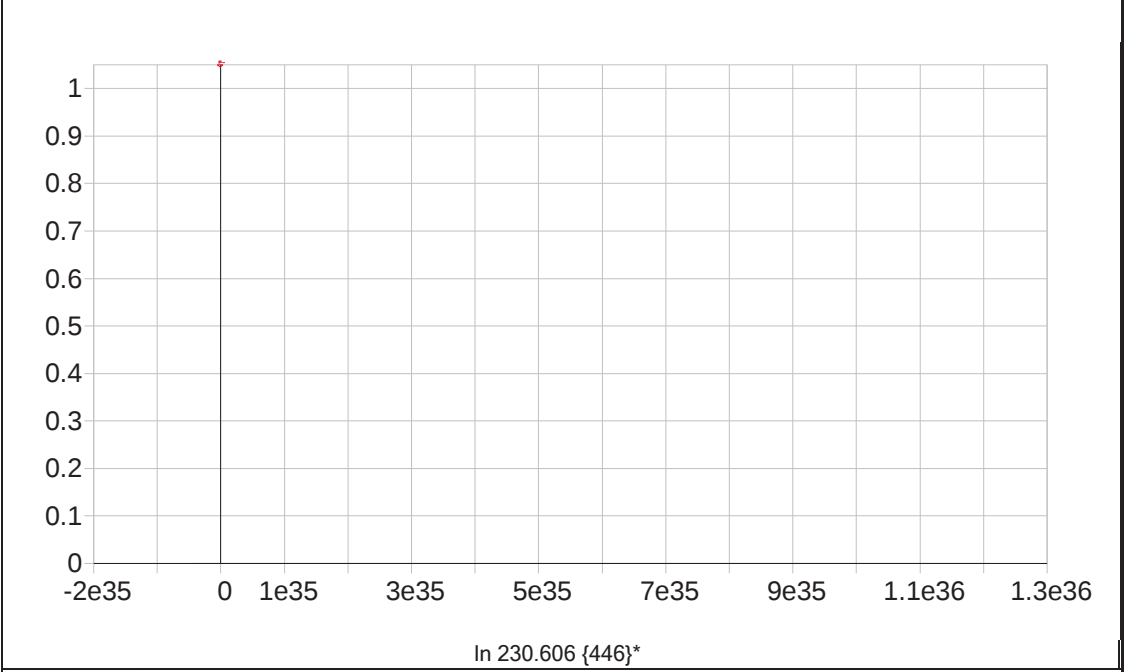




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

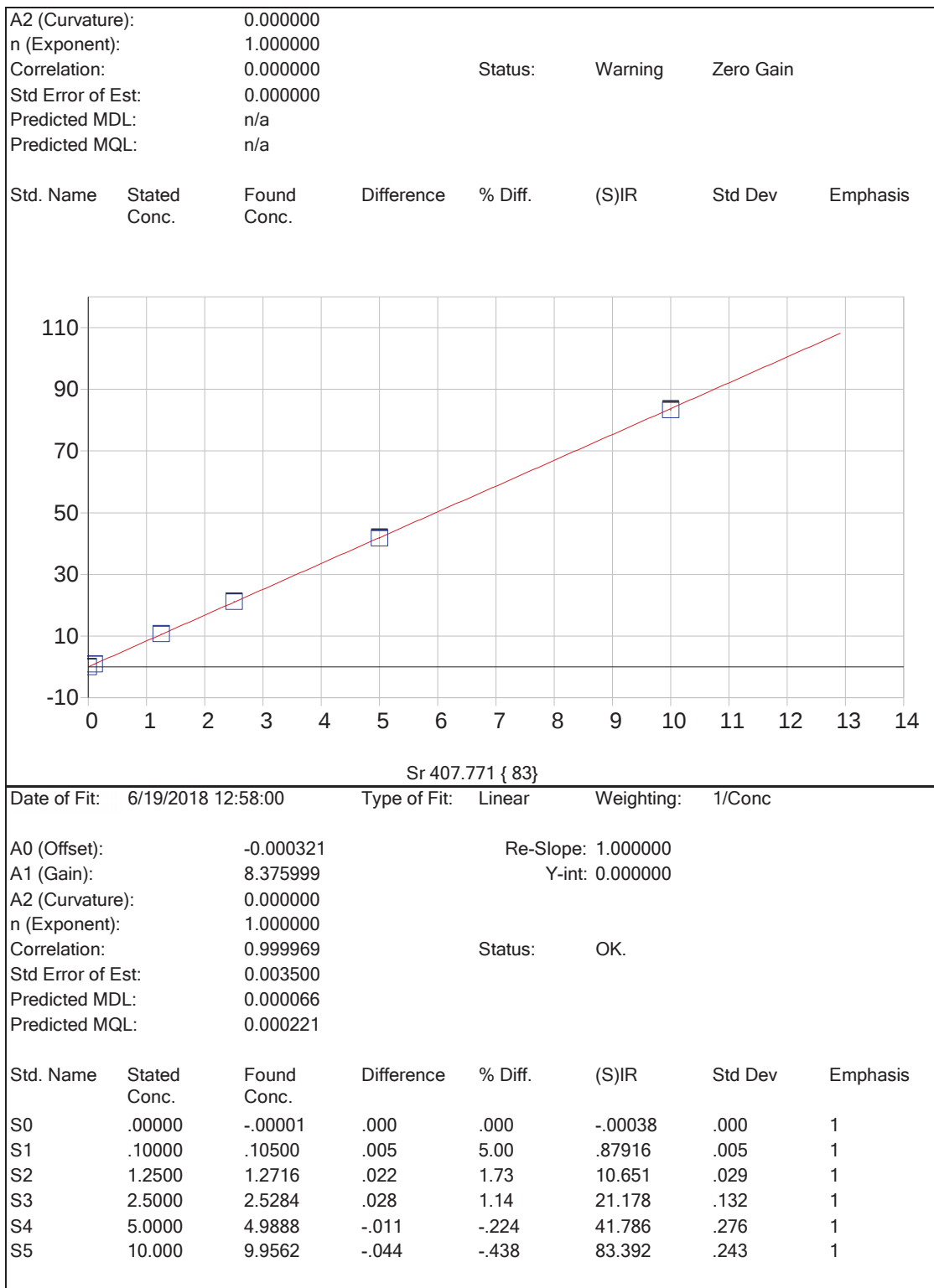
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000



Sample Name: S0 Acquired: 6/19/2018 12:32:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	-.00019	-.00018	-.00020	.00027	.00027	.00061	-.02514	-.00129
Stddev	.00006	.00006	.00003	.00016	.00034	.00053	.00122	.00003
%RSD	31.688	30.311	15.149	59.106	124.55	86.382	4.8465	1.9664

#1	-.00020	-.00014	-.00016	.00023	.00062	.00009	-.02390	-.00129
#2	-.00013	-.00016	-.00022	.00013	.00026	.00060	-.02633	-.00132
#3	-.00025	-.00024	-.00021	.00044	-.00006	.00115	-.02521	-.00126

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	.00032	.00103	-.00002	-.00008	.00065	.00022	-.00007	-.00020
Stddev	.00029	.00014	.00001	.00006	.00025	.00004	.00005	.00006
%RSD	89.847	13.295	40.625	78.000	38.290	17.752	76.532	29.075

#1	.00065	.00119	-.00002	-.00006	.00038	.00020	-.00001	-.00025
#2	.00022	.00093	-.00001	-.00015	.00086	.00020	-.00011	-.00022
#3	.00010	.00098	-.00003	-.00003	.00072	.00027	-.00008	-.00014

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	-.00121	-.00070	-.00018	-.00006	-.00018	.02671	-.00075	.00034
Stddev	.00008	.00003	.00018	.00020	.00035	.00054	.00005	.00004
%RSD	6.7253	3.9550	102.80	334.56	195.27	2.0342	7.0003	11.079

#1	-.00130	-.00072	-.00036	-.00024	-.00017	.02636	-.00069	.00033
#2	-.00119	-.00069	.00000	-.00010	-.00053	.02643	-.00076	.00039
#3	-.00114	-.00067	-.00017	.00016	.00017	.02733	-.00079	.00031

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	.00031	.00158	.00242	-.00001	.00121	.00212	-.00038	
Stddev	.00021	.00006	.00030	.00004	.00015	.00121	.00037	
%RSD	67.238	4.0724	12.281	532.15	12.097	57.029	96.994	

#1	.00045	.00157	.00207	-.00001	.00133	.00114	-.00059	
#2	.00041	.00152	.00261	-.00005	.00125	.00347	.00005	
#3	.00007	.00164	.00256	.00004	.00105	.00176	-.00060	

Sample Name: S0 Acquired: 6/19/2018 12:32:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	2232.2	2387.1	62075.	7914.7	4030.4
Stddev	7.2	7.7	112.	38.8	8.2
%RSD	.32199	.32241	.17993	.49045	.20461
#1	2231.5	2390.1	61993.	7913.4	4030.7
#2	2225.4	2392.8	62030.	7876.6	4038.5
#3	2239.7	2378.3	62202.	7954.2	4022.0

Sample Name: S1 Acquired: 6/19/2018 12:36:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.00014	.00074	.00100	.00248	.01015	.01424	.63895	.02021
Stddev	.00014	.00010	.00013	.00002	.00027	.00034	.00210	.00040
%RSD	96.037	13.633	12.963	.77718	2.6582	2.3771	.32798	1.9713

#1	.00020	.00085	.00087	.00246	.01044	.01391	.64135	.01980
#2	.00025	.00073	.00112	.00247	.01007	.01459	.63802	.02059
#3	-.00001	.00065	.00101	.00250	.00992	.01423	.63748	.02025

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	.01127	.15458	.00130	.03098	.00290	.00122	.00233	.01944
Stddev	.00019	.00093	.00004	.00017	.00023	.00009	.00015	.00037
%RSD	1.7157	.60088	2.7644	.53528	7.8880	7.2930	6.5666	1.9213

#1	.01149	.15375	.00133	.03091	.00305	.00132	.00216	.01901
#2	.01111	.15558	.00126	.03086	.00302	.00115	.00239	.01966
#3	.01123	.15440	.00131	.03117	.00264	.00118	.00245	.01966

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	.01972	.00103	.03137	.00277	.00248	.11524	-.00057	.00359
Stddev	.00014	.00003	.00066	.00008	.00028	.00133	.00006	.00033
%RSD	.73155	3.0524	2.0988	2.9974	11.181	1.1579	10.935	9.3118

#1	.01983	.00106	.03075	.00267	.00216	.11473	-.00060	.00328
#2	.01955	.00102	.03130	.00280	.00269	.11424	-.00050	.00354
#3	.01977	.00100	.03206	.00283	.00258	.11675	-.00062	.00394

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	.00841	.00337	.02700	.00067	.02244	.05564	.87916	
Stddev	.00024	.00005	.00028	.00008	.00004	.00010	.00452	
%RSD	2.8267	1.6025	1.0494	12.331	.19574	.18530	.51388	

#1	.00813	.00343	.02670	.00069	.02245	.05560	.88146	
#2	.00854	.00337	.02726	.00058	.02247	.05576	.88207	
#3	.00855	.00332	.02704	.00074	.02239	.05557	.87396	

Sample Name: S1 Acquired: 6/19/2018 12:36:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	2272.5	2381.0	62563.	7949.3	4026.2
Stddev	13.6	5.5	253.	26.3	11.1
%RSD	.59783	.23149	.40407	.33110	.27604
#1	2272.8	2374.7	62819.	7935.6	4013.4
#2	2258.8	2383.4	62313.	7932.6	4031.5
#3	2286.0	2385.0	62558.	7979.6	4033.7

Sample Name: S2 Acquired: 6/19/2018 12:40:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.03583	.04742	.80598	.07251	.20265	2.5210	7.9556	.52579
Stddev	.00080	.00101	.01712	.00171	.00368	.0076	.0155	.00158
%RSD	2.2287	2.1390	2.1238	2.3631	1.8147	.30230	.19499	.30122

#1	.03664	.04830	.81919	.07409	.20572	2.5125	7.9386	.52751
#2	.03505	.04631	.78664	.07069	.19857	2.5234	7.9593	.52440
#3	.03578	.04763	.81210	.07277	.20364	2.5271	7.9689	.52545

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	1.3307	1.7964	.47471	.38629	.32528	.37111	.53734	.23864
Stddev	.0278	.0089	.00006	.00773	.00138	.00121	.00241	.00097
%RSD	2.0854	.49372	.01187	2.0004	.42573	.32535	.44763	.40586

#1	1.3511	1.7895	.47465	.39294	.32383	.36972	.53605	.23764
#2	1.2991	1.7934	.47471	.37781	.32542	.37171	.53585	.23871
#3	1.3418	1.8064	.47476	.38811	.32659	.37190	.54011	.23957

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	.31039	.05392	.22506	.03178	.14924	.68591	.12246	.38997
Stddev	.00648	.00025	.00153	.00010	.00160	.00175	.00242	.00090
%RSD	2.0868	.45924	.68189	.30332	1.0751	.25447	1.9761	.23137

#1	.31561	.05370	.22329	.03178	.14754	.68425	.12450	.39101
#2	.30314	.05387	.22600	.03168	.14944	.68575	.11979	.38952
#3	.31242	.05419	.22588	.03188	.15073	.68773	.12309	.38938

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	.99055	.02764	.32772	.10424	.26524	1.3490	10.651	
Stddev	.02046	.00061	.00110	.00207	.00155	.0052	.029	
%RSD	2.0659	2.2138	.33618	1.9817	.58506	.38763	.27491	

#1	1.0063	.02823	.32798	.10614	.26345	1.3438	10.619	
#2	.96743	.02701	.32651	.10204	.26605	1.3491	10.657	
#3	.99787	.02767	.32867	.10453	.26622	1.3542	10.677	

Sample Name: S2 Acquired: 6/19/2018 12:40:45 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	2149.6	2252.1	60165.	7850.4	3636.3
Stddev	1.4	38.4	113.	26.2	65.4
%RSD	.06586	1.7071	.18729	.33344	1.7981
#1	2150.5	2219.8	60281.	7851.3	3582.2
#2	2150.2	2294.6	60056.	7876.1	3708.9
#3	2147.9	2241.9	60157.	7823.7	3617.6

Sample Name: S3 Acquired: 6/19/2018 12:44:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.07385	.09568	1.6435	.14795	.41917	5.0341	15.896	1.0278
Stddev	.00100	.00116	.0283	.00093	.00457	.0351	.075	.0117
%RSD	1.3585	1.2138	1.7232	.62976	1.0899	.69658	.47454	1.1394

#1	.07491	.09700	1.6759	.14902	.42445	5.0746	15.982	1.0412
#2	.07374	.09484	1.6234	.14730	.41650	5.0139	15.865	1.0229
#3	.07291	.09519	1.6313	.14752	.41657	5.0137	15.842	1.0194

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7129	3.5179	.91518	.79456	.64311	.72807	1.0464	.47811
Stddev	.0488	.0149	.00109	.01574	.00315	.00591	.0052	.00392
%RSD	1.7993	.42243	.11919	1.9812	.48920	.81111	.50077	.82048

#1	2.7689	3.5350	.91618	.81263	.64660	.73483	1.0522	.48260
#2	2.6795	3.5107	.91535	.78379	.64223	.72546	1.0447	.47536
#3	2.6902	3.5080	.91402	.78727	.64049	.72392	1.0421	.47636

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	.63324	.11021	.44808	.06338	.29883	1.3383	.19600	.77081
Stddev	.01076	.00007	.00121	.00067	.00242	.0079	.00206	.00901
%RSD	1.6996	.06151	.27064	1.0574	.80965	.59127	1.0499	1.1686

#1	.64560	.11027	.44931	.06413	.29628	1.3473	.19831	.78103
#2	.62592	.11014	.44689	.06315	.29910	1.3326	.19437	.76740
#3	.62821	.11022	.44804	.06285	.30110	1.3349	.19531	.76400

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	2.0339	.05661	.63551	.21581	.52629	2.6885	21.178	
Stddev	.0275	.00062	.00569	.00320	.00321	.0101	.132	
%RSD	1.3506	1.0868	.89552	1.4844	.61007	.37656	.62301	

#1	2.0655	.05728	.64200	.21947	.52999	2.6993	21.330	
#2	2.0198	.05608	.63315	.21350	.52434	2.6793	21.095	
#3	2.0163	.05646	.63138	.21446	.52452	2.6867	21.108	

Sample Name: S3 Acquired: 6/19/2018 12:44:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	2110.1	2119.3	59640.	7796.9	3366.3
Stddev	7.4	39.2	113.	64.9	70.4
%RSD	.34886	1.8485	.18984	.83189	2.0908
#1	2108.0	2074.1	59629.	7723.7	3285.4
#2	2118.3	2144.4	59758.	7847.4	3413.3
#3	2104.1	2139.3	59533.	7819.6	3400.2

Sample Name: S4 Acquired: 6/19/2018 12:48:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.14933	.18333	3.2419	.29504	.84841	10.231	31.825	2.0345
Stddev	.00019	.00061	.0063	.00062	.00317	.008	.043	.0118
%RSD	.12636	.33466	.19510	.20862	.37416	.08048	.13632	.58020

#1	.14913	.18263	3.2348	.29436	.84544	10.240	31.791	2.0457
#2	.14936	.18360	3.2441	.29521	.84803	10.223	31.809	2.0355
#3	.14950	.18377	3.2468	.29556	.85175	10.231	31.874	2.0222

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.2949	6.9717	1.8029	1.5604	1.2829	1.4287	2.0444	.96539
Stddev	.0101	.0190	.0027	.0031	.0018	.0056	.0027	.00303
%RSD	.19105	.27264	.14887	.19947	.13944	.39375	.13080	.31342

#1	5.2833	6.9504	1.8005	1.5569	1.2847	1.4344	2.0413	.96869
#2	5.3002	6.9870	1.8058	1.5628	1.2811	1.4232	2.0462	.96274
#3	5.3013	6.9778	1.8024	1.5615	1.2830	1.4286	2.0456	.96474

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	1.2458	.22905	.89911	.12598	.61502	2.6777	.28224	1.5271
Stddev	.0018	.00135	.00045	.00063	.00191	.0008	.00117	.0072
%RSD	.14644	.59048	.05006	.49678	.31110	.03016	.41552	.47053

#1	1.2446	.22775	.89931	.12570	.61669	2.6775	.28094	1.5347
#2	1.2479	.22897	.89943	.12554	.61293	2.6771	.28255	1.5262
#3	1.2449	.23045	.89859	.12670	.61543	2.6786	.28323	1.5204

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	4.0439	.11448	1.2427	.42987	1.0511	5.4271	41.786	
Stddev	.0091	.00050	.0069	.00030	.0013	.0063	.276	
%RSD	.22457	.44099	.55152	.06906	.12654	.11581	.66122	

#1	4.0337	.11391	1.2489	.43018	1.0515	5.4252	41.713	
#2	4.0472	.11483	1.2439	.42959	1.0497	5.4220	42.091	
#3	4.0509	.11471	1.2353	.42984	1.0523	5.4341	41.553	

Sample Name: S4 Acquired: 6/19/2018 12:48:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	1979.5	2014.5	57353.	7625.3	3177.4
Stddev	1.5	5.3	189.	16.4	6.3
%RSD	.07763	.26143	.32886	.21467	.19953
#1	1981.3	2020.5	57444.	7616.0	3183.8
#2	1979.0	2011.4	57136.	7615.7	3171.1
#3	1978.3	2011.4	57478.	7644.2	3177.3

Sample Name: S5 Acquired: 6/19/2018 12:52:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.31366	.35523	6.4828	.61256	1.7857	20.922	63.131	3.9883
Stddev	.00204	.00030	.0229	.00306	.0105	.071	.806	.0066
%RSD	.65046	.08450	.35315	.49986	.58732	.33921	1.2764	.16427

#1	.31236	.35506	6.4709	.61365	1.7834	20.989	64.046	3.9958
#2	.31261	.35504	6.4684	.60910	1.7765	20.931	62.528	3.9839
#3	.31602	.35557	6.5092	.61493	1.7971	20.848	62.818	3.9853

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.452	13.837	3.5297	3.1207	2.5923	2.7731	3.9750	1.9437
Stddev	.042	.027	.0160	.0131	.0050	.0250	.0056	.0175
%RSD	.39994	.19695	.45291	.42032	.19125	.89997	.13989	.90242

#1	10.414	13.849	3.5301	3.1079	2.5978	2.7937	3.9792	1.9597
#2	10.446	13.806	3.5136	3.1203	2.5911	2.7804	3.9687	1.9466
#3	10.497	13.857	3.5455	3.1341	2.5881	2.7454	3.9770	1.9249

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	2.4599	.49044	1.8173	.24917	1.2872	5.4326	.20798	2.9670
Stddev	.0083	.00064	.0074	.00210	.0031	.0170	.00044	.0100
%RSD	.33584	.12978	.40800	.84305	.24409	.31195	.21272	.33649

#1	2.4528	.49078	1.8247	.25118	1.2855	5.4482	.20747	2.9773
#2	2.4579	.48971	1.8173	.24935	1.2853	5.4349	.20825	2.9574
#3	2.4689	.49084	1.8099	.24699	1.2908	5.4146	.20821	2.9662

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	8.2810	.23647	2.4097	.86445	2.1069	11.191	83.392	
Stddev	.0407	.00088	.0069	.00274	.0090	.027	.243	
%RSD	.49175	.37294	.28471	.31723	.42861	.23700	.29088	

#1	8.2549	.23569	2.4170	.86248	2.1169	11.220	83.408	
#2	8.2603	.23629	2.4034	.86329	2.1044	11.186	83.142	
#3	8.3279	.23743	2.4087	.86758	2.0994	11.167	83.627	

Sample Name: S5 Acquired: 6/19/2018 12:52:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	1812.6	1824.4	54519.	7470.6	2900.6
Stddev	8.0	10.2	115.	37.9	9.5
%RSD	.44386	.55895	.21032	.50734	.32913
#1	1812.9	1829.7	54489.	7436.8	2907.2
#2	1820.5	1830.9	54646.	7463.5	2905.0
#3	1804.4	1812.7	54422.	7511.6	2889.7

Sample Name: S6 Acquired: 6/19/2018 12:56:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	57.773	24.034	7.8027	3.3916	5.2564
Stddev	.594	.071	.0419	.0216	.0129
%RSD	1.0278	.29401	.53752	.63828	.24451

