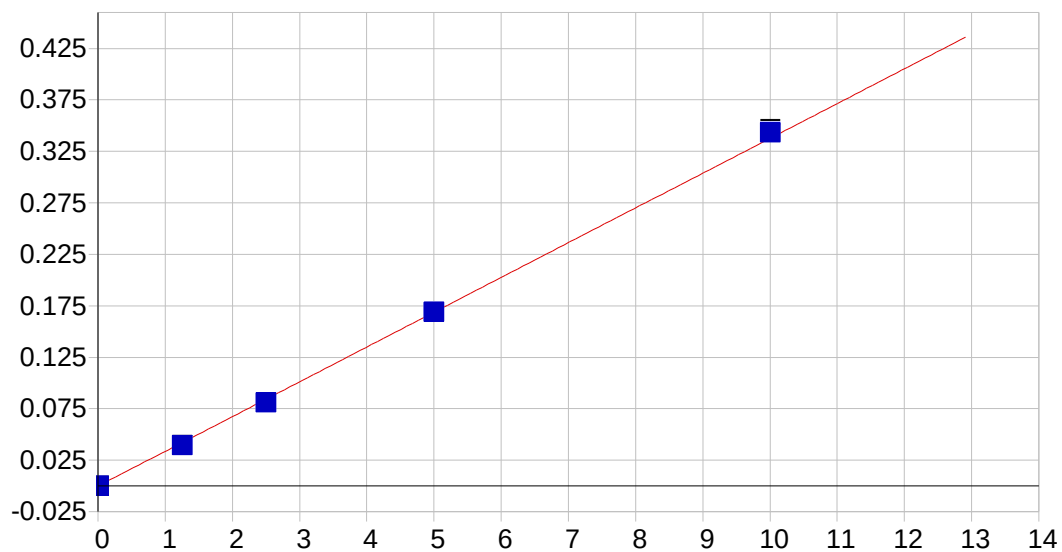




As 189.042 {479}

Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000189

Re-Slope: 1.000000

A1 (Gain): 0.033787

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999661

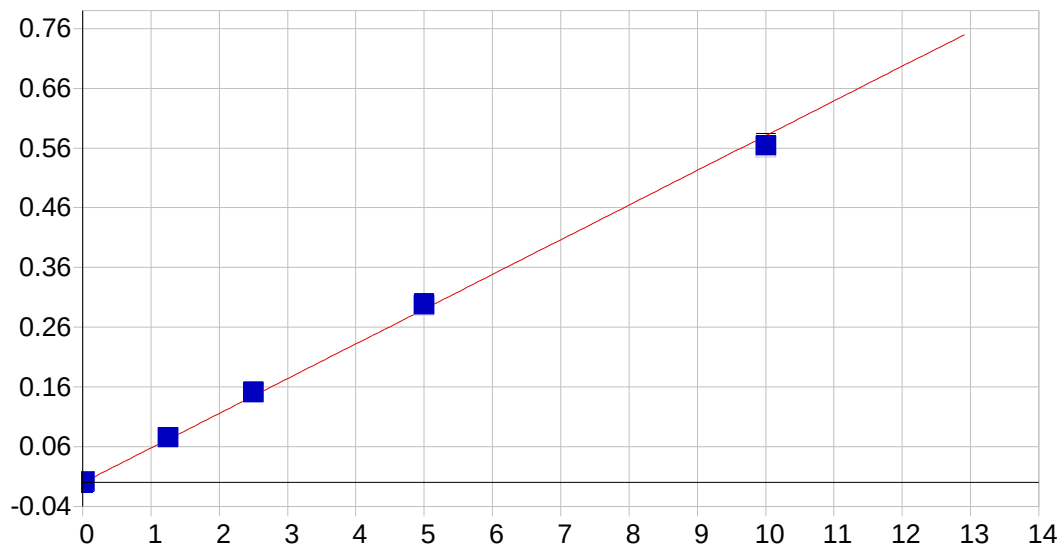
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.003388

Predicted MQL: 0.011293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01000	.01186	.002	18.6	.00021	.000	1
S2	1.2500	1.1672	-.083	-6.62	.03935	.000	1
S3	2.5000	2.4004	-.100	-3.98	.08111	.000	1
S4	5.0000	5.0074	.007	.148	.16940	.000	1
S5	10.000	10.173	.173	1.73	.34433	.002	1