#1	57.103	23.954	7.7559	3.3684	5.2421
#2	58.233	24.086	7.8369	3.4113	5.2600
#3	57.985	24.063	7.8153	3.3952	5.2670

Int. Std.	Y_3710
Units	Cts/S
Avg	7344.3
Stddev	27.9
%RSD	.37971

#1	7374.4
#2	7319.3
#3	7339.0

Sample Name: ICV Acquired: 6/19/2018 13:17:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.9142197	1.058540	.9286332	.9433793	.9189579	2.456637
Stddev	.0075873	.003030	.0026353	.0013390	.0013781	.001331
%RSD	.8299208	.2862422	.2837844	.1419364	.1499642	.0541985

#1	.9056070	1.056000	.9260489	.9436548	.9205484	2.455711
#2	.9171358	1.061894	.9313168	.9419240	.9181173	2.456036
#3	.9199164	1.057726	.9285338	.9445591	.9182081	2.458163

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4985411	.5010168	.4774644	9.925887	.5140088	.4688095
Stddev	.0004706	.0020531	.0010553	.063040	.0016205	.0012640
%RSD	.0943997	.4097778	.2210218	.6351059	.3152628	.2696186

#1	.4982315	.5022681	.4762465	9.969444	.5131736	.4674629
#2	.4983091	.5021348	.4781073	9.954617	.5129764	.4689954
#3	.4990826	.4986474	.4780394	9.853600	.5158765	.4699703

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5030005	5.253171	.5264019	5.620323	.4883198	.5231857
Stddev	.0038333	.052863	.0015024	.022273	.0014215	.0034996
%RSD	.7620903	1.006302	.2854117	.3962934	.2911082	.6689006

#1	.4985891	5.300886	.5252587	5.634592	.4884738	.5243648
#2	.5048915	5.196345	.5281036	5.594658	.4896580	.5192489
#3	.5055209	5.262283	.5258435	5.631720	.4868275	.5259435

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.398250	.5132379	.9456594	9.275693	F .0117170	F .0089339
Stddev	.182323	.0026325	.0164062	.065981	.0003163	.0005961
%RSD	1.939972	.5129130	1.734890	.7113353	2.699450	6.672209

#1	9.229663	.5104562	.9556855	9.334778	.0119663	.0083544
#2	9.373340	.5135671	.9545665	9.204494	.0113612	.0089021
#3	9.591748	.5156902	.9267262	9.287807	.0118234	.0095453

Sample Name: ICV Acquired: 6/19/2018 13:17:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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 .0000898	-.010440	.0018003	F .0007848	.0001090	.0015881
Stddev	.0002042	.002914	.0005070	.0009865	.0002369	.0008791
%RSD	227.2830	27.91045	28.16148	125.6997	217.4084	55.35427

#1	-.000146	-.010941	.0012887	.0006091	-.000088	.0015143
#2	.000215	-.007308	.0018095	.0018473	.000043	.0025018
#3	.000200	-.013071	.0023026	-.000102	.000372	.0007483

Elem	Sr4077
Units	ppm
Avg	.0115334
Stddev	.0000187
%RSD	.1618860

#1	.0115548
#2	.0115207
#3	.0115246

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.245	2339.863	63083.74	8027.270	4005.051
Stddev	4.810	4.715	209.19	34.017	7.864
%RSD	.2130182	.2015134	.3316034	.4237728	.1963426

#1	2262.271	2340.177	63310.75	8017.437	4005.101
#2	2252.917	2334.998	63041.69	7999.252	3997.163
#3	2259.546	2344.413	62898.76	8065.121	4012.890

Sample Name: ICB Acquired: 6/19/2018 13:23:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0037460	.0011298	-.001045	.0014478	-.001336	.0009096	-.001661
Stddev	.0047397	.0008962	.000674	.0016249	.000712	.0054322	.000221
%RSD	126.5266	79.32270	64.46504	112.2349	53.29519	597.1954	13.32010

#1	.0085867	.0020981	-.001134	.0033233	-.002089	.0013431	-.001428
#2	.0035374	.0009622	-.001671	.0005579	-.001246	-.004726	-.001688
#3	-.000886	.0003293	-.000332	.0004622	-.000674	.006112	-.001868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000994	-.000068	.0053065	.0003550	-.000317	-.001155	-.008885
Stddev	.0000560	.000029	.0048223	.0002463	.000109	.001166	.006602
%RSD	56.35842	42.07433	90.87511	69.38039	34.48316	100.9796	74.30655

#1	.0001472	-.000095	.0078668	.0004022	-.000204	-.001357	-.016410
#2	.0001132	-.000071	.0083086	.0005744	-.000422	.000099	-.004066
#3	.0000378	-.000038	-.000256	.0000885	-.000325	-.002207	-.006179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007896	.0037864	.0001288	.0004220	-.101288	-.003274	.0047711
Stddev	.0003518	.0185859	.0003240	.0004360	.029547	.001481	.0027571
%RSD	44.54948	490.8597	251.6105	103.3193	29.17103	45.23901	57.78712

#1	.0011947	.0178392	-.000112	.0008869	-.067546	-.004718	.0050081
#2	.0005610	.0108073	.000001	.0000222	-.113786	-.001759	.0019032
#3	.0006132	-.017287	.000497	.0003569	-.122532	-.003344	.0074021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.178907	-.000337	.0026209	-.000052	-.017263	-.002315	.0009812
Stddev	.050884	.000793	.0003926	.000179	.004067	.000435	.0009055
%RSD	28.44164	235.1149	14.98024	342.1287	23.55800	18.78170	92.28073

#1	-.237353	.000295	.0021891	-.000258	-.021798	-.001910	.0007425
#2	-.144466	-.001227	.0029564	.000062	-.013940	-.002260	.0002191
#3	-.154902	-.000080	.0027173	.000039	-.016052	-.002775	.0019822

Sample Name: ICB Acquired: 6/19/2018 13:23:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	-.000366	-.000555	-.000003
Stddev	.001250	.001150	.000032
%RSD	341.1370	207.3849	947.0430

#1	.000302	-.000778	.000029
#2	-.001808	.000691	-.000003
#3	.000408	-.001577	-.000036

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.260	2364.290	62634.50	8068.867	4076.608
Stddev	20.050	5.934	539.11	47.752	17.099
%RSD	.8953819	.2509990	.8607289	.5918103	.4194400

#1	2253.662	2371.126	63104.50	8111.425	4096.351
#2	2247.757	2360.458	62753.01	8077.950	4066.897
#3	2216.361	2361.288	62045.99	8017.225	4066.575

Sample Name: ICSA Acquired: 6/19/2018 13:27:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0034952	-.007234	-.004590	.0052577	.0023397	240.7660
Stddev	.0028733	.001896	.000994	.0012850	.0010695	.5426
%RSD	82.20714	26.20906	21.66248	24.44135	45.71009	.2253701

#1	.0014474	-.007881	-.003759	.0065630	.0024951	240.3794
#2	.0067798	-.005099	-.005692	.0039939	.0033229	240.5324
#3	.0022584	-.008721	-.004320	.0052161	.0012010	241.3863

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040853	.0011113	-.000158	237.6385	.0472341	-.000610
Stddev	.0005517	.0000419	.000220	.9268	.0006060	.000105
%RSD	13.50524	3.772042	138.5709	.3900053	1.282891	17.19523

#1	.0034483	.0010820	-.000408	236.5697	.0469046	-.000489
#2	.0044106	.0011593	.000007	238.1251	.0479334	-.000677
#3	.0043971	.0010925	-.000074	238.2206	.0468642	-.000663

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005262	98.90028	.0116447	245.9948	.0004180	-.002414
Stddev	.000771	.20779	.0012353	1.4393	.0003072	.000131
%RSD	14.65516	.2100959	10.60780	.5851054	73.48906	5.444134

#1	-.005034	98.80924	.0104655	244.9817	.0004857	-.002410
#2	-.004631	98.75355	.0115395	245.3604	.0000826	-.002285
#3	-.006122	99.13804	.0129293	247.6424	.0006857	-.002548

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1974920	-.001806	-.017261	-.111924	-.004677	F .0945107
Stddev	.0185439	.003803	.011853	.073848	.001382	.0021103
%RSD	9.389677	210.5425	68.67061	65.98055	29.54499	2.232875

#1	.1764553	-.004934	-.028361	-.056592	-.005866	.0968432
#2	.2114698	-.002914	-.004777	-.083399	-.003161	.0927338
#3	.2045509	.002428	-.018644	-.195779	-.005004	.0939550

Sample Name: ICSA Acquired: 6/19/2018 13:27:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0004946	.0038200	-.004567	-.004009	-.003302	.0053967
Stddev	.0001854	.0089161	.000914	.002126	.001225	.0007331
%RSD	37.48553	233.4046	20.02527	53.03656	37.11751	13.58395

#1	.0005218	-.004182	-.003521	-.003964	-.003036	.0047161
#2	.0006649	.013431	-.004960	-.001905	-.004638	.0053011
#3	.0002971	.002211	-.005219	-.006157	-.002231	.0061729

Elem	Sr4077
Units	ppm
Avg	.0985407
Stddev	.0005521
%RSD	.5603060

#1	.0979153
#2	.0989605
#3	.0987464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.651	2170.819	59428.03	7886.169	3412.550
Stddev	15.394	14.675	194.68	39.175	19.959
%RSD	.7259189	.6760204	.3275966	.4967512	.5848646

#1	2108.310	2175.996	59266.26	7911.039	3427.191
#2	2115.742	2182.204	59373.73	7906.456	3420.645
#3	2137.901	2154.257	59644.10	7841.011	3389.816

Sample Name: ICSAB Acquired: 6/19/2018 13:31:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0876354	.0953136	.0426232	.0528978	.5674752	236.2387
Stddev	.0069897	.0040634	.0019690	.0043294	.0009802	1.0465
%RSD	7.975928	4.263197	4.619588	8.184539	.1727272	.4429756

#1	.0883568	.0986124	.0439731	.0526601	.5679294	237.3582
#2	.0942364	.0907746	.0403639	.0486921	.5663504	236.0729
#3	.0803129	.0965537	.0435327	.0573411	.5681460	235.2850

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5054034	.5132578	.9886581	233.1468	.5538221	.4855856
Stddev	.0016406	.0035715	.0075472	.4441	.0022484	.0034849
%RSD	.3246155	.6958437	.7633793	.1904782	.4059732	.7176748

#1	.5071252	.5150680	.9966382	233.6131	.5532680	.4895617
#2	.5052267	.5155618	.9877008	233.0985	.5519025	.4841346
#3	.5038583	.5091437	.9816352	232.7288	.5562957	.4830607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4950758	97.58577	.5235451	241.9323	.9829105	.1794342
Stddev	.0004085	.43376	.0006408	1.0937	.0083652	.0001370
%RSD	.0825117	.4444934	.1223963	.4520637	.8510671	.0763714

#1	.4950150	97.98016	.5239638	242.4605	.9914209	.1794010
#2	.4947012	97.65595	.5228074	242.6615	.9826120	.1793168
#3	.4955114	97.12119	.5238641	240.6747	.9746985	.1795847

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2563216	.5111460	.9566040	-.247003	.0093653	F .0940144
Stddev	.0773658	.0077989	.0082793	.032671	.0016489	.0001380
%RSD	30.18312	1.525769	.8654847	13.22704	17.60667	.1468104

#1	.3443378	.5195252	.9512630	-.277958	.0083713	.0941562
#2	.2255544	.5098137	.9661412	-.212851	.0084559	.0940064
#3	.1990725	.5040990	.9524078	-.250200	.0112686	.0938805

Sample Name: ICSAB Acquired: 6/19/2018 13:31:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0019964	.0012870	-.003384	-.003589	-.001974	.0061825
Stddev	.0005351	.0046054	.001671	.000957	.000970	.0005467
%RSD	26.80233	357.8236	49.36853	26.65787	49.14451	8.842980

#1	.0023901	.0051756	-.001569	-.004449	-.001229	.0065318
#2	.0022118	-.003799	-.003726	-.003760	-.001623	.0055524
#3	.0013872	.002484	-.004857	-.002558	-.003071	.0064633

Elem	Sr4077
Units	ppm
Avg	.0969543
Stddev	.0006851
%RSD	.7066428

#1	.0977422
#2	.0964989
#3	.0966218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.000	2153.438	59134.65	7785.623	3398.884
Stddev	5.955	14.299	154.08	35.313	24.578
%RSD	.2826370	.6639919	.2605498	.4535605	.7231185

#1	2113.875	2137.931	59195.85	7764.779	3372.593
#2	2103.457	2156.283	59248.73	7765.694	3402.774
#3	2103.667	2166.101	58959.38	7826.394	3421.285

Sample Name: CCV030 Acquired: 6/19/2018 13:35:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.610516	4.536255	23.08574	4.608730	4.630791	383.5636
Stddev	.018561	.014872	.09068	.003287	.021904	.5404
%RSD	.4025762	.3278482	.3928016	.0713297	.4730158	.1408938

#1	4.624231	4.535449	23.04032	4.610717	4.642512	384.1282
#2	4.589395	4.521803	23.02674	4.604935	4.605520	383.0512
#3	4.617921	4.551514	23.19015	4.610537	4.644340	383.5112

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.530230	.4817934	2.336048	381.5177	14.48406	2.328578
Stddev	.016514	.0033133	.008282	.0855	.03069	.010103
%RSD	.1732776	.6876997	.3545437	.0224000	.2118600	.4338864

#1	9.548391	.4850209	2.331652	381.4975	14.47431	2.322729
#2	9.526183	.4784005	2.330890	381.6114	14.51843	2.322760
#3	9.516115	.4819588	2.345601	381.4441	14.45943	2.340244

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.30509	379.6007	14.05573	379.4257	2.331921	1.227654
Stddev	.02155	1.1459	.01966	1.4746	.008841	.001318
%RSD	.1506133	.3018609	.1399040	.3886424	.3791346	.1073704

#1	14.29830	378.9575	14.06993	378.6285	2.330525	1.227372
#2	14.28776	378.9210	14.03328	378.5213	2.323861	1.226499
#3	14.32922	380.9237	14.06396	381.1273	2.341377	1.229090

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	369.3213	2.388632	14.12732	144.3277	F 3.379356	4.954806
Stddev	.1516	.005003	.03968	.2910	.011436	.018086
%RSD	.0410351	.2094441	.2808788	.2016319	.3383945	.3650234

#1	369.4963	2.392840	14.10801	144.3848	3.375144	4.970156
#2	369.2333	2.389957	14.10099	144.0124	3.370624	4.934867
#3	369.2343	2.383100	14.17296	144.5859	3.392300	4.959393

Sample Name: CCV030 Acquired: 6/19/2018 13:35:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.611575	4.751790	4.746246	4.699754	4.788633	4.773108
Stddev	.015604	.021468	.022340	.022079	.009020	.005599
%RSD	.3383710	.4517825	.4706906	.4697959	.1883642	.1172979

#1	4.615890	4.749322	4.769952	4.692260	4.780193	4.778310
#2	4.594267	4.731662	4.725584	4.682397	4.798139	4.767183
#3	4.624568	4.774384	4.743202	4.724604	4.787568	4.773830

Elem	Sr4077
Units	ppm
Avg	4.808228
Stddev	.006963
%RSD	.1448226

#1	4.814588
#2	4.800787
#3	4.809310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.801	1944.148	55640.94	7507.348	3010.767
Stddev	8.497	3.847	101.69	41.482	2.347
%RSD	.4423898	.1978620	.1827583	.5525520	.0779410

#1	1914.212	1939.949	55692.62	7469.937	3010.398
#2	1930.392	1947.501	55523.79	7551.959	3013.277
#3	1917.798	1944.995	55706.40	7500.150	3008.627

Sample Name: CCB030 Acquired: 6/19/2018 13:39:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000371	.0009325	-.000169	.0015621	.0012275	.0034832	-.001332
Stddev	.002824	.0029167	.001794	.0054174	.0010327	.0011416	.000358
%RSD	760.7201	312.7919	1062.796	346.7972	84.13306	32.77605	26.84786

#1	.002575	.0023103	.001878	.0043407	.0002242	.0047619	-.001642
#2	-.000636	.0029051	-.001469	-.004681	.0022873	.0025663	-.000941
#3	-.003053	-.002418	-.000916	.005026	.0011710	.0031213	-.001414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000746	.0000445	.0005019	.0002064	-.000331	.0000955	-.017291
Stddev	.0000360	.0000613	.0221675	.0003013	.000110	.0023382	.011691
%RSD	48.28704	137.8672	4416.936	146.0007	33.08688	2449.054	67.61318

#1	.0000447	.0000055	-.008577	.0001639	-.000212	.0015452	-.024692
#2	.0000646	.0000128	-.015685	-.000071	-.000356	.0013431	-.023368
#3	.0001146	.0001152	.025768	.000527	-.000427	-.002602	-.003813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008938	-.000468	-.000035	.0004640	-.093558	-.005956	-.003627
Stddev	.0005307	.021182	.000235	.0000980	.105317	.001535	.010098
%RSD	59.38231	4527.724	678.4689	21.12354	112.5692	25.76877	278.4393

#1	.0003949	.003988	.000230	.0003587	-.128003	-.007550	.007198
#2	.0008350	.018132	-.000113	.0005526	.024669	-.005828	-.005286
#3	.0014515	-.023524	-.000221	.0004807	-.177339	-.004489	-.012792

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105184	-.001411	.0061731	-.000005	-.018353	-.001310	.0012380
Stddev	.059363	.000667	.0010188	.000096	.003519	.000208	.0012948
%RSD	56.43675	47.25805	16.50430	1835.697	19.17263	15.91295	104.5947

#1	-.121427	-.002167	.0073422	.000101	-.020272	-.001379	-.000151
#2	-.039391	-.001161	.0057031	-.000087	-.014292	-.001075	.002412
#3	-.154735	-.000906	.0054742	-.000029	-.020496	-.001475	.001452

Sample Name: CCB030 Acquired: 6/19/2018 13:39:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008374	-.000386	.0000593
Stddev	.0010278	.000862	.0000155
%RSD	122.7439	223.4630	26.16601

#1	.0003180	-.000720	.0000496
#2	.0020212	-.001030	.0000512
#3	.0001729	.000593	.0000772

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.714	2384.798	63611.74	7987.817	4107.328
Stddev	12.229	17.635	249.15	26.646	22.362
%RSD	.5322075	.7394724	.3916665	.3335782	.5444478

#1	2290.026	2404.744	63465.20	7958.575	4131.280
#2	2291.301	2378.376	63470.60	7994.150	4103.706
#3	2311.815	2371.274	63899.41	8010.725	4086.998

Sample Name: J3399-17 Acquired: 6/19/2018 13:43:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1507909	-.009002	2.028627	.0141740	.0125787	96.11667	1.122163
Stddev	.0049182	.001997	.026651	.0039366	.0004557	.38178	.004426
%RSD	3.261595	22.17988	1.313762	27.77343	3.622765	.3972003	.3943865

#1	.1482364	-.011307	2.000268	.0186466	.0128746	95.80883	1.119028
#2	.1476756	-.007906	2.032456	.0126403	.0120540	95.99731	1.120236
#3	.1564607	-.007794	2.053156	.0112351	.0128076	96.54386	1.127226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077006	.0558699	66.12511	.1415860	.0755779	.5329040	189.3043
Stddev	.0000381	.0007091	.20223	.0012411	.0004724	.0010750	1.1735
%RSD	.4948519	1.269197	.3058299	.8765724	.6250897	.2017314	.6198885

#1	.0076596	.0550593	65.97353	.1429797	.0750324	.5333459	187.9841
#2	.0077072	.0561753	66.04707	.1411781	.0758542	.5336876	189.7000
#3	.0077350	.0563751	66.35473	.1406001	.0758470	.5316784	190.2287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.087185	39.53371	.1121112	.0036939	1.635008	.3990258	1.399551
Stddev	.003500	.30954	.0013361	.0002269	.261512	.0043180	.020306
%RSD	.0687978	.7829864	1.191747	6.142391	15.99455	1.082140	1.450888

#1	5.083823	39.43750	.1106318	.0034932	1.669324	.3948626	1.390880
#2	5.090808	39.28370	.1124720	.0036485	1.358032	.4034836	1.422753
#3	5.086923	39.87994	.1132298	.0039401	1.877668	.3987313	1.385020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.50521	3.428624	.2253094	.0127064	2.976479	10.91748	.0116561
Stddev	.10478	.031997	.0028517	.0002641	.035679	.03127	.0013915
%RSD	.3953228	.9332274	1.265677	2.078147	1.198713	.2864565	11.93827

#1	26.39787	3.392438	.2232571	.0125272	2.935719	10.94885	.0128491
#2	26.51054	3.440259	.2241054	.0130096	2.991665	10.91729	.0119918
#3	26.60723	3.453176	.2285656	.0125823	3.002054	10.88630	.0101274

Sample Name: J3399-17 Acquired: 6/19/2018 13:43:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.855604	.0954750	.3856169
Stddev	.009812	.0005926	.0010545
%RSD	.3436022	.6206997	.2734499

#1	2.847368	.0949777	.3850185
#2	2.852984	.0953166	.3849977
#3	2.866460	.0961307	.3868344

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2426.766	2518.665	68238.65	8880.215	3681.907
Stddev	21.841	21.193	535.98	5.125	34.170
%RSD	.9000159	.8414460	.7854560	.0577092	.9280464

#1	2419.282	2541.767	68019.34	8886.130	3718.256
#2	2409.650	2514.106	67847.10	8877.418	3677.023
#3	2451.365	2500.122	68849.51	8877.098	3650.441

Sample Name: J3399-18 Acquired: 6/19/2018 13:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1438565	-.007615	2.058351	.0119711	.0131745	87.37617	1.113246
Stddev	.0059468	.000552	.020535	.0021070	.0016435	.16795	.001236
%RSD	4.133828	7.251460	.9976271	17.60040	12.47512	.1922165	.1110076

#1	.1427021	-.008253	2.037803	.0142066	.0143990	87.20786	1.113694
#2	.1502959	-.007281	2.058377	.0100219	.0113066	87.54376	1.111849
#3	.1385716	-.007312	2.078872	.0116849	.0138178	87.37687	1.114196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063131	.0528563	115.3602	.1279957	.0627137	.4384747	160.9401
Stddev	.0001024	.0005493	.1500	.0011952	.0002471	.0035315	.6620
%RSD	1.622040	1.039202	.1300087	.9338045	.3939908	.8054059	.4113064

#1	.0061957	.0523879	115.3965	.1266202	.0627673	.4362994	160.4534
#2	.0063840	.0527202	115.1955	.1287813	.0624443	.4365751	161.6938
#3	.0063597	.0534608	115.4888	.1285855	.0629297	.4425494	160.6730

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.240026	40.01616	.0956283	.0032029	1.574512	.3712069	1.075061
Stddev	.005010	.33484	.0013945	.0003278	.047379	.0080256	.010807
%RSD	.1181586	.8367738	1.458247	10.23514	3.009095	2.162031	1.005249

#1	4.240913	39.69828	.0945315	.0034801	1.523830	.3619581	1.068947
#2	4.234632	40.36572	.0951556	.0028411	1.582016	.3763373	1.087539
#3	4.244533	39.98447	.0971977	.0032877	1.617691	.3753252	1.068697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.64286	2.919980	.2043424	.0075962	3.586936	16.29552	.0091847
Stddev	.08207	.028369	.0044154	.0001117	.043290	.04471	.0003106
%RSD	.3624361	.9715407	2.160803	1.470993	1.206872	.2743817	3.381730

#1	22.58531	2.901723	.2004955	.0075812	3.560640	16.28661	.0094398
#2	22.73683	2.905555	.2091636	.0077147	3.563268	16.34402	.0088388
#3	22.60644	2.952663	.2033682	.0074927	3.636900	16.25594	.0092755

Sample Name: J3399-18 Acquired: 6/19/2018 13:47:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.782583	.0920164	.5079333
Stddev	.010579	.0007336	.0005804
%RSD	.3801830	.7972322	.1142607

#1	2.771705	.0915276	.5078502
#2	2.792835	.0928599	.5085507
#3	2.783209	.0916616	.5073989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.757	2472.192	67424.17	8819.638	3682.831
Stddev	6.268	7.309	221.61	23.771	22.771
%RSD	.2609734	.2956664	.3286766	.2695285	.6183002

#1	2405.713	2477.019	67344.76	8837.253	3696.404
#2	2394.530	2475.775	67253.21	8792.599	3695.548
#3	2405.027	2463.782	67674.55	8829.060	3656.542

Sample Name: J3399-19 Acquired: 6/19/2018 13:51:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421068	-.008174	2.020625	.0131815	.0143836	80.80779	.9789556
Stddev	.0016774	.004104	.012565	.0044661	.0011672	.58835	.0076900
%RSD	1.180366	50.20382	.6218524	33.88120	8.114938	.7280847	.7855338

#1	.1403862	-.011153	2.007465	.0085937	.0157070	81.27787	.9817878
#2	.1421967	-.009876	2.021912	.0175149	.0135007	80.99752	.9848279
#3	.1437374	-.003493	2.032497	.0134360	.0139431	80.14799	.9702511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061650	.0526997	118.3134	.1213277	.0607238	.5440789	155.7229
Stddev	.0001174	.0003859	.8942	.0017584	.0005743	.0076785	1.4309
%RSD	1.903483	.7322608	.7558176	1.449272	.9457501	1.411279	.9188998

#1	.0062896	.0522554	118.8493	.1227782	.0602909	.5529138	157.2296
#2	.0061489	.0529513	118.8097	.1193721	.0605052	.5403073	155.5571
#3	.0060566	.0528923	117.2810	.1218329	.0613753	.5390156	154.3822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.472404	38.57243	.0879913	.0067324	1.677743	.3477436	1.455087
Stddev	.032187	.25045	.0006700	.0004999	.068265	.0027961	.035707
%RSD	.7196759	.6493093	.7614108	7.425679	4.068858	.8040787	2.453934

#1	4.495752	38.85367	.0873802	.0067642	1.678596	.3476342	1.492474
#2	4.485773	38.37344	.0878860	.0072157	1.609055	.3450038	1.451447
#3	4.435687	38.49018	.0887076	.0062173	1.745577	.3505928	1.421339

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.77531	4.278938	.2032514	.0075704	4.969923	10.16950	.0102180
Stddev	.16823	.011175	.0031117	.0003769	.019283	.06040	.0004622
%RSD	.8097613	.2611569	1.530940	4.978875	.3880006	.5939420	4.523261

#1	20.85789	4.288110	.2067692	.0071518	4.978300	10.22051	.0106243
#2	20.88630	4.266492	.2021258	.0076764	4.947868	10.18520	.0097152
#3	20.58175	4.282211	.2008592	.0078829	4.983602	10.10280	.0103144

Sample Name: J3399-19 Acquired: 6/19/2018 13:51:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FB5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.305525	.0876454	.5703483
Stddev	.014570	.0018318	.0041012
%RSD	.6319668	2.090012	.7190646

#1	2.321434	.0897390	.5732816
#2	2.302309	.0868593	.5721013
#3	2.292831	.0863378	.5656619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.647	2460.074	67924.75	8788.721	3688.944
Stddev	15.144	14.955	625.20	81.567	19.403
%RSD	.6284744	.6079027	.9204290	.9280860	.5259686

#1	2392.857	2474.037	67286.54	8730.028	3707.763
#2	2422.274	2461.893	68536.07	8754.274	3690.061
#3	2413.810	2444.293	67951.65	8881.860	3669.006

Sample Name: J3399-20 Acquired: 6/19/2018 13:55:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1363575	-.009987	2.167818	.0137185	.0126473	89.95667	1.480451
Stddev	.0050115	.002151	.057623	.0038605	.0010062	.80406	.010670
%RSD	3.675286	21.53462	2.658122	28.14075	7.955754	.8938343	.7207391

#1	.1310715	-.007654	2.113140	.0181424	.0123287	89.48165	1.475106
#2	.1410398	-.010417	2.162321	.0110319	.0118390	89.50332	1.473509
#3	.1369613	-.011890	2.227993	.0119812	.0137743	90.88504	1.492737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064554	.0657717	121.7340	.1313792	.0682331	.6361022	158.0833
Stddev	.0000692	.0018744	.9513	.0023531	.0012162	.0073374	2.1647
%RSD	1.072348	2.849841	.7814606	1.791082	1.782419	1.153495	1.369326

#1	.0063987	.0640400	121.3864	.1328595	.0669126	.6311135	156.8869
#2	.0064350	.0655131	121.0054	.1326122	.0684794	.6326660	156.7809
#3	.0065326	.0677620	122.8102	.1286658	.0693073	.6445272	160.5821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.813605	36.48799	.1037942	.0068660	2.405442	.3445621	2.547663
Stddev	.047300	.44258	.0032706	.0002276	.110960	.0019244	.033395
%RSD	.8136073	1.212950	3.151095	3.314502	4.612863	.5585012	1.310794

#1	5.797104	36.23630	.1007306	.0068529	2.511495	.3432531	2.538505
#2	5.776766	36.22865	.1034136	.0066453	2.290153	.3436615	2.584682
#3	5.866945	36.99902	.1072386	.0070999	2.414678	.3467716	2.519804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.98665	16.76262	.2153032	.0174659	8.305448	11.06524	.0134089
Stddev	.23942	.49791	.0049629	.0007424	.233258	.08154	.0006448
%RSD	.9213070	2.970332	2.305081	4.250702	2.808494	.7369435	4.808785

#1	25.89816	16.35021	.2132175	.0167146	8.104391	11.01282	.0137466
#2	25.80407	16.62191	.2117235	.0174841	8.250764	11.02372	.0138147
#3	26.25771	17.31573	.2209686	.0181991	8.561191	11.15919	.0126654

Sample Name: J3399-20 Acquired: 6/19/2018 13:55:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FB6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.404342	.0870602	.6582260
Stddev	.017993	.0011160	.0056422
%RSD	.7483745	1.281932	.8571879

#1	2.394610	.0858988	.6562111
#2	2.393311	.0871573	.6538678
#3	2.425106	.0881245	.6645991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.709	2459.889	69629.12	8954.794	3593.317
Stddev	27.484	47.477	721.17	74.806	79.392
%RSD	1.117814	1.930035	1.035734	.8353777	2.209442

#1	2457.251	2503.793	69560.59	8979.387	3666.191
#2	2431.984	2466.369	68944.66	9014.207	3605.047
#3	2486.893	2409.506	70382.12	8870.787	3508.712

Sample Name: J3399-21 Acquired: 6/19/2018 13:59:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1355118	-.011706	2.101694	.0141406	.0133825	90.00483	1.482655
Stddev	.0011909	.004289	.006006	.0021661	.0015453	.42359	.004582
%RSD	.8788494	36.63708	.2857456	15.31854	11.54678	.4706250	.3090159

#1	.1345083	-.010292	2.106417	.0155184	.0151565	89.85696	1.485932
#2	.1351994	-.008303	2.103729	.0116438	.0126611	89.67499	1.477420
#3	.1368279	-.016524	2.094935	.0152595	.0123299	90.48252	1.484613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064612	.0633460	121.5191	.1321219	.0655964	.6357031	157.5992
Stddev	.0001187	.0002989	.2447	.0005047	.0004906	.0034973	1.1118
%RSD	1.836310	.4718693	.2013688	.3820012	.7479343	.5501451	.7054468

#1	.0063441	.0634739	121.7867	.1326735	.0658588	.6317345	156.6939
#2	.0064582	.0635596	121.3068	.1316831	.0659000	.6370406	157.2636
#3	.0065813	.0630044	121.4637	.1320093	.0650303	.6383343	158.8401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.806628	36.42001	.1008624	.0072825	2.309948	.3421141	2.564282
Stddev	.011067	.23598	.0000907	.0004465	.079697	.0050013	.002611
%RSD	.1906011	.6479324	.0899726	6.131483	3.450145	1.461894	.1018136

#1	5.817097	36.38462	.1009671	.0076287	2.251143	.3476400	2.564092
#2	5.807740	36.20373	.1008065	.0067785	2.278048	.3378980	2.561772
#3	5.795046	36.67168	.1008135	.0074402	2.400653	.3408044	2.566983

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.91461	16.27315	.2109315	.0169976	8.050598	11.01835	.0111993
Stddev	.13371	.09004	.0034079	.0004692	.035827	.04012	.0007656
%RSD	.5159726	.5533154	1.615640	2.760141	.4450196	.3641585	6.836340

#1	25.80279	16.27327	.2081105	.0172634	8.060628	10.97358	.0104816
#2	25.87832	16.18305	.2099659	.0172734	8.010825	11.05107	.0120052
#3	26.06272	16.36313	.2147180	.0164559	8.080340	11.03039	.0111112

Sample Name: J3399-21 Acquired: 6/19/2018 13:59:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.407089	.0876832	.6566327
Stddev	.012777	.0003675	.0021746
%RSD	.5307878	.4191679	.3311726

#1	2.397549	.0879012	.6563613
#2	2.402114	.0872589	.6546065
#3	2.421605	.0878897	.6589302

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.066	2482.949	69127.55	8945.428	3653.335
Stddev	3.515	26.103	127.92	24.185	30.337
%RSD	.1442250	1.051271	.1850453	.2703587	.8304034

#1	2440.917	2504.261	69139.89	8971.583	3682.946
#2	2434.031	2490.750	68993.91	8923.875	3654.739
#3	2436.250	2453.835	69248.85	8940.825	3622.320

Sample Name: J3399-22 Acquired: 6/19/2018 14:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2047303	.0889216	2.114567	.1033466	.1890909	92.55142	5.357335
Stddev	.0060078	.0038680	.011572	.0024292	.0014106	.27911	.004762
%RSD	2.934471	4.349887	.5472414	2.350564	.7459815	.3015709	.0888891

#1	.2115190	.0871899	2.121229	.1060269	.1904455	92.52228	5.362084
#2	.2000999	.0862221	2.101205	.1027227	.1876303	92.28803	5.357363
#3	.2025719	.0933529	2.121267	.1012901	.1891969	92.84396	5.352560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006324	.1635703	119.8670	.5161029	1.082171	1.104131	157.5340
Stddev	.0011551	.0006887	.3299	.0032840	.008434	.004582	1.0753
%RSD	1.147831	.4210292	.2752484	.6363040	.7793531	.4149840	.6825713

#1	.1008488	.1636444	120.2479	.5159859	1.084961	1.109183	157.8290
#2	.0993843	.1628476	119.6686	.5128789	1.072696	1.100244	156.3420
#3	.1016639	.1642189	119.6846	.5194438	1.088856	1.102967	158.4310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.720430	35.73032	1.135172	.0889805	2.478915	1.336927	3.404777
Stddev	.018674	.26947	.007099	.0003509	.082636	.006462	.037832
%RSD	.2778719	.7541880	.6253542	.3943700	3.333575	.4833134	1.111139

#1	6.741831	35.77987	1.137190	.0892540	2.574299	1.336959	3.366212
#2	6.707442	35.43951	1.127283	.0885848	2.433529	1.330450	3.441830
#3	6.712017	35.97158	1.141043	.0891027	2.428919	1.343373	3.406290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.65104	16.34364	.2064499	.0171888	8.059686	10.99673	.0120807
Stddev	.07616	.15129	.0024759	.0002470	.086671	.08906	.0006289
%RSD	.2969160	.9257101	1.199255	1.437106	1.075363	.8098716	5.205478

#1	25.72943	16.45129	.2079271	.0169938	8.085906	11.03714	.0127525
#2	25.64636	16.17065	.2035916	.0171060	7.962933	10.89463	.0115061
#3	25.57733	16.40897	.2078310	.0174666	8.130220	11.05843	.0119836

Sample Name: J3399-22 Acquired: 6/19/2018 14:03:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.371071	.0870833	.6492055
Stddev	.007535	.0010969	.0003873
%RSD	.3177782	1.259576	.0596528

#1	2.371183	.0858244	.6493545
#2	2.363481	.0878337	.6494962
#3	2.378549	.0875916	.6487659

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.504	2494.099	68477.55	8877.671	3658.581
Stddev	15.716	13.621	301.35	51.400	23.530
%RSD	.6492994	.5461203	.4400744	.5789863	.6431376

#1	2432.102	2481.788	68728.63	8849.750	3645.987
#2	2402.617	2508.731	68560.64	8936.989	3685.727
#3	2426.794	2491.777	68143.36	8846.273	3644.028

Sample Name: J3399-20LX5 Acquired: 6/19/2018 14:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306600	-.001989	.3829218	.0055801	.0025042	17.64272	.2903092
Stddev	.0024842	.001707	.0003168	.0020138	.0015355	.06802	.0010319
%RSD	8.102302	85.82483	.0827401	36.08927	61.31457	.3855539	.3554491

#1	.0332346	-.001829	.3831814	.0050346	.0017066	17.62656	.2909688
#2	.0304679	-.003770	.3825688	.0078104	.0015318	17.71737	.2908389
#3	.0282775	-.000367	.3830154	.0038952	.0042744	17.58423	.2891200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012908	.0113622	24.04420	.0286329	.0111923	.1256602	31.73194
Stddev	.0000718	.0000744	.09958	.0006766	.0001368	.0020316	.17310
%RSD	5.562783	.6543421	.4141446	2.363013	1.222265	1.616775	.5455028

#1	.0012340	.0113435	23.96992	.0287108	.0113487	.1235262	31.53660
#2	.0012668	.0112989	24.15735	.0279207	.0111327	.1275710	31.86629
#3	.0013715	.0114440	24.00532	.0292672	.0110953	.1258836	31.79294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.164851	7.164983	.0185583	.0019939	.3813690	.0662857	.5005637
Stddev	.002576	.042394	.0001590	.0003156	.0622867	.0011667	.0192181
%RSD	.2211260	.5916886	.8567785	15.82889	16.33239	1.760163	3.839283

#1	1.164009	7.145550	.0187346	.0016839	.4294340	.0675360	.4899450
#2	1.167742	7.213611	.0185147	.0019829	.4036719	.0652260	.4889980
#3	1.162801	7.135789	.0184257	.0023148	.3110014	.0660951	.5227481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.995074	2.985620	.0426554	.0034033	1.410316	2.254612	.0026968
Stddev	.025855	.002783	.0013129	.0001200	.008265	.016288	.0010258
%RSD	.5176117	.0931991	3.077807	3.526979	.5860280	.7224486	38.03608

#1	5.016649	2.985326	.0413553	.0032867	1.419745	2.237994	.0036464
#2	4.966415	2.982996	.0439806	.0035265	1.406873	2.255291	.0028349
#3	5.002158	2.988538	.0426304	.0033967	1.404329	2.270550	.0016090

Sample Name: J3399-20LX5 Acquired: 6/19/2018 14:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4718313	.0157388	.1291909
Stddev	.0029685	.0015121	.0004847
%RSD	.6291514	9.607233	.3752012

#1	.4697191	.0163698	.1292250
#2	.4752253	.0168331	.1296576
#3	.4705493	.0140134	.1286900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.749	2387.685	63777.84	8223.017	3972.583
Stddev	58.156	3.388	1269.60	23.306	3.420
%RSD	2.550973	.1419098	1.990656	.2834269	.0861021

#1	2307.025	2383.775	64498.30	8220.450	3968.651
#2	2319.253	2389.510	64523.30	8201.100	3974.872
#3	2212.968	2389.770	62311.90	8247.500	3974.226

Sample Name: PB110200BL Acquired: 6/19/2018 14:11:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002359	-.001797	.0006109	.0004354	.0012433	.0026126	.0006253
Stddev	.001311	.001040	.0019569	.0008429	.0013625	.0022203	.0039090
%RSD	55.58892	57.88467	320.3360	193.5963	109.5885	84.98186	625.1343

#1	-.001983	-.002992	.0002536	.0001076	.0020548	.0017463	.0051367
#2	-.003817	-.001097	.0027219	.0013930	-.000330	.0051354	-.001504
#3	-.001277	-.001302	-.001143	-.000194	.002005	.0009561	-.001757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000133	.0000385	.0006302	.0003183	-.000013	.0010337	-.017293
Stddev	.0001363	.0000883	.0109080	.0003372	.000052	.0030967	.012316
%RSD	1022.985	229.1637	1730.743	105.9271	390.1625	299.5884	71.22385

#1	.0001649	-.000048	-.011918	-.000060	-.000064	-.000451	-.027606
#2	-.000026	.000034	.007850	.000587	-.000016	-.001041	-.003656
#3	-.000099	.000129	.005959	.000428	.000040	.004593	-.020616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005324	-.000477	-.000184	.0002342	-.051040	.0000481	-.007922
Stddev	.0002165	.025181	.000244	.0004085	.128566	.0026216	.006528
%RSD	40.66482	5281.968	132.6932	174.3891	251.8899	5454.223	82.40191

#1	.0003757	.010606	-.000312	.0005545	.068188	.0022595	-.007975
#2	.0007795	-.029298	.000098	.0003740	-.187254	-.002848	-.014423
#3	.0004421	.017261	-.000338	-.000226	-.034055	.000733	-.001367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.549074	-.001796	.0006519	-.000183	-.011371	-.003097	.0004195
Stddev	.557348	.001183	.0009533	.000291	.003626	.002613	.0009895
%RSD	101.5070	65.88168	146.2450	158.9219	31.88732	84.35223	235.8605

#1	-1.18729	-.002749	-.000442	.000105	-.008585	-.006110	.0014984
#2	-.30172	-.000472	.001089	-.000178	-.015471	-.001457	-.000446
#3	-.15822	-.002167	.001308	-.000476	-.010058	-.001725	.000206

Sample Name: PB110200BL Acquired: 6/19/2018 14:11:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000496	-.001494	.0000118
Stddev	.0011405	.000398	.0000395
%RSD	2300.426	26.65353	333.6093

#1	-.001172	-.001713	.0000450
#2	.001086	-.001034	-.000032
#3	.000235	-.001733	.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.221	2361.901	63507.67	10581.39	4080.525
Stddev	19.573	1.099	74.67	4451.74	.836
%RSD	.8625612	.0465389	.1175736	42.07135	.0204807

#1	2252.074	2361.412	63587.10	15721.61	4080.862
#2	2290.546	2363.159	63438.91	8051.50	4079.574
#3	2265.043	2361.130	63497.01	7971.07	4081.140

Sample Name: PB110200BS Acquired: 6/19/2018 14:15:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200302	.0483291	.0188067	.0646166	.1091686	.3985775
Stddev	.0052444	.0023453	.0004581	.0015685	.0002797	.0057887
%RSD	26.18222	4.852785	2.435814	2.427398	.2561895	1.452336

#1	.0242249	.0506800	.0185761	.0642649	.1093844	.4050444
#2	.0141505	.0459894	.0185098	.0632538	.1088526	.3968081
#3	.0217154	.0483180	.0193343	.0663311	.1092689	.3938800

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3792320	.0097902	.0092430	9.488075	.0203547	.0875955
Stddev	.0008806	.0000871	.0000618	.025388	.0005987	.0001544
%RSD	.2322190	.8896167	.6690932	.2675796	2.941199	.1762469

#1	.3792524	.0098642	.0093138	9.463417	.0208887	.0874654
#2	.3783413	.0096942	.0091999	9.486673	.0197075	.0877661
#3	.3801022	.0098121	.0092152	9.514135	.0204679	.0875551

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478897	.2020658	.0315172	9.151555	.0749125	.0172869
Stddev	.0043181	.0063277	.0011772	.090191	.0006405	.0002445
%RSD	9.016869	3.131483	3.735241	.9855247	.8550123	1.414522

#1	.0528591	.2060994	.0318853	9.206325	.0750348	.0172999
#2	.0457589	.2053252	.0301999	9.200881	.0754830	.0170361
#3	.0450511	.1947730	.0324664	9.047459	.0742196	.0175247

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.082379	.0986240	.1072345	9.061306	F .0120261	F .0192916
Stddev	.137616	.0028797	.0075615	.116213	.0005022	.0006597
%RSD	1.515199	2.919835	7.051355	1.282519	4.175737	3.419782

#1	8.931865	.0991049	.1003458	9.158977	.0125940	.0197648
#2	9.201765	.1012329	.1060329	8.932779	.0118435	.0195720
#3	9.113506	.0955342	.1153248	9.092161	.0116407	.0185380

Sample Name: PB110200BS Acquired: 6/19/2018 14:15:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183643	.1390543	.1847682	F .0127306	.1887463	.0893238
Stddev	.0001625	.0033536	.0032106	.0015317	.0012227	.0004477
%RSD	.8846626	2.411699	1.737656	12.03171	.6478096	.5011689