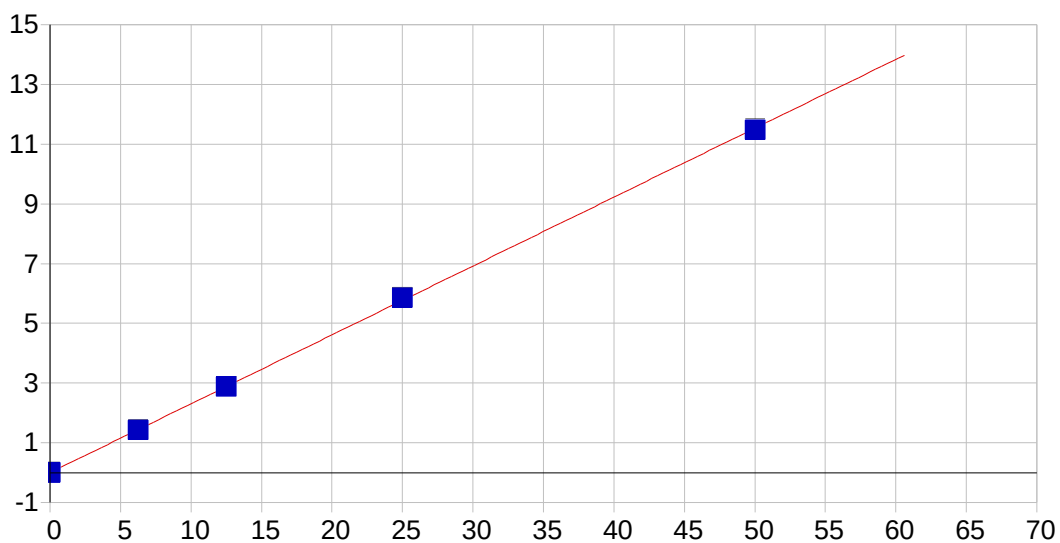


TI 190.856 {477}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.058097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999490 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002103
 Predicted MQL: 0.007009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.02500	.02659	.002	6.37	.00125	.000	1
S2	1.2500	1.3097	.060	4.78	.07538	.000	1
S3	2.5000	2.6008	.101	4.03	.14995	.001	1
S4	5.0000	5.1299	.130	2.60	.29600	.002	1
S5	10.000	9.7079	-.292	-2.92	.56022	.004	1

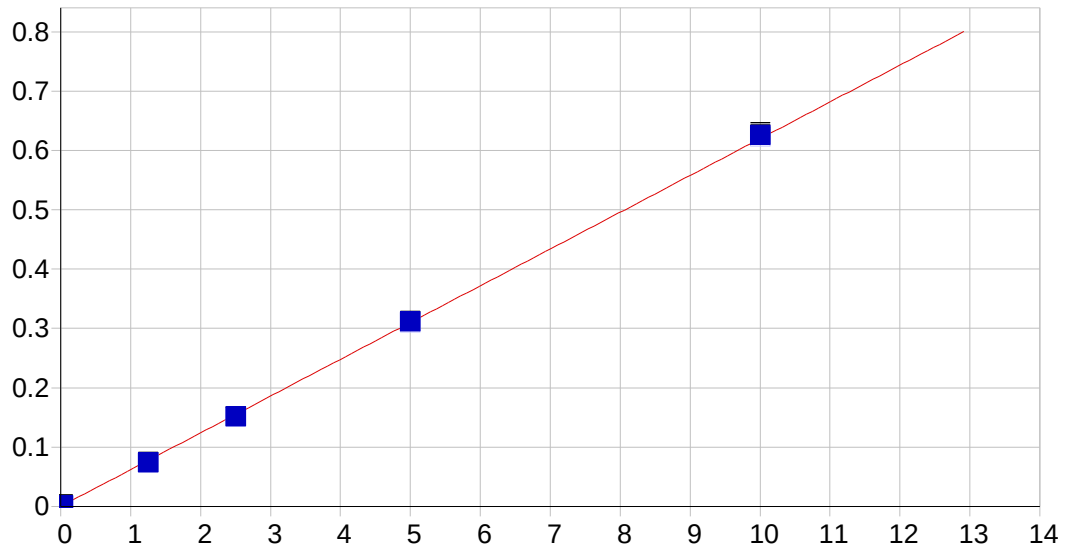


Pb 220.353 {453}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.230642 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001415
 Predicted MQL: 0.004718