#1	.0184489	.1354179	.1881054	.0120153	.1897351	.0888278
#2	.0184669	.1420252	.1817012	.0144891	.1873791	.0896979
#3	.0181770	.1397197	.1844982	.0116875	.1891247	.0894457

Elem	Sr4077
Units	ppm
Avg	.1901316
Stddev	.0005273
%RSD	.2773089

#1	.1904573
#2	.1895233
#3	.1904143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.488	2358.229	63887.66	7995.247	4047.313
Stddev	55.168	10.107	1256.46	58.207	23.760
%RSD	2.401223	.4285838	1.966673	.7280155	.5870560

#1	2260.119	2351.174	62841.20	7938.807	4044.057
#2	2360.851	2353.706	65281.17	7991.860	4025.349
#3	2271.493	2369.808	63540.62	8055.073	4072.533

Sample Name: J3400-01 Acquired: 6/19/2018 14:19:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1412476	-.012290	1.436179	.0147782	.0129890	100.5359	1.384066
Stddev	.0077026	.004939	.047010	.0035077	.0031651	2.6151	.036287
%RSD	5.453242	40.19116	3.273299	23.73526	24.36758	2.601189	2.621793

#1	.1385017	-.013595	1.464188	.0121703	.0152101	98.4988	1.357785
#2	.1499469	-.016445	1.462442	.0133984	.0143919	99.6240	1.368944
#3	.1352943	-.006829	1.381905	.0187660	.0093649	103.4849	1.425469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069505	.0459238	303.1277	.1620605	.0730226	.7099466	189.6665
Stddev	.0001908	.0017751	8.2521	.0027248	.0021381	.0222433	5.3457
%RSD	2.744619	3.865215	2.722302	1.681344	2.928017	3.133090	2.818462

#1	.0069167	.0468959	297.3196	.1591865	.0745162	.6948747	184.9719
#2	.0067790	.0470004	299.4899	.1623887	.0739784	.6994716	188.5429
#3	.0071560	.0438750	312.5736	.1646064	.0705734	.7354934	195.4846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.158696	60.61451	.1191063	.0035698	4.360774	.4722302	1.690194
Stddev	.121834	1.53681	.0024448	.0001531	.067889	.0129716	.041117
%RSD	2.929612	2.535391	2.052610	4.289491	1.556800	2.746888	2.432667

#1	4.077590	59.37753	.1202051	.0037020	4.387603	.4573302	1.651617
#2	4.099702	60.13108	.1208089	.0034020	4.283570	.4783545	1.685515
#3	4.298797	62.33491	.1163049	.0036055	4.411148	.4810057	1.733450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.57817	5.819638	.2500093	.0082539	10.27814	18.35753	.0128876
Stddev	.71903	.166950	.0095293	.0001809	.25381	.52114	.0004292
%RSD	2.705350	2.868730	3.811566	2.192018	2.469426	2.838829	3.330241

#1	26.00153	5.921217	.2416046	.0084449	10.41865	17.96514	.0132088
#2	26.34917	5.910741	.2480612	.0080851	10.43062	18.15861	.0130538
#3	27.38381	5.626956	.2603621	.0082317	9.98515	18.94883	.0124001

Sample Name: J3400-01 Acquired: 6/19/2018 14:19:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.352655	.1196784	.9234052
Stddev	.091395	.0038942	.0247846
%RSD	2.726056	3.253913	2.684040

#1	3.280021	.1173307	.9053948
#2	3.322667	.1175309	.9131492
#3	3.455277	.1241736	.9516716

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.037	2410.756	66510.84	8608.433	3520.349
Stddev	39.226	61.575	855.10	202.937	97.271
%RSD	1.667022	2.554173	1.285649	2.357421	2.763120

#1	2394.117	2381.293	67367.13	8765.413	3470.775
#2	2349.017	2369.448	66508.46	8680.614	3457.852
#3	2315.976	2481.527	65656.94	8379.273	3632.420

Sample Name: J3400-02 Acquired: 6/19/2018 14:23:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918264	-.008046	.8625337	.0061644	.0085516	76.54251	1.430104
Stddev	.0039650	.001526	.0099257	.0011930	.0005003	.12219	.005195
%RSD	4.317915	18.96143	1.150765	19.35269	5.850888	.1596414	.3632527

#1	.0920333	-.006719	.8516098	.0059975	.0088788	76.43063	1.424105
#2	.0877620	-.009713	.8709992	.0074320	.0079756	76.52399	1.433077
#3	.0956839	-.007707	.8649919	.0050636	.0088004	76.67291	1.433129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052595	.0234657	301.7777	.3135295	.0593463	.6406856	150.7535
Stddev	.0001017	.0005549	.9072	.0013299	.0007430	.0022276	.1608
%RSD	1.933125	2.364912	.3006149	.4241803	1.251965	.3476856	.1066390

#1	.0052681	.0228546	300.7560	.3139125	.0585319	.6387596	150.7682
#2	.0051538	.0239381	302.0885	.3120501	.0599872	.6431251	150.5858
#3	.0053566	.0236044	302.4887	.3146259	.0595197	.6401720	150.9063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.210978	47.14044	.1317643	.0017105	2.435918	.3614323	.9874217
Stddev	.007634	.18242	.0016042	.0001277	.127027	.0075763	.0141042
%RSD	.2377451	.3869624	1.217451	7.465051	5.214739	2.096183	1.428389

#1	3.203235	47.05364	.1300248	.0015659	2.320990	.3526928	.9826849
#2	3.218498	47.01763	.1331855	.0017578	2.572309	.3661411	1.003285
#3	3.211200	47.35005	.1320825	.0018078	2.414455	.3654632	.976296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.71101	3.118060	.1823360	.0081919	7.575493	18.20099	.0104194
Stddev	.16369	.059198	.0015111	.0001404	.125966	.07554	.0011498
%RSD	.7903749	1.898539	.8287262	1.714374	1.662815	.4150473	11.03494

#1	20.54500	3.052197	.1840381	.0080395	7.430308	18.27636	.0108899
#2	20.87228	3.166831	.1811527	.0083162	7.655735	18.12528	.0112593
#3	20.71576	3.135153	.1818172	.0082200	7.640435	18.20135	.0091090

Sample Name: J3400-02 Acquired: 6/19/2018 14:23:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FB8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.337340	.0984216	.6692512
Stddev	.007308	.0012130	.0023331
%RSD	.3126635	1.232439	.3486133

#1	2.329013	.0971494	.6667927
#2	2.342689	.0995652	.6714345
#3	2.340318	.0985503	.6695264

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.454	2354.779	65231.56	8613.342	3536.253
Stddev	18.941	26.733	275.25	24.324	48.596
%RSD	.8269476	1.135271	.4219619	.2824011	1.374233

#1	2310.781	2384.113	65539.86	8641.401	3589.292
#2	2273.300	2331.788	65010.49	8598.216	3493.866
#3	2287.280	2348.436	65144.33	8600.410	3525.600

Sample Name: J3400-03 Acquired: 6/19/2018 14:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4879050	-.002172	11.30532	.0153275	.0515586	92.36445	1.221288
Stddev	.0173474	.001311	.31227	.0035232	.0010192	.75038	.003182
%RSD	3.555477	60.34478	2.762112	22.98620	1.976721	.8124175	.2605717

#1	.5071329	-.000659	11.66393	.0169515	.0527039	92.91480	1.223720
#2	.4831537	-.002952	11.09345	.0177459	.0512201	91.50969	1.217686
#3	.4734284	-.002906	11.15858	.0112852	.0507518	92.66886	1.222458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067267	.1822827	77.47485	.1933015	.0806244	2.354916	185.5095
Stddev	.0001154	.0052666	.19025	.0009128	.0023659	.018254	2.4202
%RSD	1.715465	2.889272	.2455585	.4721942	2.934476	.7751631	1.304627

#1	.0068477	.1883582	77.67889	.1933573	.0833229	2.372112	187.8732
#2	.0066178	.1790135	77.30234	.1941850	.0789063	2.335761	183.0365
#3	.0067146	.1794764	77.44331	.1923621	.0796440	2.356874	185.6188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.644889	46.86905	.1386309	.0433135	5.152699	.4208133	3.326026
Stddev	.013190	.64006	.0033022	.0006013	.102944	.0040182	.025046
%RSD	.2839678	1.365633	2.382011	1.388202	1.997858	.9548673	.7530397

#1	4.655311	47.52811	.1424353	.0439114	5.088535	.4241303	3.326327
#2	4.630059	46.24986	.1365067	.0427089	5.098123	.4163452	3.300830
#3	4.649296	46.82918	.1369506	.0433203	5.271439	.4219645	3.350920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.04508	4.634507	.2260845	.0087708	4.968990	20.23508	.0365487
Stddev	.15093	.119628	.0052396	.0004060	.131445	.19022	.0029374
%RSD	.5023301	2.581248	2.317530	4.628992	2.645304	.9400677	8.036861

#1	30.12973	4.770295	.2311474	.0090532	5.119880	20.43668	.0392497
#2	29.87083	4.544657	.2206845	.0083055	4.879336	20.05875	.0369748
#3	30.13468	4.588569	.2264216	.0089536	4.907754	20.20982	.0334215

Sample Name: J3400-03 Acquired: 6/19/2018 14:27:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.491467	.1116543	.3410755
Stddev	.034104	.0005047	.0016740
%RSD	.7593138	.4519776	.4907944

#1	4.517351	.1122184	.3425208
#2	4.452823	.1114989	.3392413
#3	4.504229	.1112457	.3414643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2434.658	2453.013	68669.96	8922.145	3651.629
Stddev	1.769	49.320	127.87	67.489	81.937
%RSD	.0726487	2.010596	.1862068	.7564231	2.243843

#1	2432.786	2396.681	68546.86	8855.811	3557.532
#2	2436.302	2488.425	68802.12	8990.733	3707.219
#3	2434.884	2473.934	68660.90	8919.891	3690.136

Sample Name: J3400-04 Acquired: 6/19/2018 14:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1580430	-.009805	2.115157	.0105537	.0154640	88.20440	1.160408
Stddev	.0033122	.005433	.007772	.0003942	.0003371	.34633	.004464
%RSD	2.095749	55.41109	.3674281	3.734752	2.179978	.3926451	.3847177

#1	.1600336	-.016003	2.120512	.0103997	.0152400	88.60350	1.163492
#2	.1542195	-.005868	2.106243	.0110017	.0158517	87.98288	1.162443
#3	.1598760	-.007543	2.118716	.0102599	.0153003	88.02681	1.155288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065527	.0608552	116.7513	.1614190	.0718425	.5750432	184.6939
Stddev	.0000533	.0003606	.4885	.0007049	.0005105	.0021410	.6715
%RSD	.8128666	.5926066	.4184151	.4367104	.7105320	.3723260	.3635556

#1	.0065433	.0611854	117.2023	.1611244	.0716998	.5752540	185.4525
#2	.0066101	.0604703	116.8193	.1622234	.0714185	.5770710	184.1760
#3	.0065048	.0609098	116.2324	.1609090	.0724091	.5728045	184.4532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976971	51.72647	.1092674	.0064249	1.504317	.4012571	1.811594
Stddev	.020957	.31381	.0005066	.0004284	.025860	.0037200	.015371
%RSD	.4210742	.6066729	.4635907	6.667766	1.719026	.9270759	.8485061

#1	4.990658	52.07976	.1098133	.0068663	1.524302	.3981225	1.821118
#2	4.987411	51.48006	.1091761	.0060107	1.475111	.4002810	1.793861
#3	4.952845	51.61958	.1088126	.0063978	1.513538	.4053678	1.819804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.78074	3.987113	.2112994	.0106182	5.406301	19.82880	.0138456
Stddev	.07813	.010351	.0030824	.0003008	.025690	.09154	.0012216
%RSD	.3030462	.2595995	1.458785	2.832494	.4751874	.4616768	8.822910

#1	25.85216	3.999019	.2140721	.0107632	5.435438	19.90673	.0136458
#2	25.79277	3.982060	.2079804	.0102724	5.396557	19.72798	.0127362
#3	25.69730	3.980259	.2118458	.0108189	5.386909	19.85169	.0151547

Sample Name: J3400-04 Acquired: 6/19/2018 14:31:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FZ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.037088	.1034797	.3950852
Stddev	.014229	.0011925	.0014889
%RSD	.4685057	1.152425	.3768584

#1	3.053510	.1048215	.3965558
#2	3.028428	.1030768	.3951210
#3	3.029325	.1025408	.3935786

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.083	2429.401	66631.74	8699.147	3628.597
Stddev	6.042	10.972	188.44	53.213	14.674
%RSD	.2590846	.4516204	.2828133	.6117001	.4043949

#1	2326.092	2417.624	66483.49	8644.691	3613.363
#2	2331.980	2439.333	66567.93	8751.022	3642.638
#3	2338.175	2431.245	66843.81	8701.729	3629.791

Sample Name: J3400-05 Acquired: 6/19/2018 14:35:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1951981	-.012166	1.617659	.0131657	.0113429	106.3569	1.376462
Stddev	.0021055	.002237	.015507	.0013615	.0009698	.1680	.002738
%RSD	1.078652	18.38497	.9586120	10.34107	8.550160	.1579594	.1989282

#1	.1956077	-.009865	1.611790	.0137860	.0105486	106.1647	1.374327
#2	.1970687	-.014332	1.605943	.0141065	.0124237	106.4758	1.379549
#3	.1929179	-.012299	1.635244	.0116045	.0110563	106.4301	1.375509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077321	.0437377	174.8299	.1589413	.0845643	.4544633	213.4969
Stddev	.0000638	.0004877	.2616	.0013210	.0010184	.0016430	1.0830
%RSD	.8258095	1.115158	.1496571	.8311073	1.204275	.3615173	.5072853

#1	.0078008	.0431829	174.5700	.1603084	.0835525	.4544570	212.9065
#2	.0077208	.0439306	175.0933	.1588437	.0845513	.4528235	212.8373
#3	.0076746	.0440994	174.8265	.1576719	.0855892	.4561094	214.7468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.691394	56.55721	.1239114	.0024725	2.074160	.4593790	1.092316
Stddev	.001434	.32244	.0006055	.0002442	.098195	.0076081	.012775
%RSD	.0305595	.5701076	.4886830	9.878068	4.734202	1.656170	1.169503

#1	4.691226	56.43405	.1237590	.0023891	1.966998	.4677260	1.101950
#2	4.690051	56.31450	.1245786	.0027475	2.095654	.4575780	1.077825
#3	4.692904	56.92307	.1233967	.0022809	2.159827	.4528330	1.097172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.34163	4.845732	.2276680	.0059870	3.040071	16.61059	.0093301
Stddev	.09611	.028358	.0044115	.0001733	.015344	.00991	.0014316
%RSD	.3648438	.5852153	1.937686	2.894036	.5047218	.0596850	15.34403

#1	26.33082	4.814816	.2263704	.0058736	3.022879	16.60208	.0082964
#2	26.25138	4.851846	.2240509	.0059010	3.044961	16.62148	.0109641
#3	26.44268	4.870534	.2325828	.0061864	3.052375	16.60821	.0087297

Sample Name: J3400-05 Acquired: 6/19/2018 14:35:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FZ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.116977	.1262906	.4944487
Stddev	.003528	.0009407	.0000566
%RSD	.1131823	.7448684	.0114442

#1	3.112999	.1262535	.4943919
#2	3.118205	.1272493	.4944492
#3	3.119726	.1253690	.4945051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.864	2469.671	67634.46	8874.314	3611.332
Stddev	3.426	9.135	131.71	7.526	15.281
%RSD	.1433755	.3698982	.1947364	.0848048	.4231514

#1	2388.592	2478.637	67635.80	8881.445	3625.516
#2	2393.745	2469.999	67765.50	8875.050	3613.329
#3	2387.256	2460.376	67502.09	8866.447	3595.150

Sample Name: J3400-06 Acquired: 6/19/2018 14:39:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1134711	-.020121	.5320179	.0113896	.0056276	120.2746	1.210840
Stddev	.0017220	.002209	.0073540	.0077506	.0024729	.9694	.009481
%RSD	1.517591	10.97873	1.382290	68.05020	43.94346	.8059970	.7830195

#1	.1139615	-.020403	.5253551	.0165079	.0082754	119.5462	1.205534
#2	.1115571	-.022176	.5307899	.0151884	.0033778	119.9027	1.205200
#3	.1148947	-.017785	.5399086	.0024724	.0052294	121.3749	1.221786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090552	.0161348	103.3081	.1699465	.0964637	.4298539	218.6899
Stddev	.0001059	.0001007	.8050	.0077837	.0002152	.0011959	2.8215
%RSD	1.169475	.6239090	.7791788	4.580069	.2231317	.2782015	1.290188

#1	.0090098	.0162201	102.5568	.1645539	.0964325	.4303310	216.6066
#2	.0089795	.0161605	103.2098	.1788698	.0962658	.4284931	217.5623
#3	.0091762	.0160237	104.1577	.1664158	.0966929	.4307375	221.9008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.116281	72.05990	.1255413	-.003616	1.902514	.4525732	1.161381
Stddev	.039003	.82501	.0011981	.000740	.179067	.0092484	.040866
%RSD	.7623373	1.144889	.9543467	20.44888	9.412137	2.043505	3.518762

#1	5.079360	71.32340	.1248863	-.003386	1.985541	.4482000	1.142027
#2	5.112407	71.90488	.1248135	-.004444	2.024996	.4463224	1.208329
#3	5.157077	72.95142	.1269241	-.003019	1.697003	.4631971	1.133787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.96352	3.877029	.2365129	.0081197	2.709701	16.59920	.0151688
Stddev	.43421	.022567	.0041151	.0005192	.014267	.28889	.0010023
%RSD	1.207356	.5820598	1.739916	6.394197	.5264992	1.740361	6.607655

#1	35.66781	3.851399	.2324139	.0081347	2.693971	16.57220	.0163165
#2	35.76073	3.893915	.2406439	.0075932	2.713331	16.32476	.0144658
#3	36.46202	3.885773	.2364809	.0086312	2.721803	16.90064	.0147241

Sample Name: J3400-06 Acquired: 6/19/2018 14:39:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FZ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.547017	.1518445	.4553762
Stddev	.049563	.0006715	.0032357
%RSD	.7570333	.4422345	.7105552

#1	6.501112	.1512198	.4529197
#2	6.540372	.1517591	.4541663
#3	6.599568	.1525546	.4590425

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.003	2541.383	68140.24	9265.353	3560.934
Stddev	76.992	11.511	2746.04	78.634	15.061
%RSD	3.168399	.4529245	4.029989	.8486877	.4229516

#1	2489.301	2554.291	70006.66	9339.784	3577.271
#2	2342.990	2537.676	64987.10	9273.176	3557.927
#3	2457.719	2532.184	69426.97	9183.101	3547.603

Sample Name: J3400-07 Acquired: 6/19/2018 14:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3074101	-.016962	2.520171	.0133404	.0150107	108.8505	1.484457
Stddev	.0006840	.000939	.022278	.0009312	.0024877	.5755	.008274
%RSD	.2224872	5.533803	.8839875	6.980058	16.57321	.5287223	.5574032

#1	.3074106	-.015884	2.537073	.0143330	.0163398	109.0910	1.489148
#2	.3067260	-.017410	2.528515	.0124862	.0121406	109.2668	1.489319
#3	.3080938	-.017594	2.494926	.0132019	.0165516	108.1937	1.474903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083530	.0823362	103.4173	.1934914	.0930191	.5644727	225.2128
Stddev	.0000313	.0006434	.6606	.0002642	.0008611	.0040298	1.1951
%RSD	.3745414	.7814063	.6387561	.1365601	.9257539	.7139136	.5306357

#1	.0083854	.0828779	104.0345	.1937899	.0935234	.5655707	225.8381
#2	.0083229	.0825057	103.4968	.1933968	.0935091	.5678397	225.9655
#3	.0083507	.0816251	102.7206	.1932876	.0920248	.5600076	223.8348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.158617	49.14399	.1422181	.0039234	1.549280	.4982763	1.592784
Stddev	.032741	.43034	.0008814	.0005684	.092627	.0015886	.035182
%RSD	.6346923	.8756667	.6197179	14.48787	5.978724	.3188253	2.208846

#1	5.178082	49.51200	.1430622	.0041452	1.480208	.4973811	1.560455
#2	5.176952	49.24916	.1422884	.0043475	1.513094	.5001105	1.630254
#3	5.120816	48.67082	.1413037	.0032775	1.654538	.4973372	1.587644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.63129	4.428522	.2424550	.0079915	3.554858	19.99314	.0137990
Stddev	.13054	.046729	.0037323	.0000693	.037130	.18864	.0001956
%RSD	.4261527	1.055184	1.539385	.8676735	1.044481	.9435469	1.417323

#1	30.62957	4.444160	.2408188	.0080232	3.540068	20.20169	.0140174
#2	30.76267	4.465427	.2467260	.0080392	3.597104	19.83440	.0137398
#3	30.50162	4.375980	.2398203	.0079119	3.527402	19.94331	.0136399

Sample Name: J3400-07 Acquired: 6/19/2018 14:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.036826	.1124905	.3860638
Stddev	.017122	.0005257	.0018641
%RSD	.5637980	.4673739	.4828440

#1	3.035062	.1118885	.3859247
#2	3.054761	.1127239	.3879935
#3	3.020654	.1128592	.3842731

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2485.764	2507.689	70117.45	9206.580	3619.699
Stddev	12.634	13.753	133.82	82.201	25.211
%RSD	.5082501	.5484213	.1908506	.8928498	.6964810

#1	2492.253	2496.119	70148.74	9112.635	3598.188
#2	2471.204	2504.054	69970.75	9241.821	3613.468
#3	2493.834	2522.894	70232.85	9265.285	3647.440

Sample Name: J3400-08 Acquired: 6/19/2018 14:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0FZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2526575	-.013502	1.994053	.0106080	.0111626	117.1505	1.819999
Stddev	.0018890	.006287	.017892	.0023311	.0026257	2.2105	.029172
%RSD	.7476407	46.56366	.8972741	21.97478	23.52227	1.886902	1.602847

#1	.2524731	-.009153	2.014139	.0084763	.0135008	114.7079	1.788448
#2	.2546320	-.010642	1.988196	.0130972	.0116650	119.0136	1.845993
#3	.2508675	-.020710	1.979823	.0102505	.0083220	117.7299	1.825555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092070	.0472316	187.9502	.1544320	.1160826	.5504750	210.1156
Stddev	.0001816	.0006122	3.1249	.0019263	.0009919	.0090676	4.0156
%RSD	1.972795	1.296250	1.662641	1.247321	.8544901	1.647227	1.911136

#1	.0089991	.0478729	184.4050	.1566562	.1169620	.5412477	205.4852
#2	.0092872	.0466532	190.3048	.1533286	.1150074	.5593740	212.2194
#3	.0093348	.0471687	189.1409	.1533111	.1162786	.5508034	212.6421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.552296	65.69978	.1510836	.0044053	2.855893	.4188646	1.314708
Stddev	.108222	1.49592	.0024466	.0008333	.028747	.0054918	.022842
%RSD	1.651659	2.276896	1.619392	18.91514	1.006573	1.311113	1.737402

#1	6.432825	63.97255	.1539040	.0034607	2.841142	.4147266	1.317588
#2	6.643763	66.54718	.1495331	.0050360	2.837516	.4167721	1.290563
#3	6.580299	66.57962	.1498135	.0047192	2.889021	.4250950	1.335973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.12072	6.535967	.2333225	.0064590	4.087985	21.92947	.0109276
Stddev	.66776	.065721	.0038441	.0001955	.055534	.38383	.0015634
%RSD	2.078921	1.005526	1.647552	3.027286	1.358458	1.750275	14.30656

#1	31.38537	6.611691	.2292335	.0066144	4.151990	21.48646	.0097932
#2	32.68929	6.493785	.2338714	.0062394	4.059375	22.13952	.0102788
#3	32.28749	6.502426	.2368627	.0065232	4.052590	22.16242	.0127110

Sample Name: J3400-08 Acquired: 6/19/2018 14:47:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0FZ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.723043	.1545122	.6231172
Stddev	.050170	.0032414	.0103421
%RSD	1.842406	2.097793	1.659734

#1	2.666706	.1515193	.6117478
#2	2.762899	.1579550	.6319661
#3	2.739524	.1540624	.6256375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.778	2499.594	69085.97	8993.127	3537.966
Stddev	.714	11.720	86.26	150.361	20.420
%RSD	.0291800	.4688778	.1248624	1.671959	.5771569

#1	2447.746	2486.369	69025.21	9166.575	3515.248
#2	2448.507	2508.693	69184.70	8899.676	3554.793
#3	2447.080	2503.720	69047.99	8913.129	3543.855

Sample Name: J3400-09 Acquired: 6/19/2018 14:51:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1270594	-.018541	.8965599	.0111734	.0081647	96.45485	1.115671
Stddev	.0092797	.003811	.0336308	.0026177	.0024239	3.00504	.032726
%RSD	7.303427	20.55755	3.751092	23.42779	29.68699	3.115488	2.933321

#1	.1318522	-.017902	.8813851	.0081973	.0103509	95.11683	1.100299
#2	.1163633	-.022631	.8731905	.0131191	.0085850	94.35122	1.093461
#3	.1329627	-.015089	.9351041	.0122037	.0055582	99.89650	1.153253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067010	.0273020	600.1365	.1652622	.0841914	.5714485	202.6171
Stddev	.0002893	.0009521	18.0789	.0012551	.0036958	.0187274	7.0288
%RSD	4.317252	3.487166	3.012464	.7594323	4.389744	3.277177	3.469026

#1	.0067210	.0269925	591.8496	.1666787	.0829338	.5648073	199.0286
#2	.0064023	.0265432	587.6866	.1648187	.0812886	.5569467	198.1070
#3	.0069798	.0283703	620.8734	.1642891	.0883519	.5925914	210.7159

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.813522	92.66358	.1130712	.0000723	2.331842	.4774192	1.194268
Stddev	.137771	3.21329	.0042509	.0009634	.125363	.0184823	.011476
%RSD	2.862171	3.467699	3.759465	1332.892	5.376116	3.871294	.9609416

#1	4.756142	91.16263	.1112740	.0001568	2.188745	.4729335	1.205889
#2	4.713715	90.47541	.1100141	-.000931	2.384464	.4615926	1.182942
#3	4.970710	96.35269	.1179255	.000991	2.422317	.4977315	1.193973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.99482	4.112188	.2072320	.0078026	2.917922	18.05893	.0115411
Stddev	.86252	.157919	.0071616	.0003149	.111841	.55209	.0006553
%RSD	3.450797	3.840273	3.455850	4.035848	3.832896	3.057136	5.677917

#1	24.56445	4.021837	.2011520	.0075843	2.866888	17.87519	.0108387
#2	24.43217	4.020192	.2054177	.0076598	2.840702	17.62213	.0116485
#3	25.98784	4.294535	.2151263	.0081636	3.046177	18.67945	.0121360

Sample Name: J3400-09 Acquired: 6/19/2018 14:51:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.058857	.1436161	.5765329
Stddev	.115367	.0041772	.0164764
%RSD	2.842345	2.908592	2.857834

#1	4.004176	.1410035	.5689935
#2	3.980998	.1414111	.5651753
#3	4.191397	.1484338	.5954300

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.176	2280.527	63611.97	8406.403	3299.566
Stddev	3.484	64.114	100.27	269.219	104.198
%RSD	.1557164	2.811364	.1576316	3.202547	3.157943

#1	2237.405	2312.978	63674.08	8525.345	3352.092
#2	2240.540	2321.929	63665.53	8595.666	3367.048
#3	2233.584	2206.676	63496.29	8098.198	3179.558

Sample Name: J3400-10 Acquired: 6/19/2018 14:55:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1470664	-.012655	2.265695	.0125398	.0120350	96.89985	1.200469
Stddev	.0009141	.002011	.058993	.0009870	.0020358	.36057	.005425
%RSD	.6215906	15.89056	2.603766	7.870740	16.91543	.3721029	.4518936

#1	.1473110	-.014338	2.330473	.0115656	.0126774	97.31396	1.206435
#2	.1478335	-.013201	2.251556	.0125148	.0097555	96.73015	1.199137
#3	.1460549	-.010428	2.215056	.0135390	.0136720	96.65545	1.195833

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071786	.0595467	114.9779	.1548688	.0731112	.4489328	192.4779
Stddev	.0000252	.0013554	.5119	.0019521	.0016267	.0028413	1.3897
%RSD	.3511459	2.276184	.4451852	1.260456	2.224910	.6329086	.7220076

#1	.0072039	.0609760	115.5449	.1570813	.0747008	.4519670	194.0332
#2	.0071783	.0593841	114.8389	.1533896	.0731830	.4463348	192.0424
#3	.0071535	.0582799	114.5499	.1541354	.0714498	.4484965	191.3581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136135	46.43330	.1027628	.0049940	1.449500	.4415357	1.507918
Stddev	.023290	.30173	.0024977	.0001814	.122776	.0046701	.015038
%RSD	.4534478	.6498075	2.430569	3.633404	8.470245	1.057691	.9972914

#1	5.158972	46.77824	.1055242	.0050003	1.561039	.4461301	1.510502
#2	5.137014	46.30321	.1021028	.0051723	1.317946	.4416836	1.491756
#3	5.112418	46.21843	.1006613	.0048095	1.469514	.4367934	1.521497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.97276	4.263086	.2275760	.0081334	4.809939	20.21393	.0218186
Stddev	.20856	.093086	.0028174	.0003825	.122034	.17225	.0013452
%RSD	.6958475	2.183529	1.237992	4.703041	2.537115	.8521405	6.165342

#1	30.20845	4.366178	.2301286	.0084469	4.943421	20.41242	.0230617
#2	29.81204	4.237883	.2280465	.0082461	4.782302	20.12568	.0203905
#3	29.89780	4.185196	.2245531	.0077072	4.704094	20.10368	.0220035

Sample Name: J3400-10 Acquired: 6/19/2018 14:55:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0G01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.090213	.1058727	.5725609
Stddev	.017904	.0008090	.0033118
%RSD	.5793932	.7640927	.5784248

#1	3.110887	.1066646	.5763002
#2	3.079721	.1059057	.5713851
#3	3.080031	.1050477	.5699974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2410.325	2498.527	67745.14	9030.922	3674.464
Stddev	17.320	39.494	568.43	34.522	72.862
%RSD	.7185755	1.580708	.8390651	.3822694	1.982916

#1	2392.106	2455.107	67097.65	9003.672	3596.119
#2	2412.290	2508.160	67975.74	9019.350	3687.079
#3	2426.578	2532.314	68162.02	9069.744	3740.194

Sample Name: J3400-11 Acquired: 6/19/2018 14:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1538999	-.013935	1.375817	.0109278	.0091831	92.43319	1.335723
Stddev	.0019445	.002914	.013228	.0029818	.0033823	1.30755	.021178
%RSD	1.263489	20.90920	.9614881	27.28642	36.83156	1.414587	1.585533

#1	.1525151	-.011451	1.391085	.0140349	.0088035	90.92871	1.311327
#2	.1530616	-.017142	1.368579	.0080894	.0127391	93.07548	1.346465
#3	.1561229	-.013211	1.367787	.0106591	.0060066	93.29538	1.349379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067768	.0315642	252.0970	.1428747	.0702764	.4518320	185.9103
Stddev	.0000404	.0002240	3.7067	.0009527	.0004680	.0083457	2.6671
%RSD	.5954939	.7097760	1.470360	.6668361	.6659365	1.847074	1.434611

#1	.0067320	.0318175	247.8207	.1428059	.0708156	.4421990	182.9955
#2	.0068104	.0313922	254.0766	.1419583	.0699759	.4564154	186.5070
#3	.0067880	.0314829	254.3936	.1438600	.0700377	.4568816	188.2286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.733099	57.35086	.1047758	.0051895	1.572834	.4506201	1.627513
Stddev	.070932	.59560	.0010552	.0002829	.061726	.0104197	.036852
%RSD	1.498641	1.038519	1.007067	5.451508	3.924496	2.312312	2.264334

#1	4.651198	56.69055	.1059258	.0054728	1.551132	.4417181	1.667577
#2	4.773373	57.51451	.1038522	.0049070	1.524890	.4620809	1.619900
#3	4.774728	57.84754	.1045494	.0051888	1.642480	.4480612	1.595062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.89269	5.352086	.2317539	.0099363	5.299527	20.60431	.0114546
Stddev	.41231	.037481	.0065948	.0000645	.052422	.25959	.0022551
%RSD	1.379295	.7003067	2.845592	.6487147	.9891863	1.259866	19.68743

#1	29.42873	5.394743	.2242319	.0100100	5.357723	20.30899	.0124570
#2	30.03217	5.337085	.2344874	.0098906	5.256006	20.70747	.0130347
#3	30.21717	5.324428	.2365423	.0099082	5.284851	20.79645	.0088721

Sample Name: J3400-11 Acquired: 6/19/2018 14:59:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0G02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.617282	.1225098	.8851522
Stddev	.049633	.0021659	.0113522
%RSD	1.372097	1.767974	1.282519

#1	3.561526	.1200147	.8720606
#2	3.633676	.1236087	.8911210
#3	3.656643	.1239061	.8922748

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.677	2413.495	65463.14	8695.369	3543.882
Stddev	13.491	17.326	236.87	76.379	29.966
%RSD	.5818207	.7178939	.3618411	.8783862	.8455764

#1	2305.578	2394.209	65289.38	8778.877	3509.307
#2	2317.925	2427.748	65732.95	8678.183	3562.357
#3	2332.527	2418.526	65367.07	8629.048	3559.983

Sample Name: CCV031 Acquired: 6/19/2018 15:03:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.776905	4.570022	23.31726	4.668594	4.738848	383.0159
Stddev	.105258	.104063	.49866	.107905	.113904	4.5536
%RSD	2.203469	2.277080	2.138575	2.311306	2.403615	1.188883

#1	4.655609	4.449873	22.74162	4.544040	4.607570	386.3323
#2	4.830882	4.631638	23.59305	4.727990	4.797513	384.8913
#3	4.844226	4.628554	23.61710	4.733752	4.811461	377.8241

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.542483	.4817050	2.346761	380.2337	14.56492	2.328605
Stddev	.156778	.0039231	.049022	3.0495	.08701	.047621
%RSD	1.642946	.8144282	2.088928	.8020190	.5974170	2.045031

#1	9.641508	.4790781	2.290296	381.5314	14.46444	2.273775
#2	9.624213	.4798223	2.371547	382.4198	14.61448	2.352420
#3	9.361727	.4862147	2.378441	376.7500	14.61582	2.359620

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.22043	380.0494	13.98196	379.0067	2.369956	1.228190
Stddev	.24013	2.9549	.13783	2.0071	.047449	.009711
%RSD	1.688622	.7775170	.9857748	.5295627	2.002119	.7906985

#1	14.35675	382.4922	14.05078	380.8972	2.315262	1.217366
#2	14.36137	380.8910	14.07184	379.2226	2.394514	1.231064
#3	13.94316	376.7649	13.82328	376.9005	2.400094	1.236139

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	366.9353	2.397214	14.02257	143.7895	F 3.512638	4.895779
Stddev	5.2098	.031623	.24330	2.1182	.071752	.038519
%RSD	1.419814	1.319145	1.735088	1.473102	2.042669	.7867739

#1	371.3394	2.424487	14.06067	144.9690	3.429829	4.892819
#2	368.2824	2.404604	14.24458	145.0554	3.556334	4.858826
#3	361.1843	2.362550	13.76246	141.3442	3.551752	4.935692

Sample Name: CCV031 Acquired: 6/19/2018 15:03:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.658989	4.815904	4.746669	4.758521	4.796679	4.744180
Stddev	.108876	.102467	.043185	.105785	.061106	.091102
%RSD	2.336908	2.127682	.9097864	2.223056	1.273918	1.920292

#1	4.534140	4.698411	4.727967	4.636571	4.846991	4.804294
#2	4.708625	4.862565	4.715987	4.813457	4.814364	4.788886
#3	4.734203	4.886736	4.796052	4.825536	4.728680	4.639361

Elem	Sr4077
Units	ppm
Avg	4.746981
Stddev	.060271
%RSD	1.269665

#1	4.678141
#2	4.772550
#3	4.790252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.543	1935.222	55793.60	7566.454	3001.489
Stddev	5.499	37.282	279.44	80.582	51.254
%RSD	.2860087	1.926482	.5008465	1.064995	1.707631

#1	1926.554	1978.165	56109.23	7601.236	3060.671
#2	1924.800	1916.371	55693.85	7623.805	2972.277
#3	1916.275	1911.131	55577.73	7474.323	2971.519

Sample Name: CCB031 Acquired: 6/19/2018 15:07:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001265	-.000080	-.000084	.0011442	.0001795	.0244323	-.000774
Stddev	.002245	.002769	.002841	.0019966	.0002568	.0119040	.000666
%RSD	177.4328	3476.768	3375.395	174.4982	143.0525	48.72230	86.04638

#1	-.002258	.003100	.002890	-.001099	.0004697	.0317830	-.001274
#2	-.002842	-.001386	-.000371	.001807	-.000018	.0308159	-.001029
#3	.001305	-.001953	-.002771	.002725	.000087	.0106981	-.000018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000358	-.000040	.0156606	.0009572	-.000248	.0004473	.0180428
Stddev	.0000485	.000061	.0156818	.0001468	.000139	.0002074	.0081999
%RSD	135.5859	151.9572	100.1357	15.34058	56.02430	46.36411	45.44687

#1	-.000015	.000029	.0194552	.0008113	-.000385	.0004011	.0204498
#2	.000042	-.000086	.0290969	.0009553	-.000107	.0006739	.0247699
#3	.000081	-.000062	-.001570	.0011050	-.000253	.0002669	.0089088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009763	.0307014	-.000101	.0004547	.0371537	.0003389	.0003110
Stddev	.0002747	.0266878	.000265	.0001681	.0160546	.0038468	.0034503
%RSD	28.13595	86.92691	261.4664	36.98448	43.21126	1135.163	1109.315

#1	.0009757	.0390970	.000204	.0002694	.0452801	-.002672	.0030884
#2	.0012513	.0008253	-.000270	.0004969	.0186606	-.000984	-.003551
#3	.0007019	.0521817	-.000239	.0005976	.0475203	.004673	.001396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.132889	-.001411	.0052026	-.000024	-.012618	.0007006	.0007668
Stddev	.037652	.001433	.0008183	.000197	.002689	.0013985	.0014379
%RSD	28.33343	101.5484	15.72835	813.2465	21.31188	199.6023	187.5322

#1	-.137068	-.001946	.0056838	.000098	-.011025	-.000651	.0020214
#2	-.168277	-.002499	.0042578	.000081	-.015723	.000611	.0010813
#3	-.093322	.000212	.0056661	-.000252	-.011107	.002142	-.000802

Sample Name: CCB031 Acquired: 6/19/2018 15:07:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB031 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000759	-.000536	.0003033
Stddev	.000411	.001049	.0000653
%RSD	54.17068	195.7283	21.54182

#1	-.001226	-.000658	.0003613
#2	-.000602	-.001518	.0003160
#3	-.000450	.000569	.0002325

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.800	2339.200	63470.50	8064.892	4022.901
Stddev	5.300	6.531	147.27	25.645	12.918
%RSD	.2326763	.2791808	.2320250	.3179825	.3211124

#1	2281.081	2345.096	63377.10	8035.825	4033.556
#2	2280.634	2332.180	63640.27	8074.525	4008.533
#3	2271.686	2340.324	63394.14	8084.325	4026.614

Sample Name: J3400-12 Acquired: 6/19/2018 15:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929543	-.024592	.2687991	.0120414	.0055245	146.2344	1.241105
Stddev	.0051628	.003733	.0030991	.0038904	.0021228	.3633	.008861
%RSD	5.554162	15.17946	1.152943	32.30825	38.42417	.2484665	.7139424

#1	.0919302	-.020361	.2652844	.0156541	.0037170	145.9630	1.237588
#2	.0985524	-.025995	.2699739	.0125473	.0078621	146.6472	1.251184
#3	.0883802	-.027420	.2711390	.0079229	.0049945	146.0930	1.234542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071202	.0052553	77.72619	.2135967	.1060733	.4800168	305.3594
Stddev	.0000778	.0002429	.41256	.0020527	.0008670	.0034031	1.1431
%RSD	1.092272	4.622642	.5307871	.9610006	.8173981	.7089470	.3743542

#1	.0072081	.0049846	77.52130	.2153877	.1053487	.4760974	304.6813
#2	.0070605	.0054542	78.20109	.2140456	.1070339	.4822215	304.7177
#3	.0070919	.0053273	77.45618	.2113567	.1058374	.4817314	306.6792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.508929	69.85138	.1157452	-.006522	6.424367	.7068271	.6739305
Stddev	.032199	.28009	.0018226	.000269	.053025	.0052628	.0226314
%RSD	.4946973	.4009847	1.574687	4.131052	.8253807	.7445643	3.358117

#1	6.476236	69.55339	.1136787	-.006795	6.364566	.7121555	.6807739
#2	6.540611	69.89149	.1171239	-.006516	6.442882	.7016324	.6486672
#3	6.509940	70.10925	.1164329	-.006256	6.465652	.7066935	.6923504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.32801	4.470909	.2904310	.0112089	2.931316	14.46730	.0129150
Stddev	.15822	.060634	.0060877	.0002365	.031527	.07736	.0019831
%RSD	.5394758	1.356187	2.096105	2.109531	1.075515	.5347326	15.35502

#1	29.24515	4.407540	.2926241	.0109369	2.896167	14.39869	.0148834
#2	29.51045	4.476812	.2835505	.0113655	2.940685	14.55115	.0109175
#3	29.22843	4.528376	.2951183	.0113244	2.957096	14.45207	.0129441

Sample Name: J3400-12 Acquired: 6/19/2018 15:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.162864	.1896126	.5498848
Stddev	.014326	.0014083	.0014469
%RSD	.2324645	.7427219	.2631274

#1	6.149000	.1884688	.5489268
#2	6.161981	.1911856	.5515492
#3	6.177612	.1891835	.5491783

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.674	2477.562	67409.38	8842.057	3628.105
Stddev	11.602	11.884	178.75	50.469	22.812
%RSD	.4859145	.4796669	.2651779	.5707784	.6287712

#1	2377.549	2489.618	67208.74	8899.656	3652.692
#2	2385.139	2477.210	67467.74	8805.583	3623.999
#3	2400.334	2465.857	67551.66	8820.933	3607.624

Sample Name: J3400-13 Acquired: 6/19/2018 15:15:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1371441	-.015888	1.925010	.0063815	.0102925	105.4555	1.507843
Stddev	.0081101	.004279	.031226	.0036875	.0010159	2.0634	.029426
%RSD	5.913540	26.93167	1.622128	57.78375	9.870526	1.956688	1.951554

#1	.1285800	-.013141	1.891264	.0032354	.0110525	106.4854	1.521763
#2	.1447072	-.020819	1.952881	.0104393	.0106863	106.8013	1.527727
#3	.1381452	-.013705	1.930887	.0054699	.0091386	103.0799	1.474039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085531	.0491216	248.3841	.1381086	.0775654	.4758018	181.7312
Stddev	.0000929	.0011250	4.5353	.0008841	.0012439	.0109236	3.3752
%RSD	1.086027	2.290216	1.825920	.6401610	1.603677	2.295840	1.857235

#1	.0086197	.0478227	249.7055	.1382328	.0762833	.4830113	183.6555
#2	.0085926	.0497840	252.1120	.1371690	.0787672	.4811604	183.7042
#3	.0084470	.0497582	243.3349	.1389240	.0776458	.4632336	177.8340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917888	66.24954	.1147882	.0035107	1.447902	.3953563	1.463577
Stddev	.098688	1.05088	.0015506	.0001972	.186486	.0028550	.013685
%RSD	2.006717	1.586252	1.350853	5.618029	12.87974	.7221431	.9350067

#1	4.949679	66.68650	.1131836	.0036899	1.303821	.3961291	1.457192
#2	4.996762	67.01145	.1162785	.0035427	1.658534	.3977454	1.479287
#3	4.807222	65.05068	.1149025	.0032994	1.381352	.3921944	1.454252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.24577	6.309493	.2272553	.0077822	5.077216	24.07988	.0145353
Stddev	.72204	.090688	.0056014	.0004515	.068159	.41455	.0018947
%RSD	2.239181	1.437332	2.464799	5.801158	1.342441	1.721576	13.03528