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.00946	-.001	-5.44	.00188	.000	1
S2	6.2500	6.1464	-.104	-1.66	1.4196	.004	1
S3	12.500	12.463	-.037	-.296	2.8787	.004	1
S4	25.000	25.370	.370	1.48	5.8602	.008	1
S5	50.000	49.771	-.229	-.459	11.497	.012	1



Se 196.090 {472}

Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000178

Re-Slope: 1.000000

A1 (Gain): 0.061962

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999856

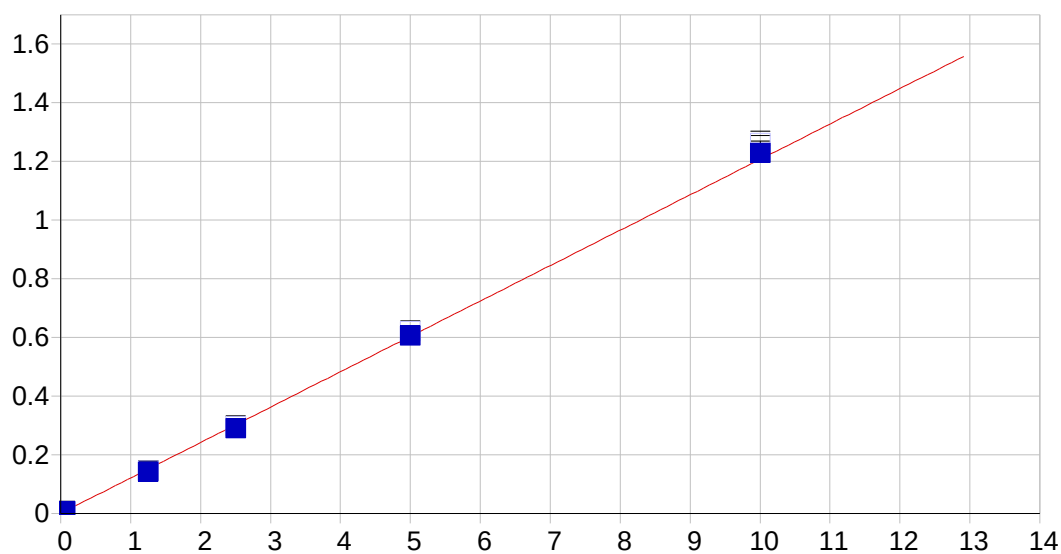
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.002937

Predicted MQL: 0.009789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.03500	.03235	-.003	-7.58	.00218	.000	1
S2	1.2500	1.1946	-.055	-4.43	.07384	.000	1
S3	2.5000	2.4365	-.063	-2.54	.15042	.000	1
S4	5.0000	5.0218	.022	.435	.30988	.001	1
S5	10.000	10.100	.100	.998	.62307	.005	1

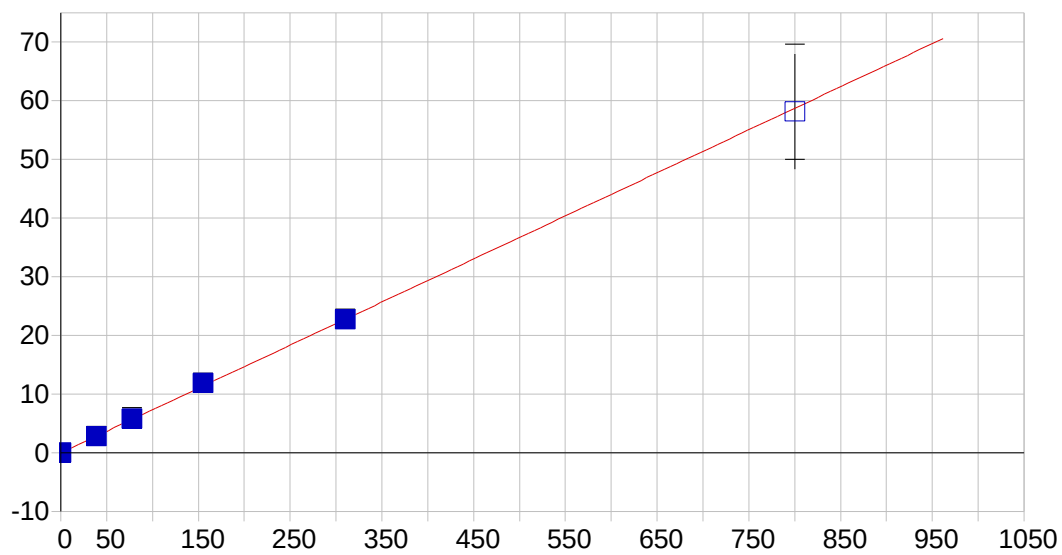


Sb 206.833 {463}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.120654 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999665 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.001684
 Predicted MQL: 0.005612