#1	32.69999	6.213250	.2307931	.0076319	5.004842	24.36223	.0153802
#2	32.62414	6.393355	.2301755	.0082897	5.140182	24.27345	.0123651
#3	31.41318	6.321873	.2207972	.0074251	5.086623	23.60394	.0158606

Sample Name: J3400-13 Acquired: 6/19/2018 15:15:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.027567	.1485855	.6829005
Stddev	.053969	.0026965	.0129722
%RSD	1.782596	1.814776	1.899570

#1	3.055185	.1497846	.6878667
#2	3.062138	.1504745	.6926559
#3	2.965378	.1454974	.6681790

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.280	2467.549	68391.78	9051.806	3520.181
Stddev	3.069	28.614	137.14	159.731	47.765
%RSD	.1266843	1.159615	.2005170	1.764636	1.356893

#1	2422.506	2499.968	68548.63	8978.186	3573.004
#2	2419.104	2445.816	68294.53	8942.160	3480.027
#3	2425.229	2456.863	68332.17	9235.071	3507.513

Sample Name: J3400-14 Acquired: 6/19/2018 15:19:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1568637	-.011987	1.773023	.0104592	.0126749	106.2656	1.575744
Stddev	.0022145	.005745	.008747	.0022265	.0002464	.7157	.008813
%RSD	1.411717	47.92815	.4933263	21.28719	1.943782	.6735233	.5593032

#1	.1550067	-.018137	1.763383	.0089544	.0124316	105.5232	1.565608
#2	.1562699	-.006757	1.775233	.0130168	.0126689	106.3222	1.580025
#3	.1593145	-.011068	1.780452	.0094063	.0129243	106.9513	1.581599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076794	.0421300	250.6467	.1546308	.0772696	.5349143	197.6527
Stddev	.0000122	.0000963	1.5581	.0028880	.0002870	.0061951	1.6965
%RSD	.1585056	.2284844	.6216338	1.867669	.3713868	1.158144	.8583182

#1	.0076691	.0420368	248.8652	.1579517	.0775724	.5323369	195.8993
#2	.0076764	.0421242	251.3202	.1527072	.0772347	.5304241	197.7729
#3	.0076928	.0422291	251.7548	.1532334	.0770017	.5419820	199.2859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.313895	59.73871	.1169146	.0033050	1.691228	.4565711	1.839487
Stddev	.032417	.33446	.0009475	.0005300	.036568	.0069923	.027449
%RSD	.6100505	.5598661	.8104060	16.03596	2.162203	1.531488	1.492195

#1	5.279191	59.38234	.1158253	.0026992	1.705653	.4500464	1.869087
#2	5.319095	59.78803	.1175477	.0036830	1.649647	.4557146	1.814873
#3	5.343398	60.04577	.1173708	.0035327	1.718382	.4639522	1.834499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.83237	6.025098	.2403998	.0089980	4.395816	22.77203	.0146604
Stddev	.27201	.053178	.0021033	.0000420	.030981	.14651	.0003815
%RSD	.7004700	.8826122	.8749202	.4672573	.7047778	.6433642	2.602185

#1	38.53356	6.013152	.2381023	.0090344	4.395106	22.64503	.0149381
#2	38.89796	5.978909	.2408666	.0089520	4.365196	22.73875	.0142254
#3	39.06558	6.083234	.2422305	.0090077	4.427145	22.93231	.0148176

Sample Name: J3400-14 Acquired: 6/19/2018 15:19:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0G05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.521568	.1342172	.7494880
Stddev	.031178	.0007473	.0049849
%RSD	.8853489	.5568161	.6651105

#1	3.489187	.1334449	.7440373
#2	3.524134	.1349367	.7506110
#3	3.551384	.1342702	.7538156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.103	2471.051	68162.22	9072.255	3551.473
Stddev	17.908	2.625	681.42	72.110	4.052
%RSD	.7417972	.1062489	.9996993	.7948458	.1140823

#1	2393.468	2473.767	67420.43	9140.787	3555.456
#2	2423.273	2470.860	68760.36	9078.945	3547.356
#3	2425.569	2468.526	68305.89	8997.033	3551.607

Sample Name: J3400-15 Acquired: 6/19/2018 15:23:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1642396	-.019963	.5310835	.0076135	.0078799	123.8326	1.980941
Stddev	.0026138	.008980	.0021166	.0043728	.0013444	.1955	.001847
%RSD	1.591433	44.98380	.3985448	57.43444	17.06060	.1578586	.0932595

#1	.1625211	-.020671	.5306175	.0029737	.0066220	123.6571	1.979767
#2	.1629501	-.010650	.5292387	.0116583	.0077211	124.0433	1.983070
#3	.1672475	-.028569	.5333942	.0082087	.0092966	123.7973	1.979984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108282	.0109987	466.1506	.1380075	.0796844	.3011896	177.7714
Stddev	.0000522	.0002026	.4776	.0039152	.0007485	.0061743	1.1478
%RSD	.4819996	1.842415	.1024469	2.836934	.9392661	2.049957	.6456440

#1	.0107785	.0111090	465.8750	.1401846	.0788386	.3082928	176.7571
#2	.0108826	.0107648	466.7020	.1403502	.0799537	.2981674	179.0173
#3	.0108234	.0111222	465.8748	.1334876	.0802609	.2971086	177.5398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.300177	104.6363	.1388401	-.002373	6.054297	.3871139	.7840435
Stddev	.011122	.4838	.0012429	.000732	.084865	.0066444	.0072894
%RSD	.2586425	.4624108	.8952096	30.85723	1.401739	1.716398	.9297204

#1	4.309604	104.1789	.1379117	-.003120	6.095460	.3928608	.7810470
#2	4.303017	105.1429	.1383565	-.002344	6.110731	.3886424	.7923535
#3	4.287911	104.5870	.1402521	-.001656	5.956700	.3798384	.7787298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.42702	3.594078	.2497862	.0096597	8.457352	20.43872	.0087382
Stddev	.10236	.034474	.0038080	.0002401	.042793	.05892	.0014011
%RSD	.2663730	.9591930	1.524513	2.485518	.5059882	.2883000	16.03444

#1	38.35322	3.574397	.2461775	.0095314	8.425018	20.41177	.0071203
#2	38.54387	3.573953	.2537663	.0095110	8.441160	20.50630	.0095422
#3	38.38397	3.633885	.2494149	.0099367	8.505879	20.39809	.0095520

Sample Name: J3400-15 Acquired: 6/19/2018 15:23:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.712965	.2208279	.8914603
Stddev	.007357	.0018076	.0020236
%RSD	.2711874	.8185428	.2270006

#1	2.711607	.2187926	.8914019
#2	2.720907	.2222462	.8935125
#3	2.706381	.2214449	.8894665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.861	2446.726	67691.37	9063.416	3350.184
Stddev	51.071	12.598	1301.25	9.723	22.072
%RSD	2.140564	.5148732	1.922323	.1072815	.6588160

#1	2377.669	2447.393	67386.05	9073.522	3353.528
#2	2339.382	2458.978	66569.94	9054.127	3370.392
#3	2440.533	2433.809	69118.14	9062.600	3326.631

Sample Name: J3400-16 Acquired: 6/19/2018 15:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1593903	-.018151	1.175378	.0112925	.0092458	99.19143	1.295519
Stddev	.0060674	.002986	.001107	.0005296	.0016064	.37226	.004936
%RSD	3.806645	16.45245	.0941745	4.689383	17.37457	.3752956	.3810053

#1	.1551063	-.017142	1.174136	.0107201	.0080879	98.85951	1.290336
#2	.1663333	-.021511	1.175735	.0113926	.0085697	99.12085	1.296057
#3	.1567314	-.015800	1.176262	.0117649	.0110797	99.59392	1.300164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066759	.0291619	266.6592	.1928914	.0716037	.5750863	186.2650
Stddev	.0002024	.0000965	1.1733	.0069895	.0003913	.0034286	.5052
%RSD	3.031242	.3308796	.4400000	3.623525	.5464118	.5961879	.2712443

#1	.0065715	.0292721	265.4691	.2009257	.0720547	.5711342	186.4889
#2	.0065470	.0291212	266.6936	.1895380	.0713999	.5768595	185.6865
#3	.0069091	.0290925	267.8149	.1882106	.0713564	.5772652	186.6196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.961153	62.31085	.1062782	.0012216	1.387962	.4432181	1.255342
Stddev	.020693	.24313	.0003754	.0003394	.080885	.0129899	.039486
%RSD	.5223936	.3901917	.3532517	27.78731	5.827621	2.930810	3.145426

#1	3.937632	62.23982	.1067083	.0008320	1.481234	.4354222	1.298758
#2	3.969271	62.11114	.1060164	.0013796	1.337136	.4360186	1.245691
#3	3.976556	62.58159	.1061099	.0014533	1.345514	.4582136	1.221576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.68949	4.278366	.2241558	.0084102	3.794727	19.28062	.0117178
Stddev	.14869	.010908	.0034549	.0001541	.004334	.33496	.0017845
%RSD	.5182795	.2549630	1.541286	1.831755	.1142096	1.737263	15.22884

#1	28.52831	4.271227	.2278933	.0085578	3.791019	18.90651	.0113763
#2	28.71885	4.290922	.2210789	.0082504	3.799491	19.38267	.0101288
#3	28.82132	4.272948	.2234952	.0084225	3.793670	19.55268	.0136484

Sample Name: J3400-16 Acquired: 6/19/2018 15:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0G07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.899308	.1329761	.8427353
Stddev	.017744	.0008855	.0036319
%RSD	.4550546	.6659303	.4309626

#1	3.885024	.1327585	.8397569
#2	3.893729	.1322196	.8416677
#3	3.919171	.1339501	.8467813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.783	2377.997	64370.31	8741.579	3500.103
Stddev	78.266	.707	2369.69	44.599	3.425
%RSD	3.437587	.0297211	3.681333	.5101995	.0978570

#1	2190.024	2378.497	61659.04	8763.238	3496.496
#2	2298.248	2378.305	65406.35	8771.212	3503.312
#3	2342.078	2377.188	66045.55	8690.286	3500.502

Sample Name: J3400-17 Acquired: 6/19/2018 15:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983084	-.011641	.5867848	.0099322	.0092098	92.00086	1.662952
Stddev	.0047293	.003026	.0065490	.0032519	.0023591	.13277	.000675
%RSD	4.810640	25.99422	1.116078	32.74058	25.61508	.1443162	.0405976

#1	.0981077	-.008147	.5799543	.0083463	.0068332	92.01657	1.663278
#2	.0936827	-.013359	.5930102	.0077775	.0115510	91.86093	1.662176
#3	.1031349	-.013418	.5873900	.0136727	.0092452	92.12507	1.663403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074293	.0228523	470.2067	.1051426	.0630712	.4783374	148.0832
Stddev	.0001056	.0001834	1.4222	.0014178	.0013494	.0015545	.5714
%RSD	1.421658	.8023735	.3024670	1.348453	2.139423	.3249712	.3858564

#1	.0074112	.0226466	469.2333	.1063706	.0618335	.4773629	147.7737
#2	.0073340	.0229117	469.5480	.1054662	.0645097	.4775192	147.7333
#3	.0075429	.0229986	471.8389	.1035909	.0628704	.4801300	148.7425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.455112	79.10449	.1045466	.0029837	2.077556	.2763224	1.216866
Stddev	.024607	.27686	.0007439	.0002852	.173159	.0032983	.018562
%RSD	.4510757	.3499893	.7115216	9.558891	8.334732	1.193624	1.525406

#1	5.451883	78.96904	.1037291	.0029505	1.958319	.2791379	1.237731
#2	5.432279	78.92143	.1047273	.0027166	2.276174	.2771358	1.202185
#3	5.481173	79.42299	.1051835	.0032841	1.998176	.2726936	1.210681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.26570	6.725968	.2346481	.0040584	6.765050	20.93868	.0071333
Stddev	.08942	.066307	.0036032	.0001878	.078403	.07176	.0013607
%RSD	.2771242	.9858419	1.535586	4.627934	1.158948	.3427362	19.07533

#1	32.23219	6.650093	.2307326	.0039089	6.674623	20.90918	.0084124
#2	32.19788	6.755026	.2353876	.0042692	6.814051	20.88636	.0072840
#3	32.36703	6.772786	.2378243	.0039971	6.806476	21.02049	.0057035

Sample Name: J3400-17 Acquired: 6/19/2018 15:31:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GN9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.963024	.1495410	1.002117
Stddev	.006918	.0013163	.000727
%RSD	.3523899	.8802264	.0725536

#1	1.969908	.1503343	1.002754
#2	1.956074	.1480216	1.001325
#3	1.963091	.1502671	1.002272

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.722	2382.346	65071.39	8899.374	3397.564
Stddev	5.861	14.396	332.86	47.819	26.775
%RSD	.2549765	.6042701	.5115347	.5373313	.7880584

#1	2292.124	2398.500	64690.82	8923.331	3424.503
#2	2300.717	2370.873	65215.13	8930.481	3370.957
#3	2303.325	2377.666	65308.24	8844.312	3397.233

Sample Name: J3400-18 Acquired: 6/19/2018 15:35:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679320	-.014356	1.098358	.0137087	.0079826	108.6599	1.597363
Stddev	.0090841	.004131	.022144	.0063876	.0018572	.2556	.003508
%RSD	5.409389	28.77221	2.016140	46.59506	23.26591	.2352227	.2196380

#1	.1611545	-.011103	1.087362	.0184665	.0099340	108.3989	1.597875
#2	.1782540	-.012962	1.123848	.0162108	.0077773	108.6711	1.593627
#3	.1643875	-.019004	1.083863	.0064489	.0062366	108.9097	1.600587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082887	.0306354	270.8979	.1371698	.0831213	.4726381	204.1236
Stddev	.0000395	.0004563	.4812	.0010287	.0014045	.0009864	1.2140
%RSD	.4762954	1.489455	.1776170	.7499759	1.689706	.2087015	.5947213

#1	.0082565	.0303893	270.3668	.1383574	.0819894	.4732437	202.7264
#2	.0083327	.0311619	271.0220	.1365979	.0846931	.4714999	204.9202
#3	.0082769	.0303549	271.3048	.1365540	.0826815	.4731707	204.7242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.385856	72.42373	.1308051	-.000832	2.675877	.4308197	1.123856
Stddev	.007709	.26941	.0024872	.000194	.145814	.0025038	.008099
%RSD	.1431408	.3719880	1.901415	23.33283	5.449211	.5811699	.7206293

#1	5.383536	72.11554	.1289467	-.000855	2.816785	.4323361	1.132861
#2	5.379573	72.54122	.1336305	-.000627	2.685239	.4279297	1.121539
#3	5.394459	72.61445	.1298381	-.001013	2.525608	.4321932	1.117169

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.18936	4.854106	.2369567	.0078454	4.035977	24.23472	.0125933
Stddev	.10040	.072053	.0023932	.0005661	.056502	.17134	.0007958
%RSD	.3119061	1.484368	1.009971	7.215421	1.399949	.7070148	6.319226

#1	32.11664	4.829221	.2345787	.0076898	4.005943	24.06504	.0128553
#2	32.30391	4.935303	.2393648	.0084730	4.101153	24.23143	.0116995
#3	32.14754	4.797794	.2369266	.0073733	4.000836	24.40768	.0132251

Sample Name: J3400-18 Acquired: 6/19/2018 15:35:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.125969	.1358075	.7540353
Stddev	.008018	.0010289	.0003912
%RSD	.2564955	.7576471	.0518851

#1	3.118668	.1347425	.7537054
#2	3.124689	.1358837	.7539331
#3	3.134550	.1367962	.7544675

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2399.260	2456.579	68062.71	9018.677	3479.514
Stddev	7.612	26.770	167.40	38.204	43.921
%RSD	.3172607	1.089721	.2459550	.4236151	1.262270

#1	2401.506	2473.267	67886.77	9059.155	3504.723
#2	2405.496	2425.702	68081.35	9013.629	3428.799
#3	2390.778	2470.769	68220.02	8983.248	3505.020

Sample Name: J3400-19 Acquired: 6/19/2018 15:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1716981	-.015723	1.088666	.0095737	.0079592	108.4036	1.595473
Stddev	.0031185	.002220	.002554	.0064944	.0005590	.0252	.003109
%RSD	1.816296	14.11675	.2345702	67.83597	7.023360	.0232114	.1948549

#1	.1713601	-.018255	1.087228	.0087756	.0074358	108.4076	1.593168
#2	.1687623	-.014115	1.087155	.0164303	.0085480	108.3766	1.599009
#3	.1749719	-.014799	1.091614	.0035152	.0078938	108.4265	1.594242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081362	.0302687	269.5993	.1380494	.0819951	.4634299	202.6306
Stddev	.0000671	.0002908	.7982	.0010313	.0006641	.0018059	.5966
%RSD	.8244513	.9608082	.2960770	.7470727	.8099739	.3896892	.2944368

#1	.0082101	.0301297	268.7171	.1390271	.0812350	.4617207	203.0911
#2	.0080792	.0306029	270.2716	.1369717	.0822863	.4653191	201.9566
#3	.0081191	.0300735	269.8093	.1381494	.0824638	.4632500	202.8441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.367492	71.74882	.1301542	-.001099	2.909335	.4262282	1.111755
Stddev	.017003	.14295	.0009518	.000431	.097180	.0015880	.018876
%RSD	.3167802	.1992437	.7313178	39.22476	3.340299	.3725720	1.697860

#1	5.349993	71.81271	.1290552	-.001148	2.803964	.4265235	1.131939
#2	5.383951	71.58506	.1306910	-.000646	2.995438	.4276479	1.108788
#3	5.368531	71.84869	.1307164	-.001504	2.928604	.4245133	1.094538

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.12847	4.795730	.2347018	.0080984	3.980924	24.03915	.0132487
Stddev	.15354	.023963	.0012181	.0001359	.026124	.13679	.0016833
%RSD	.4778999	.4996702	.5190065	1.678507	.6562379	.5690347	12.70550

#1	31.99716	4.770739	.2358728	.0080771	3.963507	23.89529	.0121277
#2	32.29729	4.818512	.2334415	.0079744	4.010963	24.16756	.0151843
#3	32.09096	4.797937	.2347911	.0082437	3.968303	24.05461	.0124339

Sample Name: J3400-19 Acquired: 6/19/2018 15:39:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.115525	.1358625	.7511916
Stddev	.009071	.0011443	.0008986
%RSD	.2911512	.8422838	.1196293

#1	3.111720	.1350467	.7504546
#2	3.108976	.1371706	.7521927
#3	3.125879	.1353703	.7509274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2404.254	2479.790	68074.26	9092.250	3519.412
Stddev	15.320	2.969	398.10	38.457	8.937
%RSD	.6371853	.1197207	.5847953	.4229665	.2539419

#1	2390.338	2483.177	67623.33	9131.545	3529.732
#2	2401.754	2477.639	68377.02	9054.689	3514.200
#3	2420.670	2478.554	68222.44	9090.516	3514.305

Sample Name: J3400-20 Acquired: 6/19/2018 15:43:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2446061	.0872492	1.104533	.1071632	.2037801	110.5129	5.754485
Stddev	.0033377	.0017761	.007758	.0040028	.0023384	.1949	.015347
%RSD	1.364534	2.035667	.7023728	3.735260	1.147518	.1764041	.2666937

#1	.2437391	.0862332	1.100895	.1115931	.2064144	110.4160	5.757913
#2	.2482918	.0862144	1.099262	.1060905	.2019497	110.7373	5.767828
#3	.2417875	.0893000	1.113441	.1038060	.2029761	110.3853	5.737714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076204	.1372496	264.9026	.5419641	1.165553	.9603260	200.9015
Stddev	.0001951	.0007861	1.0042	.0003115	.007566	.0025570	.4936
%RSD	.1812451	.5727568	.3790890	.0574751	.6491633	.2662662	.2456861

#1	.1074914	.1374800	264.9154	.5418831	1.168515	.9613287	200.5793
#2	.1075251	.1363741	265.9003	.5417011	1.156954	.9622298	200.6554
#3	.1078448	.1378948	263.8920	.5423081	1.171190	.9574196	201.4698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.313334	70.39611	1.241531	.0895806	2.700032	1.461324	2.071751
Stddev	.015254	.10958	.006679	.0013231	.146305	.005998	.019246
%RSD	.2416201	.1556644	.5379279	1.476950	5.418632	.4104289	.9289525

#1	6.313830	70.30493	1.239573	.0880937	2.828531	1.455003	2.051906
#2	6.328334	70.36571	1.236050	.0900200	2.730761	1.466935	2.090335
#3	6.297838	70.51768	1.248970	.0906280	2.540803	1.462036	2.073012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.59302	4.678722	.2291321	.0078701	3.865639	23.46623	.0132021
Stddev	.02173	.045878	.0013424	.0000746	.043831	.08554	.0010222
%RSD	.0687800	.9805744	.5858461	.9485727	1.133854	.3645265	7.742423

#1	31.61646	4.689205	.2278789	.0078312	3.863496	23.37313	.0142516
#2	31.57354	4.628509	.2289687	.0078229	3.822920	23.54135	.0131450
#3	31.58905	4.718452	.2305487	.0079562	3.910503	23.48423	.0122097

Sample Name: J3400-20 Acquired: 6/19/2018 15:43:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.066411	.1362515	.7415644
Stddev	.002562	.0005628	.0017958
%RSD	.0835660	.4130468	.2421611

#1	3.067237	.1364138	.7432092
#2	3.068458	.1367153	.7418356
#3	3.063537	.1356254	.7396485

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.012	2472.553	68169.23	9079.374	3526.779
Stddev	8.979	13.489	260.38	26.383	15.929
%RSD	.3748950	.5455660	.3819624	.2905868	.4516466

#1	2386.593	2464.579	67898.04	9106.327	3521.132
#2	2393.981	2488.127	68192.41	9053.600	3544.762
#3	2404.462	2464.952	68417.25	9078.194	3514.444

Sample Name: J3400-18LX5 Acquired: 6/19/2018 15:47:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473059	-.002916	.2218537	.0034882	.0003687	23.62482	.3503343
Stddev	.0059086	.004674	.0013545	.0016387	.0016001	.08802	.0007403
%RSD	12.49022	160.2799	.6105447	46.97909	433.9906	.3725555	.2113134

#1	.0541269	-.006884	.2216170	.0038895	.0018167	23.62415	.3510535
#2	.0440249	.002236	.2233110	.0016861	.0006386	23.53713	.3495746
#3	.0437658	-.004100	.2206332	.0048890	-.001349	23.71316	.3503747

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018820	.0058814	59.25951	.0322624	.0152164	.1030427	45.95087
Stddev	.0000824	.0000284	.22516	.0002681	.0003175	.0024917	.15450
%RSD	4.378124	.4831664	.3799477	.8311288	2.086797	2.418110	.3362262

#1	.0018000	.0058591	59.27868	.0320754	.0152099	.1007528	45.96037
#2	.0019648	.0059134	59.02539	.0321421	.0149022	.1026791	45.79184
#3	.0018811	.0058717	59.47447	.0325696	.0155372	.1056962	46.10040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217615	15.76670	.0261041	.0002457	.5334654	.0938220	.2404668
Stddev	.004639	.13969	.0001355	.0002777	.0666493	.0014828	.0117406
%RSD	.3809725	.8859532	.5188839	112.9957	12.49366	1.580474	4.882406

#1	1.219019	15.90380	.0262583	.0000696	.5220657	.0934662	.2274091
#2	1.212436	15.62457	.0260500	.0001018	.4732512	.0954504	.2438392
#3	1.221389	15.77172	.0260042	.0005659	.6050794	.0925495	.2501522

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.722388	.9313081	.0531919	.0014786	.7495880	5.404751	.0021294
Stddev	.023609	.0044019	.0006289	.0001411	.0038010	.038678	.0005697
%RSD	.3512042	.4726607	1.182312	9.543819	.5070737	.7156228	26.75290

#1	6.695260	.9341730	.0527734	.0016273	.7452431	5.413359	.0016798
#2	6.733613	.9335117	.0539151	.0013465	.7512233	5.362495	.0027700
#3	6.738290	.9262396	.0528872	.0014620	.7522977	5.438399	.0019383

Sample Name: J3400-18LX5 Acquired: 6/19/2018 15:47:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6863896	.0285883	.1661155
Stddev	.0043704	.0012298	.0008791
%RSD	.6367156	4.301670	.5292156

#1	.6878826	.0294481	.1662349
#2	.6814684	.0291371	.1651827
#3	.6898178	.0271797	.1669287

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.314	2379.544	64782.26	8401.513	3884.367
Stddev	16.848	6.916	270.02	30.641	16.236
%RSD	.7289321	.2906454	.4168098	.3647126	.4179926

#1	2299.955	2373.281	64690.64	8382.117	3867.174
#2	2303.315	2386.967	64569.96	8436.838	3899.438
#3	2330.671	2378.384	65086.16	8385.585	3886.490

Sample Name: J3400-21 Acquired: 6/19/2018 15:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1713696	-.014424	2.389379	.0134641	.0143027	96.99981	1.453464
Stddev	.0048762	.003000	.013846	.0035533	.0025224	.23400	.007197
%RSD	2.845413	20.80116	.5794749	26.39065	17.63596	.2412390	.4951819

#1	.1723649	-.016963	2.373490	.0173974	.0169394	97.22666	1.457659
#2	.1756714	-.011113	2.395783	.0104862	.0140561	96.75926	1.445154
#3	.1660726	-.015196	2.398863	.0125089	.0119126	97.01353	1.457580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077818	.0641815	155.4876	.1520868	.0784103	.5496722	201.6636
Stddev	.0000365	.0005038	.6448	.0000341	.0008483	.0018440	1.3207
%RSD	.4691085	.7850052	.4146761	.0224411	1.081921	.3354727	.6549157

#1	.0077409	.0636171	155.8303	.1521171	.0775946	.5496476	203.1127
#2	.0078110	.0645859	154.7438	.1520935	.0783482	.5478406	200.5274
#3	.0077936	.0643414	155.8885	.1520498	.0792879	.5515284	201.3507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.314178	55.40177	.1145406	.0055931	2.140891	.4546956	1.891150
Stddev	.016789	.23026	.0008971	.0002600	.081708	.0040873	.010703
%RSD	.3159227	.4156110	.7831938	4.648976	3.816553	.8989041	.5659729

#1	5.324980	55.59321	.1145051	.0058931	2.211209	.4585379	1.880432
#2	5.294836	55.14627	.1154548	.0054514	2.160210	.4504010	1.891180
#3	5.322718	55.46584	.1136617	.0054346	2.051255	.4551479	1.901838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.17720	7.126992	.2407332	.0099718	6.991024	24.75569	.0133524
Stddev	.13113	.054641	.0015477	.0002202	.053756	.20318	.0014048
%RSD	.2613407	.7666762	.6428938	2.208309	.7689354	.8207575	10.52120

#1	50.32861	7.082655	.2411230	.0098738	6.932808	24.98746	.0141601
#2	50.09986	7.110286	.2420487	.0098176	7.001478	24.60824	.0141667
#3	50.10313	7.188036	.2390279	.0102240	7.038785	24.67139	.0117302

Sample Name: J3400-21 Acquired: 6/19/2018 15:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.084221	.1172903	.5945866
Stddev	.009695	.0005822	.0013680
%RSD	.3143471	.4963741	.2300728

#1	3.094544	.1171157	.5957891
#2	3.075309	.1168154	.5930983
#3	3.082809	.1179398	.5948726

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.405	2491.060	68915.07	9128.735	3601.690
Stddev	6.808	11.629	126.16	51.443	17.275
%RSD	.2790682	.4668096	.1830595	.5635304	.4796472

#1	2447.071	2504.243	69060.40	9069.344	3620.750
#2	2437.076	2482.258	68851.09	9157.431	3587.063
#3	2434.067	2486.680	68833.73	9159.429	3597.256

Sample Name: J3400-22 Acquired: 6/19/2018 15:55:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2284678	-.015504	1.163588	.0113371	.0086614	105.7051	1.535879
Stddev	.0009271	.004530	.010296	.0049862	.0009743	1.9444	.031166
%RSD	.4058138	29.21764	.8848328	43.98098	11.24872	1.839479	2.029228

#1	.2292583	-.010966	1.152557	.0102559	.0078524	107.8327	1.570150
#2	.2274473	-.015519	1.172944	.0167752	.0083889	104.0201	1.509232
#3	.2286977	-.020025	1.165262	.0069803	.0097430	105.2626	1.528254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076641	.0332287	572.4906	.1293389	.0718315	.3773130	168.9655
Stddev	.0001712	.0003598	12.1758	.0006995	.0004993	.0051906	2.4996
%RSD	2.233260	1.082666	2.126808	.5408140	.6951427	1.375674	1.479344

#1	.0078498	.0328137	585.9547	.1298799	.0713147	.3830999	171.7348
#2	.0076297	.0334511	562.2531	.1285490	.0723113	.3757711	166.8765
#3	.0075127	.0334213	569.2639	.1295877	.0718685	.3730681	168.2851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955913	107.0469	.1049742	.0004973	5.423570	.3762900	1.124976
Stddev	.104548	1.4943	.0012537	.0005430	.114812	.0083839	.007464
%RSD	2.109551	1.395920	1.194294	109.1983	2.116910	2.228042	.6634382

#1	5.070502	108.7401	.1038141	.0010545	5.484579	.3802056	1.117985
#2	4.865722	105.9129	.1063042	.0004676	5.291133	.3666647	1.124106
#3	4.931515	106.4876	.1048043	-.000030	5.494997	.3819998	1.132836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.09189	4.226306	.2534378	.0079773	14.43112	24.46361	.0121630
Stddev	.71653	.040962	.0034835	.0003620	.11127	.36061	.0017123
%RSD	2.041855	.9692146	1.374514	4.538111	.7710336	1.474085	14.07771

#1	35.87568	4.179240	.2567504	.0083426	14.31037	24.88001	.0102069
#2	34.47051	4.245783	.2498054	.0079707	14.52952	24.25702	.0133904
#3	34.92947	4.253896	.2537575	.0076187	14.45346	24.25380	.0128916

Sample Name: J3400-22 Acquired: 6/19/2018 15:55:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.405290	.1945109	1.373348
Stddev	.059853	.0033996	.027249
%RSD	1.757652	1.747755	1.984124

#1	3.470593	.1983772	1.402787
#2	3.353041	.1919893	1.349010
#3	3.392237	.1931664	1.368248

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.683	2402.825	65992.98	9000.465	3349.515
Stddev	1.690	11.114	131.41	129.753	19.734
%RSD	.0727805	.4625347	.1991338	1.441623	.5891723

#1	2320.630	2414.552	65934.58	8851.009	3369.685
#2	2323.632	2392.448	66143.47	9084.299	3330.247
#3	2320.787	2401.474	65900.88	9066.087	3348.613

Sample Name: PB110303BL Acquired: 6/19/2018 15:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	-.000470	-.000424	.0003642	.0034435	-.000415	.0055086	-.001435
Stddev	.002064	.002912	.0010471	.0019437	.001187	.0063021	.000457
%RSD	439.0165	686.7192	287.5273	56.44552	285.7898	114.4060	31.81678

#1	.001874	.001187	-.000134	.0014361	.000518	.0092107	-.001193
#2	-.002014	-.003786	-.000340	.0053165	-.001752	.0090831	-.001151
#3	-.001271	.001326	.001567	.0035780	-.000012	-.001768	-.001962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000276	-.000004	.0143381	.0000922	-.000270	.0004378	-.009811
Stddev	.0000248	.000049	.0085138	.0001783	.000124	.0008374	.010502
%RSD	89.86420	1164.815	59.37929	193.3145	46.15825	191.2519	107.0375

#1	.0000159	.000018	.0047035	-.000094	-.000393	.0013754	.002314
#2	.0000108	-.000060	.0208484	.000261	-.000272	-.000236	-.015735
#3	.0000560	.000029	.0174623	.000110	-.000144	.000174	-.016012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006748	.0096409	.0001407	.0004258	-.010470	-.001673	.0006319
Stddev	.0003916	.0068880	.0004389	.0003226	.140674	.001524	.0039468
%RSD	58.03277	71.44548	311.8698	75.77567	1343.617	91.06416	624.5855

#1	.0002417	.0074632	.0005825	.0006834	-.139973	-.002911	-.003809
#2	.0007787	.0173544	.0001350	.0000639	.139199	-.002138	.003738
#3	.0010039	.0041049	-.000295	.0005300	-.030635	.000029	.001967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135878	-.001798	-.000401	-.000289	-.014588	.0017405	.0014851
Stddev	.031498	.001152	.000064	.000162	.001175	.0013549	.0010143
%RSD	23.18076	64.05636	15.96604	56.05846	8.053127	77.84406	68.29696

#1	-.102007	-.000476	-.000329	-.000453	-.014623	.0013916	.0017197
#2	-.164288	-.002581	-.000421	-.000130	-.013395	.0032356	.0003741
#3	-.141341	-.002336	-.000452	-.000283	-.015744	.0005941	.0023615

Sample Name: PB110303BL Acquired: 6/19/2018 15:59:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0001289	-.001848	.0000486
Stddev	.0012390	.001638	.0000373
%RSD	961.1497	88.62788	76.82354

#1	-.001242	-.001033	.0000814
#2	.000459	-.003733	.0000563
#3	.001170	-.000777	.0000080

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.195	2375.439	64173.50	8153.275	4105.294
Stddev	5.864	3.679	138.18	36.491	11.255
%RSD	.2545964	.1548697	.2153236	.4475661	.2741470

#1	2296.529	2374.514	64142.20	8169.050	4093.747
#2	2307.556	2379.492	64053.65	8179.225	4116.231
#3	2305.500	2372.311	64324.64	8111.550	4105.903

Sample Name: PB110303BS Acquired: 6/19/2018 16:04:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0147139	.0452571	.0180664	.0648355	.1103372	.3945110
Stddev	.0020311	.0033448	.0012822	.0024425	.0011212	.0025203
%RSD	13.80376	7.390620	7.097151	3.767238	1.016164	.6388305

#1	.0169575	.0422447	.0171993	.0664636	.1104351	.3939527
#2	.0130007	.0488565	.0195392	.0620270	.1114062	.3972636
#3	.0141834	.0446700	.0174606	.0660158	.1091702	.3923167

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3785458	.0097051	.0091308	9.407214	.0205705	.0865231
Stddev	.0029064	.0000097	.0002140	.080143	.0005375	.0008272
%RSD	.7677707	.0999555	2.343865	.8519272	2.613157	.9560556

#1	.3766005	.0097009	.0092797	9.356039	.0199780	.0857071
#2	.3771501	.0096982	.0092272	9.366028	.0207068	.0873611
#3	.3818867	.0097162	.0088856	9.499575	.0210268	.0865012

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486525	.1965265	.0309763	9.070353	.0750218	.0178457
Stddev	.0018197	.0115353	.0007827	.104987	.0002911	.0002119
%RSD	3.740143	5.869593	2.526680	1.157477	.3879649	1.187507

#1	.0465531	.2056606	.0316771	8.959126	.0751411	.0177226
#2	.0496281	.2003551	.0301317	9.084208	.0752343	.0180904
#3	.0497764	.1835636	.0311201	9.167725	.0746901	.0177242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.957565	.0985065	.1128797	8.914026	F .0123315	F .0170094
Stddev	.204311	.0004575	.0049849	.100862	.0007527	.0008656
%RSD	2.280882	.4644676	4.416106	1.131502	6.104249	5.088807

#1	8.860803	.0980421	.1157134	8.840453	.0114656	.0179966
#2	8.819609	.0985206	.1071238	8.872624	.0128299	.0163806
#3	9.192281	.0989569	.1158017	9.029001	.0126991	.0166511

Sample Name: PB110303BS Acquired: 6/19/2018 16:04:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0182781	.1365378	.1841146	F .0133196	.1873969	.0883742
Stddev	.0001643	.0041307	.0014817	.0002804	.0020194	.0014305
%RSD	.8989179	3.025334	.8047920	2.104954	1.077599	1.618694

#1	.0181328	.1329446	.1827510	.0130931	.1873344	.0870974
#2	.0182452	.1410509	.1856914	.0132325	.1854095	.0881051
#3	.0184564	.1356178	.1839014	.0136332	.1894468	.0899202

Elem	Sr4077
Units	ppm
Avg	.1877619
Stddev	.0006354
%RSD	.3383790

#1	.1873285
#2	.1874660
#3	.1884912

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.024	2378.361	63133.15	8135.375	4076.675
Stddev	17.246	7.311	393.21	10.910	16.878
%RSD	.7610727	.3073853	.6228298	.1340996	.4140133

#1	2277.409	2379.457	63559.66	8147.836	4085.621
#2	2274.482	2370.565	63054.72	8130.747	4057.207
#3	2246.182	2385.063	62785.06	8127.543	4087.197

Sample Name: J3403-02 Acquired: 6/19/2018 16:08:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001197	.0014694	.0005095	-.000243	-.000893	.0027742	.0001719
Stddev	.000611	.0002459	.0015694	.002357	.000719	.0055238	.0006461
%RSD	51.07729	16.73742	308.0143	971.6265	80.52958	199.1133	375.8320

#1	-.001115	.0011891	.0023161	.000984	-.000349	.0042196	.0004392
#2	-.000631	.0016489	-.000517	-.002959	-.001709	.0074316	-.000565
#3	-.001846	.0015702	-.000270	.001248	-.000622	-.003329	.000641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001003	-.000012	.0052315	.0003683	-.000247	-.002352	-.019396
Stddev	.0000176	.000026	.0033183	.0002009	.000076	.001113	.013768
%RSD	17.52328	225.7538	63.42851	54.55117	30.62543	47.31469	70.98370

#1	.0001206	.000015	.0050970	.0001372	-.000166	-.003632	-.034729
#2	.0000911	-.000037	.0086150	.0004668	-.000260	-.001608	-.008091
#3	.0000893	-.000013	.0019825	.0005010	-.000316	-.001816	-.015368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000187	.0210405	.0004252	.0004358	.0887434	-.000861	-.003029
Stddev	.000471	.0259475	.0001338	.0000712	.1669301	.000463	.009169
%RSD	252.2791	123.3214	31.47211	16.34107	188.1043	53.78597	302.7386

#1	-.000348	.0177050	.0004475	.0004048	-.033551	-.000401	-.006966
#2	-.000555	.0484945	.0005464	.0005172	.278921	-.000856	.007452
#3	.000344	-.003078	.0002816	.0003853	.020860	-.001327	-.009572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.47082	-.002611	-.001114	-.000219	-.019502	.0008555	.0004615
Stddev	.01820	.001909	.000253	.000154	.003136	.0001607	.0002279
%RSD	1.237444	73.11544	22.75039	70.38299	16.08247	18.78412	49.38191

#1	-1.46883	-.001617	-.000967	-.000044	-.020146	.0009155	.0002999
#2	-1.45370	-.004813	-.001407	-.000335	-.016093	.0009775	.0003625
#3	-1.48993	-.001405	-.000969	-.000277	-.022266	.0006734	.0007222

Sample Name: J3403-02 Acquired: 6/19/2018 16:08:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000723	-.002302	-.000016
Stddev	.000346	.000263	.000054
%RSD	47.80017	11.43568	329.9250

#1	-.001012	-.002425	-.000003
#2	-.000817	-.002000	-.000076
#3	-.000340	-.002482	.000029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.156	2513.655	68249.32	8593.025	4342.849
Stddev	11.465	53.320	91.18	60.979	93.357
%RSD	.4605940	2.121214	.1336018	.7096346	2.149682

#1	2482.271	2539.221	68147.27	8642.000	4392.405
#2	2482.806	2452.366	68277.92	8612.350	4235.163
#3	2502.391	2549.378	68322.77	8524.725	4400.980

Sample Name: J3403-03 Acquired: 6/19/2018 16:12:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008957	.0013421	-.000073	-.002118	-.002229	-.004325	-.000116
Stddev	.0047530	.0005357	.001519	.000550	.000347	.006183	.000327
%RSD	530.6349	39.91908	2082.729	25.95981	15.58920	142.9416	281.6869

#1	.0043919	.0011551	.001303	-.002753	-.002397	-.010078	-.000465
#2	-.004516	.0019462	.000181	-.001799	-.001829	.002212	.000185
#3	.002811	.0009248	-.001703	-.001803	-.002460	-.005109	-.000069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001115	-.000087	.0011889	-.000027	-.000206	.0004439	-.013173
Stddev	.0000476	.000069	.0037571	.000261	.000179	.0007206	.007517
%RSD	42.75038	78.91891	316.0208	981.5211	86.97183	162.3139	57.06295

#1	.0000863	-.000064	-.001435	-.000326	-.000143	.0003495	-.021835
#2	.0000817	-.000164	.005493	.000150	-.000408	.0012070	-.009315
#3	.0001664	-.000033	-.000491	.000097	-.000066	-.000225	-.008368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001298	.0071631	.0003256	.0005328	.2724467	.0003490	-.004980
Stddev	.0006324	.0101049	.0001324	.0003155	.1068366	.0044428	.007042
%RSD	487.3164	141.0673	40.65059	59.20372	39.21378	1273.065	141.3935

#1	.0000747	.0092733	.0001750	.0003338	.2975202	-.001382	-.004140
#2	-.000473	.0160463	.0003784	.0003682	.3645165	-.002968	-.012405
#3	.000788	-.003830	.0004235	.0008966	.1553032	.005397	.001603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.47742	-.002279	-.001965	-.000144	-.009010	.0099935	.0002335
Stddev	.00407	.001577	.000251	.000200	.001871	.0002044	.0001494
%RSD	.2757629	69.20285	12.78919	138.6100	20.76968	2.044838	63.95838

#1	-1.47277	-.004093	-.001846	-.000004	-.007783	.0100777	.0001516
#2	-1.47912	-.001239	-.001795	-.000373	-.008083	.0097605	.0001431
#3	-1.48037	-.001504	-.002254	-.000055	-.011164	.0101423	.0004059

Sample Name: J3403-03 Acquired: 6/19/2018 16:12:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000913	-.002307	-.000047
Stddev	.000519	.001065	.000051
%RSD	56.80741	46.18525	107.2276

#1	-.000830	-.001243	.000011
#2	-.000441	-.003374	-.000083
#3	-.001468	-.002303	-.000070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.967	2520.042	67788.95	8484.550	4350.966
Stddev	21.397	10.437	586.56	67.547	21.553
%RSD	.8669807	.4141748	.8652789	.7961150	.4953723

#1	2489.702	2508.243	68392.88	8526.400	4326.222
#2	2467.274	2523.811	67752.51	8406.625	4365.654
#3	2446.925	2528.071	67221.45	8520.625	4361.021

Sample Name: PB110305BL Acquired: 6/19/2018 16:16:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000458	-.001684	.0000615	.0006575	.0006216	-.003980	-.002252
Stddev	.003383	.000646	.0016305	.0022237	.0011990	.006943	.000255
%RSD	738.4012	38.34939	2649.799	338.2049	192.9072	174.4459	11.32923

#1	.001384	-.000963	.0017271	.0024481	.0017016	.002889	-.001957
#2	.001605	-.002208	-.000011	-.001832	-.000669	-.010994	-.002403
#3	-.004363	-.001882	-.001531	.001356	.000832	-.003834	-.002396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000102	-.000067	.0148713	.0004537	-.000308	.0007063	-.012549
Stddev	.0000700	.000046	.0090782	.0003692	.000135	.0019725	.022581
%RSD	683.7576	67.96923	61.04480	81.36630	43.92534	279.2766	179.9452

#1	.0000014	-.000026	.0048877	.0000752	-.000284	.0029417	-.033254
#2	.0000843	-.000059	.0170956	.0008128	-.000455	-.000789	-.015920
#3	-.000055	-.000116	.0226306	.0004731	-.000187	-.000034	.011528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005306	.0161431	-.000138	.0003836	-.021604	-.002758	.0002694
Stddev	.0007469	.0316061	.000090	.0003062	.093932	.002823	.0050201
%RSD	140.7661	195.7876	65.24526	79.82737	434.7930	102.3612	1863.795

#1	.0010086	-.017868	-.000062	.0004779	-.019212	-.000579	-.005370
#2	.0009133	.044610	-.000237	.0006317	-.116710	-.005948	.001926
#3	-.000330	.021688	-.000114	.0000413	.071109	-.001747	.004252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.175828	-.002132	-.000694	-.000237	-.012853	-.001942	.0007700
Stddev	.037889	.000668	.000470	.000024	.001701	.001378	.0007580
%RSD	21.54864	31.31592	67.66524	10.03651	13.23529	70.95137	98.43480