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00061	.000	1
S1	.06000	.05388	-.006	-10.2	.00711	.000	1
S2	1.2500	1.1699	-.080	-6.41	.14587	.000	1
S3	2.5000	2.3965	-.104	-4.14	.29797	.000	1
S4	5.0000	5.0096	.010	.191	.62147	.000	1
S5	10.000	10.180	.180	1.80	1.2617	.008	1

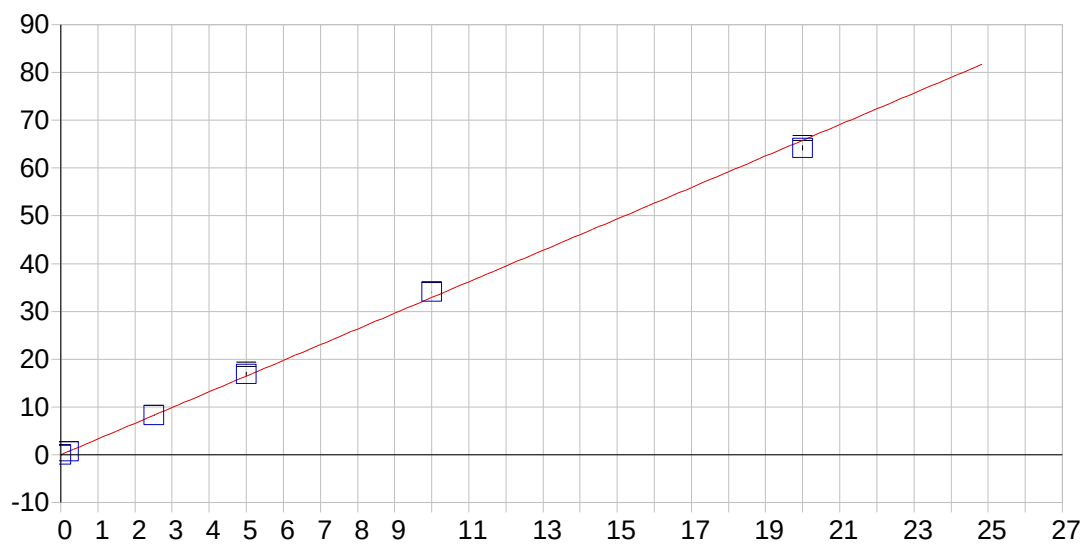


AI 396.152 { 85}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000896 Re-Slope: 1.000000
 A1 (Gain): 0.073417 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857 Status: OK.
 Std Error of Est: 0.000772
 Predicted MDL: 0.012030
 Predicted MQL: 0.040098

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00089	.001	1
S1	.20000	.20321	.003	1.61	.01584	.001	1
S2	38.750	38.640	-.110	-.284	2.8404	.003	1
S3	77.500	79.510	2.01	2.59	5.8436	.136	1
S4	155.00	161.42	6.42	4.14	11.863	.053	1
S5	310.00	309.42	-.578	-.187	22.739	.046	1
S6	800.00	792.25	-7.75	-.969	58.165	9.85	1

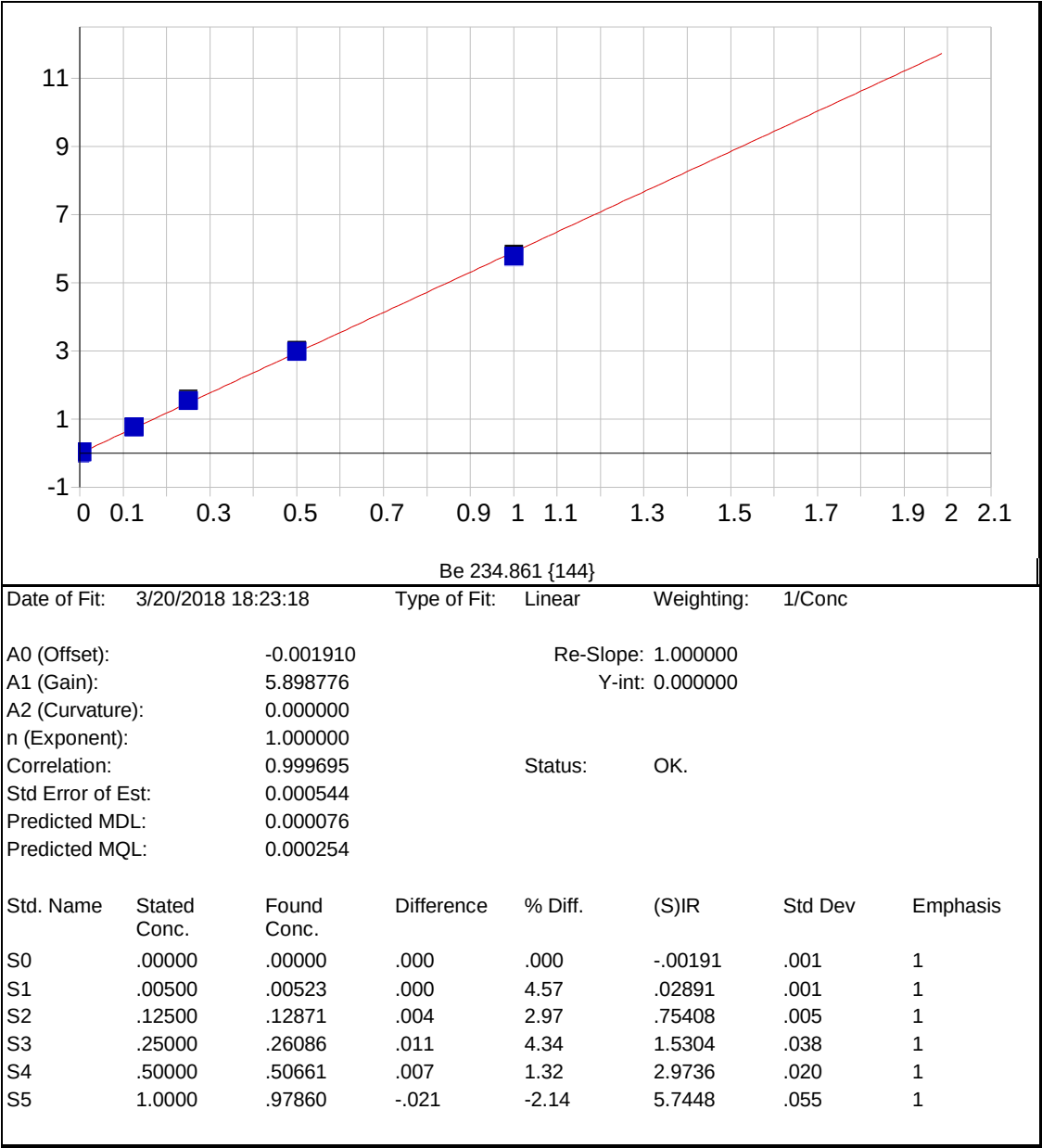


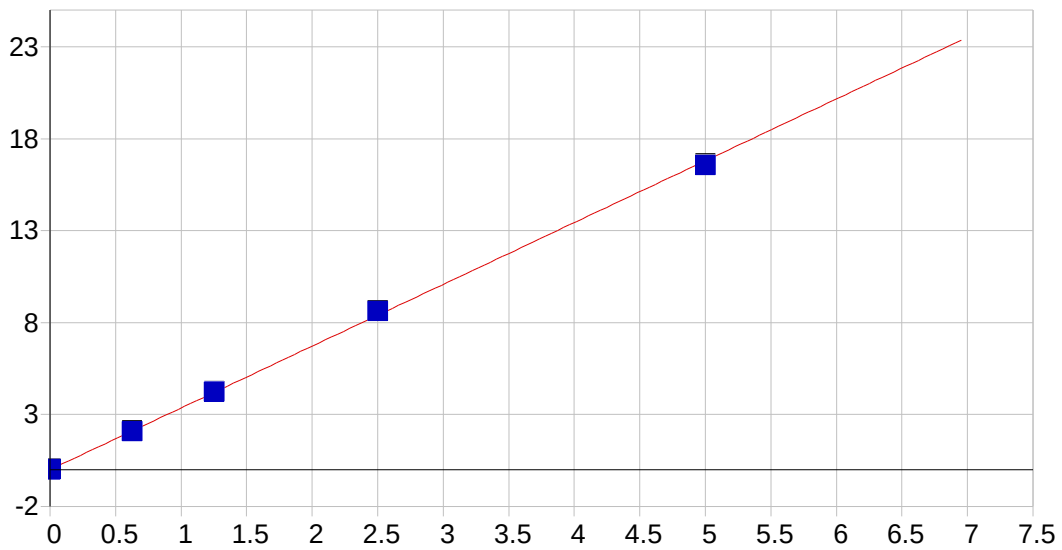
Ba 493.409 { 68}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000610 Re-Slope: 1.000000
 A1 (Gain): 3.290013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999640 Status: OK.
 Std Error of Est: 0.009385
 Predicted MDL: 0.000712
 Predicted MQL: 0.002373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.002	1
S1	.20000	.19607	-.004	-1.96	.64569	.001	1
S2	2.5000	2.5055	.005	.220	8.2437	.020	1
S3	5.0000	5.1345	.135	2.69	16.893	.435	1
S4	10.000	10.345	.345	3.45	34.035	.063	1
S5	20.000	19.519	-.481	-2.40	64.219	.486	1