#1	-.196271	-.002866	-.001086	-.000233	-.014539	-.000422	.0015867
#2	-.132109	-.001968	-.000173	-.000216	-.011137	-.002294	.0006344
#3	-.199105	-.001561	-.000823	-.000263	-.012883	-.003110	.0000890

Sample Name: PB110305BL Acquired: 6/19/2018 16:16:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001015	-.001588	-.000043
Stddev	.0007530	.001114	.000049
%RSD	742.2165	70.12375	115.9201

#1	.0000789	-.000557	-.000098
#2	.0008655	-.002769	-.000003
#3	-.000640	-.001439	-.000026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.072	2366.695	63389.11	8119.167	4081.575
Stddev	5.378	9.660	216.57	78.849	9.760
%RSD	.2369105	.4081531	.3416483	.9711471	.2391350

#1	2271.187	2359.719	63348.49	8039.550	4082.071
#2	2264.224	2362.645	63195.72	8197.225	4071.575
#3	2274.806	2377.720	63623.11	8120.725	4091.077

Sample Name: PB110305BS Acquired: 6/19/2018 16:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198654	.0484451	.0192160	.0643369	.1144722	.4019966
Stddev	.0021034	.0015547	.0016687	.0022760	.0018291	.0017716
%RSD	10.58821	3.209241	8.684136	3.537616	1.597853	.4406937

#1	.0222604	.0494076	.0211390	.0649654	.1165777	.4014402
#2	.0183186	.0492763	.0183602	.0618127	.1135640	.4039796
#3	.0190170	.0466515	.0181488	.0662327	.1132749	.4005700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3867996	.0098639	.0094839	9.633501	.0210623	.0904785
Stddev	.0027140	.0001288	.0000180	.023653	.0003907	.0007203
%RSD	.7016542	1.305538	.1896945	.2455322	1.854783	.7960726

#1	.3899258	.0097280	.0094631	9.652272	.0206735	.0896907
#2	.3854262	.0099842	.0094944	9.606934	.0210587	.0911033
#3	.3850469	.0098794	.0094942	9.641298	.0214548	.0906416

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508884	.2037240	.0324141	9.254763	.0783793	.0179645
Stddev	.0027347	.0083560	.0005904	.110610	.0008208	.0004650
%RSD	5.373862	4.101646	1.821433	1.195172	1.047267	2.588303

#1	.0509128	.2128134	.0329168	9.133030	.0787840	.0181653
#2	.0481416	.2019830	.0317639	9.349103	.0774347	.0174328
#3	.0536108	.1963757	.0325616	9.282154	.0789192	.0182952

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.984150	.1041146	.1112982	9.160558	F .0108484	F .0174437
Stddev	.104697	.0032875	.0077676	.067633	.0009448	.0004646
%RSD	1.165354	3.157583	6.979084	.7383115	8.708941	2.663351

#1	8.872284	.1023385	.1169938	9.091581	.0117242	.0175898
#2	9.000385	.1020971	.1024499	9.226763	.0109738	.0178178
#3	9.079781	.1079081	.1144509	9.163331	.0098471	.0169237

Sample Name: PB110305BS Acquired: 6/19/2018 16:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192170	.1438827	.1874090	F .0142751	.1909514	.0901264
Stddev	.0003724	.0056770	.0019262	.0015355	.0023391	.0008044
%RSD	1.937873	3.945542	1.027815	10.75634	1.224959	.8925234

#1	.0188014	.1495405	.1881696	.0127938	.1890937	.0894470
#2	.0195205	.1439207	.1888388	.0158595	.1901824	.0899176
#3	.0193292	.1381868	.1852186	.0141718	.1935782	.0910146

Elem	Sr4077
Units	ppm
Avg	.1920607
Stddev	.0002418
%RSD	.1259184

#1	.1921923
#2	.1922082
#3	.1917816

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.669	2341.331	63416.03	8129.974	4004.819
Stddev	11.345	9.320	201.42	23.399	14.954
%RSD	.5002820	.3980605	.3176229	.2878087	.3734116

#1	2257.555	2348.965	63432.40	8148.808	4016.412
#2	2265.516	2344.083	63206.91	8103.780	4010.107
#3	2279.936	2330.945	63608.76	8137.333	3987.939

Sample Name: J3403-01 Acquired: 6/19/2018 16:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158044	-.012738	1.250205	.0111425	.0091897	84.27833	1.197067
Stddev	.0026962	.003239	.011070	.0028449	.0018453	.54506	.009136
%RSD	2.328204	25.42551	.8854921	25.53172	20.08043	.6467417	.7632322

#1	.1153828	-.016324	1.237443	.0081651	.0071547	83.67931	1.189133
#2	.1186865	-.010025	1.255953	.0114294	.0107544	84.74509	1.207056
#3	.1133438	-.011866	1.257219	.0138331	.0096601	84.41058	1.195013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064564	.0375679	166.2206	.1431005	.0714953	.4614754	177.2567
Stddev	.0001095	.0002075	1.0069	.0010902	.0004179	.0015672	1.4336
%RSD	1.695553	.5522219	.6057408	.7618333	.5845411	.3396020	.8087492

#1	.0063527	.0373291	165.1188	.1435208	.0711497	.4607637	175.6505
#2	.0064459	.0376707	167.0929	.1418627	.0719598	.4632721	177.7130
#3	.0065708	.0377038	166.4500	.1439180	.0713764	.4603904	178.4066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.341052	42.75265	.1067604	.0024856	1.946619	.4129612	.9950042
Stddev	.032012	.43504	.0002270	.0002661	.135611	.0062977	.0038944
%RSD	.7374332	1.017575	.2126589	10.70501	6.966482	1.525018	.3913981

#1	4.304740	42.26777	.1069912	.0022629	2.038648	.4200881	.9964825
#2	4.365197	42.88140	.1065373	.0024137	1.790885	.4081459	.9905871
#3	4.353220	43.10879	.1067527	.0027803	2.010323	.4106497	.9979430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.76223	3.905223	.1982871	.0060507	2.586298	13.64160	.0082396
Stddev	.14559	.033118	.0018009	.0002884	.025922	.07369	.0008437
%RSD	.6689810	.8480390	.9082476	4.765879	1.002293	.5401981	10.23965

#1	21.61027	3.877601	.1968927	.0063654	2.565095	13.57895	.0076004
#2	21.90047	3.941937	.1976482	.0057993	2.615197	13.62305	.0079224
#3	21.77594	3.896130	.2003204	.0059872	2.578602	13.72279	.0091959

Sample Name: J3403-01 Acquired: 6/19/2018 16:32:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.647781	.0963403	.5291597
Stddev	.021149	.0004113	.0033395
%RSD	.7987432	.4269672	.6311006

#1	2.623474	.0960359	.5257958
#2	2.661975	.0968082	.5324743
#3	2.657894	.0961766	.5292090

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.689	2431.199	67864.12	8861.909	3607.345
Stddev	4.702	10.375	166.84	41.965	19.660
%RSD	.1957836	.4267524	.2458462	.4735449	.5450009

#1	2396.691	2439.798	67739.18	8900.265	3627.346
#2	2406.025	2419.675	68053.59	8868.376	3588.044
#3	2402.352	2434.123	67799.60	8817.085	3606.645

Sample Name: J3403-04 Acquired: 6/19/2018 16:36:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1176226	-.012276	1.230519	.0079752	.0072943	82.81452	1.176502
Stddev	.0030481	.002170	.008769	.0037907	.0003271	4.06305	.054973
%RSD	2.591470	17.67813	.7125934	47.53068	4.484106	4.906210	4.672617

#1	.1188621	-.013970	1.223453	.0112539	.0069170	85.13467	1.209932
#2	.1141499	-.013029	1.227770	.0088471	.0074677	85.18588	1.206518
#3	.1198557	-.009830	1.240332	.0038245	.0074982	78.12300	1.113054

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064190	.0368108	164.5459	.1465726	.0709996	.4545390	174.4058
Stddev	.0004308	.0005258	8.0004	.0069306	.0010993	.0201888	8.8539
%RSD	6.711619	1.428352	4.862125	4.728443	1.548369	4.441602	5.076626

#1	.0066303	.0366261	169.0076	.1412166	.0704136	.4645529	179.2638
#2	.0067034	.0364023	169.3205	.1544002	.0703174	.4677634	179.7674
#3	.0059234	.0374040	155.3095	.1441010	.0722678	.4313008	164.1863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.268162	42.10446	.1046375	.0014581	1.871363	.3969394	1.015782
Stddev	.199303	2.12052	.0006772	.0007430	.046066	.0194968	.022187
%RSD	4.669537	5.036338	.6471505	50.95915	2.461650	4.911794	2.184252

#1	4.390132	43.35499	.1053777	.0022631	1.819182	.4061295	.997363
#2	4.376187	43.30231	.1040493	.0013125	1.888510	.4101427	1.040413
#3	4.038167	39.65608	.1044855	.0007986	1.906396	.3745459	1.009569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.31145	3.859054	.1963935	.0057093	2.547585	13.47637	.0082040
Stddev	1.03227	.031217	.0088843	.0004187	.010965	.64580	.0009696
%RSD	4.843718	.8089405	4.523707	7.333195	.4304180	4.792058	11.81834

#1	21.94223	3.859669	.2041385	.0059437	2.556179	13.78377	.0085229
#2	21.87195	3.827534	.1983470	.0059583	2.535236	13.91104	.0089740
#3	20.12018	3.889960	.1866951	.0052260	2.551341	12.73430	.0071151

Sample Name: J3403-04 Acquired: 6/19/2018 16:36:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.600422	.0949245	.5234499
Stddev	.125805	.0048875	.0246135
%RSD	4.837884	5.148810	4.702171

#1	2.672397	.0984648	.5380174
#2	2.673712	.0969606	.5373006
#3	2.455156	.0893482	.4950317

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.584	2476.653	66578.33	9034.358	3666.669
Stddev	68.502	15.981	2157.24	410.887	21.274
%RSD	2.910538	.6452589	3.240159	4.548050	.5802037

#1	2405.751	2474.137	68002.62	8814.450	3660.718
#2	2276.008	2493.742	64096.37	8780.227	3690.285
#3	2378.994	2462.079	67636.01	9508.398	3649.004

Sample Name: J3403-05 Acquired: 6/19/2018 16:40:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2054153	.1126569	1.246920	.1263540	.2432420	86.65366	7.124401
Stddev	.0024913	.0026173	.008900	.0039223	.0084609	.13009	.116478
%RSD	1.212820	2.323280	.7137278	3.104194	3.478375	.1501236	1.634910

#1	.2053726	.1125649	1.239567	.1303499	.2524573	86.51006	7.236562
#2	.2029456	.1153190	1.244380	.1262023	.2414442	86.68729	7.132600
#3	.2079276	.1100867	1.256814	.1225097	.2358245	86.76364	7.004040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1435575	.1637697	163.7878	.6992344	1.345282	1.170392	174.0753
Stddev	.0020386	.0048863	.1653	.0091180	.049691	.017935	1.5003
%RSD	1.420096	2.983609	.1009092	1.303993	3.693760	1.532378	.8618649

#1	.1454394	.1690896	163.6310	.7047598	1.398375	1.188316	173.1318
#2	.1438412	.1627375	163.9604	.7042332	1.337578	1.170414	173.2887
#3	.1413918	.1594820	163.7719	.6887103	1.299892	1.152446	175.8053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.644001	41.19841	1.434291	.1236285	1.852539	1.899036	2.342767
Stddev	.022843	.39028	.049133	.0016150	.092399	.020366	.012663
%RSD	.4047321	.9473174	3.425593	1.306356	4.987681	1.072464	.5405060

#1	5.665337	41.05356	1.486780	.1250453	1.935812	1.921663	2.346495
#2	5.646763	40.90126	1.426694	.1239702	1.868667	1.893273	2.353148
#3	5.619902	41.64040	1.389399	.1218699	1.753138	1.882172	2.328659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.82286	3.774784	.1957517	.0058374	2.506288	13.32241	.0077670
Stddev	.04848	.050224	.0028824	.0001111	.049040	.05747	.0008236
%RSD	.2328150	1.330506	1.472486	1.903689	1.956693	.4313464	10.60353

#1	20.80946	3.731782	.1936932	.0057435	2.466178	13.25864	.0072098
#2	20.78249	3.762587	.1945159	.0058087	2.491726	13.33840	.0087130
#3	20.87663	3.829983	.1990460	.0059601	2.560960	13.37019	.0073781

Sample Name: J3403-05 Acquired: 6/19/2018 16:40:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.552216	.0948762	.5170712
Stddev	.013087	.0009628	.0004558
%RSD	.5127695	1.014773	.0881598

#1	2.537800	.0937647	.5166528
#2	2.555501	.0954111	.5175570
#3	2.563349	.0954528	.5170039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.565	2461.496	67851.35	8940.780	3668.445
Stddev	9.974	17.447	215.97	17.025	26.174
%RSD	.4144640	.7087814	.3183031	.1904145	.7134955

#1	2417.640	2469.479	68037.17	8937.113	3683.422
#2	2398.291	2473.523	67614.40	8959.340	3683.691
#3	2403.764	2441.486	67902.49	8925.888	3638.222

Sample Name: J3403-01LX5 Acquired: 6/19/2018 16:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0GP3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271474	-.004431	.2542109	.0026048	.0002028	18.29626	.2598425
Stddev	.0032558	.002622	.0042683	.0033984	.0008707	.06591	.0005860
%RSD	11.99311	59.17005	1.679032	130.4681	429.2489	.3602647	.2255005

#1	.0296839	-.005668	.2501429	.0007825	.0004874	18.26039	.2603059
#2	.0234760	-.006206	.2586546	.0065257	.0008957	18.25606	.2591838
#3	.0282822	-.001420	.2538353	.0005062	-.000775	18.37233	.2600378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014959	.0073318	37.30500	.0316883	.0134634	.1007390	39.98614
Stddev	.0000218	.0001576	.10679	.0003555	.0002475	.0045629	.13440
%RSD	1.458380	2.149090	.2862731	1.121907	1.838426	4.529478	.3361235

#1	.0015002	.0072728	37.20008	.0320247	.0132798	.1031687	39.84094
#2	.0015153	.0075104	37.30136	.0317238	.0133656	.1035731	40.01126
#3	.0014723	.0072123	37.41357	.0313164	.0137449	.0954754	40.10620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9613712	9.376409	.0212506	.0008462	.3364993	.0858498	.2173219
Stddev	.0063036	.030847	.0004487	.0000616	.1011663	.0019181	.0025391
%RSD	.6556925	.3289826	2.111639	7.283602	30.06433	2.234289	1.168350

#1	.9540925	9.345426	.0207434	.0007933	.3631289	.0860311	.2194308
#2	.9649804	9.376683	.0214123	.0008313	.2246819	.0838475	.2180314
#3	.9650408	9.407118	.0215960	.0009139	.4216872	.0876709	.2145036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.488662	.7676527	.0450448	.0011987	.4947541	3.096290	.0022634
Stddev	.025786	.0110398	.0009003	.0001752	.0106169	.004089	.0006488
%RSD	.5744772	1.438125	1.998675	14.61184	2.145893	.1320590	28.66483

#1	4.495506	.7554091	.0440641	.0013478	.4966357	3.099174	.0016259
#2	4.460144	.7707007	.0452362	.0010058	.4833222	3.091610	.0029229
#3	4.510335	.7768482	.0458339	.0012424	.5043043	3.098085	.0022412

Sample Name: J3403-01LX5 Acquired: 6/19/2018 16:44:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0GP3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5820678	.0199007	.1181519
Stddev	.0032575	.0006945	.0002723
%RSD	.5596421	3.489823	.2304827

#1	.5785752	.0193151	.1178451
#2	.5850235	.0206680	.1183649
#3	.5826046	.0197190	.1182456

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.058	2373.206	65187.80	8311.548	3931.105
Stddev	11.689	11.928	602.24	48.053	20.237
%RSD	.5020904	.5025934	.9238465	.5781451	.5148039

#1	2318.125	2386.479	64682.57	8337.825	3952.644
#2	2325.110	2369.754	65026.60	8340.732	3928.185
#3	2340.939	2363.386	65854.23	8256.087	3912.486

Sample Name: CCV032 Acquired: 6/19/2018 16:48:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	4.662387	4.531904	23.15236	4.618029	4.740618	380.2510
Stddev	.120648	.109748	.54316	.108136	.130237	.8561
%RSD	2.587696	2.421679	2.346005	2.341602	2.747247	.2251388

#1	4.604320	4.492707	22.90825	4.546058	4.680214	381.0163
#2	4.581752	4.447137	22.77409	4.565649	4.651552	380.4103
#3	4.801089	4.655869	23.77474	4.742380	4.890089	379.3265

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.521484	.4746540	2.314015	377.6052	14.51554	2.291835
Stddev	.027872	.0014394	.052985	.5402	.04959	.057583
%RSD	.2927259	.3032432	2.289756	.1430692	.3416029	2.512549

#1	9.523418	.4756309	2.290056	377.8312	14.54012	2.265569
#2	9.548338	.4753301	2.277241	377.9957	14.54805	2.252068
#3	9.492695	.4730011	2.374748	376.9887	14.45847	2.357868

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17338	374.5360	13.90695	373.1092	2.359268	1.225666
Stddev	.02608	1.9830	.01781	1.4543	.059056	.002249
%RSD	.1840135	.5294657	.1280744	.3897719	2.503151	.1834710

#1	14.18886	376.8158	13.92033	374.6858	2.331286	1.224717
#2	14.18800	373.2103	13.91378	371.8203	2.319403	1.228234
#3	14.14327	373.5820	13.88673	372.8214	2.427114	1.224048

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	365.1136	2.387644	13.92407	143.6203	F 3.540805	4.793979
Stddev	.8601	.015714	.01513	.2117	.078922	.014119
%RSD	.2355583	.6581187	.1086581	.1474135	2.228932	.2945235

#1	364.7696	2.388488	13.94100	143.6688	3.513316	4.810005
#2	366.0924	2.371525	13.91934	143.8036	3.479303	4.788562
#3	364.4787	2.402919	13.91187	143.3886	3.629796	4.783370

Sample Name: CCV032 Acquired: 6/19/2018 16:48:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	4.631923	4.772070	4.673361	4.723477	4.748053	4.731644
Stddev	.120263	.127079	.020051	.115705	.010745	.020372
%RSD	2.596406	2.662970	.4290527	2.449571	.2262969	.4305495

#1	4.577843	4.730599	4.684040	4.675001	4.756017	4.725487
#2	4.548193	4.670908	4.685813	4.639894	4.752311	4.754384
#3	4.769732	4.914704	4.650231	4.855535	4.735832	4.715060

Elem	Sr4077
Units	ppm
Avg	4.671652
Stddev	.016683
%RSD	.3571074

#1	4.690770
#2	4.664145
#3	4.660042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.462	1954.498	56203.74	7685.656	3034.909
Stddev	6.208	41.542	177.43	39.528	60.613
%RSD	.3209389	2.125474	.3156938	.5143100	1.997199

#1	1938.947	1975.302	56094.97	7659.295	3062.175
#2	1927.376	1981.528	56107.76	7666.567	3077.100
#3	1937.063	1906.664	56408.49	7731.105	2965.451

Sample Name: CCB032 Acquired: 6/19/2018 16:52:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	-.002099	-.000506	.0001394	.0006900	.0004030	-.000285	-.001242
Stddev	.001941	.001793	.0023390	.0042856	.0009130	.007605	.000595
%RSD	92.48806	354.4883	1677.839	621.0501	226.5773	2666.556	47.89304

#1	-.003505	-.002544	-.000041	-.002251	.0001750	.004924	-.001768
#2	.000116	.000828	-.002104	-.001285	-.000374	.003233	-.001362
#3	-.002906	.000199	.002563	.005607	.001408	-.009013	-.000597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	.0001133	.0063463	.0004950	-.000136	.0002102	-.007465
Stddev	.0000723	.0000223	.0057023	.0000947	.000297	.0005153	.015631
%RSD	904.0169	19.67328	89.85304	19.12128	218.4609	245.0963	209.3873

#1	-.000036	.0001389	.0097582	.0005967	-.000466	.0004909	-.013047
#2	.000091	.0001027	.0095173	.0004094	.000110	.0005243	-.019539
#3	-.000031	.0000983	-.000237	.0004790	-.000052	-.000384	.010191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002286	.0075036	-.000057	.0005148	-.073104	.0005871	-.006955
Stddev	.0009639	.0203136	.000216	.0001731	.044871	.0025331	.006203
%RSD	421.6026	270.7174	380.8793	33.63415	61.37957	431.4821	89.18389

#1	.0004598	-.015840	.000178	.0006152	-.022936	.0035118	-.000108
#2	-.000830	.021162	-.000247	.0006143	-.109403	-.000842	-.008560
#3	.001056	.017189	-.000102	.0003148	-.086972	-.000909	-.012198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.113675	-.001771	.0046657	.0000522	-.019522	-.002135	.0011032
Stddev	.027753	.001002	.0001137	.0001657	.002148	.000545	.0009194
%RSD	24.41459	56.55088	2.437258	317.5506	11.00245	25.54415	83.34327

#1	-.145504	-.001514	.0046520	.0000898	-.017304	-.001738	.0007382
#2	-.094536	-.002876	.0047857	-.000129	-.021592	-.002756	.0021490
#3	-.100983	-.000923	.0045595	.000196	-.019671	-.001910	.0004223

Sample Name: CCB032 Acquired: 6/19/2018 16:52:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v573) 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	.0004913	.0000665	.0000274
Stddev	.0007372	.0012376	.0000559
%RSD	150.0370	1859.808	203.6976

#1	-.000291	-.001278	.0000157
#2	.001174	.001158	.0000882
#3	.000591	.000320	-.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.078	2385.726	64467.46	8172.117	4109.963
Stddev	8.655	7.084	57.15	29.085	9.919
%RSD	.3740285	.2969394	.0886571	.3559007	.2413448

#1	2312.937	2388.211	64429.92	8191.725	4114.202
#2	2306.049	2391.233	64533.24	8185.925	4117.058
#3	2323.247	2377.734	64439.23	8138.700	4098.629