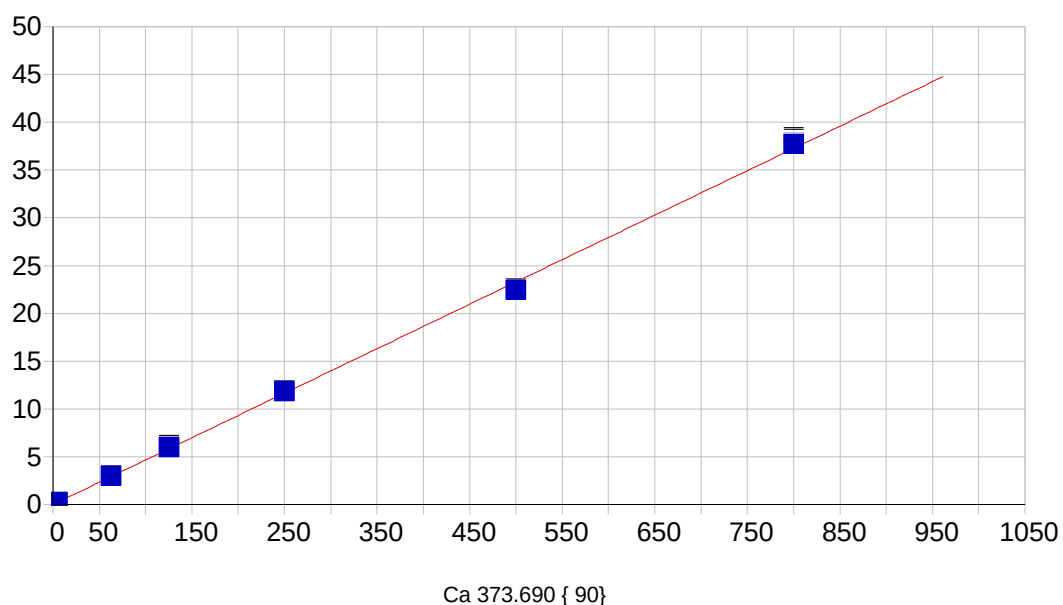


Cd 214.438 {457}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000323 Re-Slope: 1.000000
 A1 (Gain): 3.360265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000486
 Predicted MDL: 0.000068
 Predicted MQL: 0.000227

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.00500	.00487	.000	-2.64	.01605	.000	1
S2	.62500	.62431	-.001	-.111	2.1018	.007	1
S3	1.2500	1.2625	.013	1.00	4.2507	.010	1
S4	2.5000	2.5624	.062	2.50	8.6274	.028	1
S5	5.0000	4.9259	-.074	-1.48	16.586	.056	1



Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002522

Re-Slope: 1.000000

A1 (Gain): 0.046575

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999733

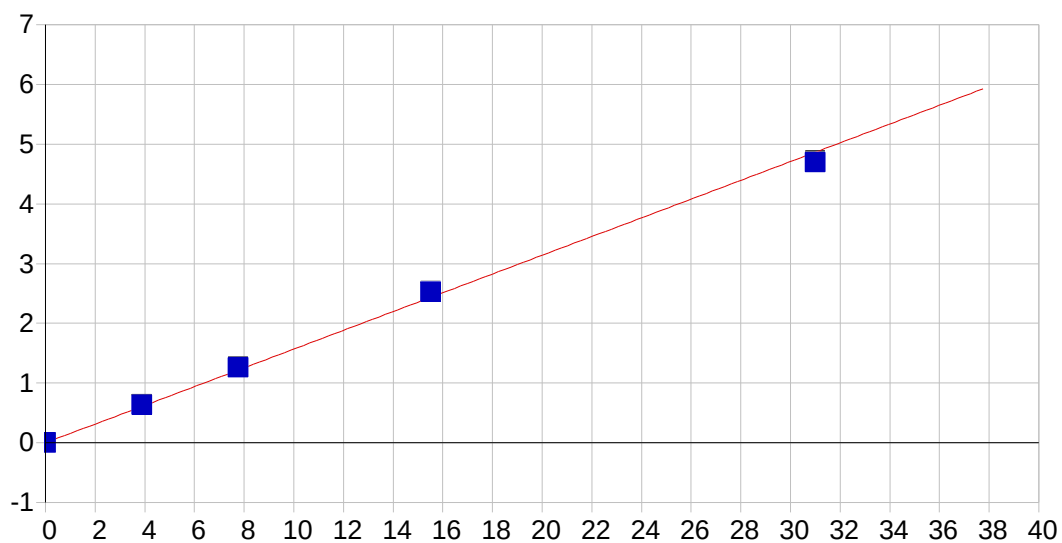
Status: OK.

Std Error of Est: 0.003778

Predicted MDL: 0.017800

Predicted MQL: 0.059334

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	.000	.000	.00251	.000	1
S1	5.0000	5.1102	.110	2.20	.24055	.001	1
S2	62.500	63.765	1.27	2.02	2.9827	.006	1
S3	125.00	128.69	3.69	2.95	6.0169	.164	1
S4	250.00	253.74	3.74	1.50	11.862	.056	1
S5	500.00	482.05	-17.9	-3.59	22.537	.077	1
S6	800.00	809.12	9.12	1.14	37.908	.519	1

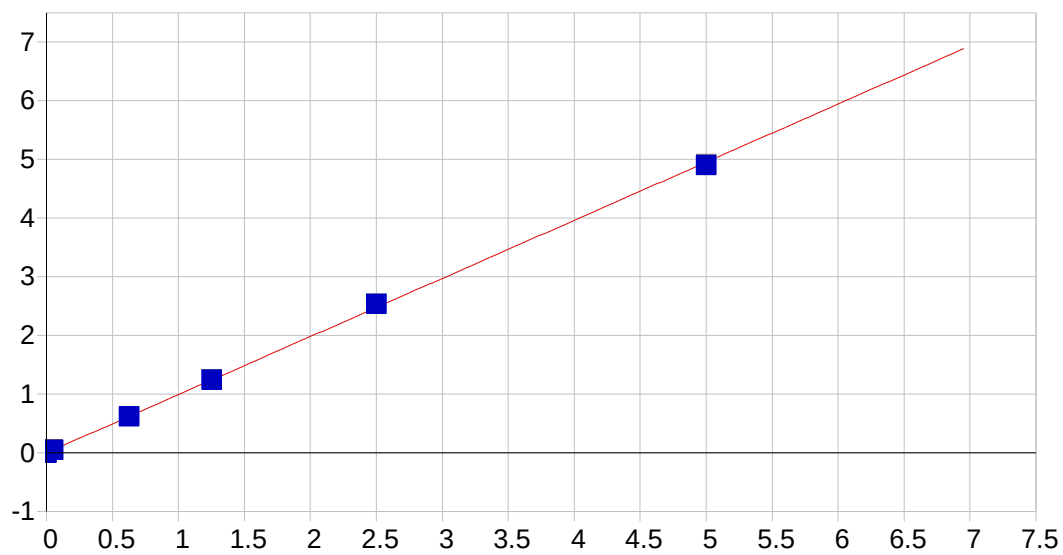


Cr 267.716 {126}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.156959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999266 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.000579
 Predicted MQL: 0.001931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.01115	.001	11.5	.00164	.000	1
S2	3.8750	4.0595	.185	4.76	.63814	.002	1
S3	7.7500	8.0505	.301	3.88	1.2656	.001	1
S4	15.500	16.126	.626	4.04	2.5352	.002	1
S5	31.000	29.888	-1.11	-3.59	4.6997	.025	1

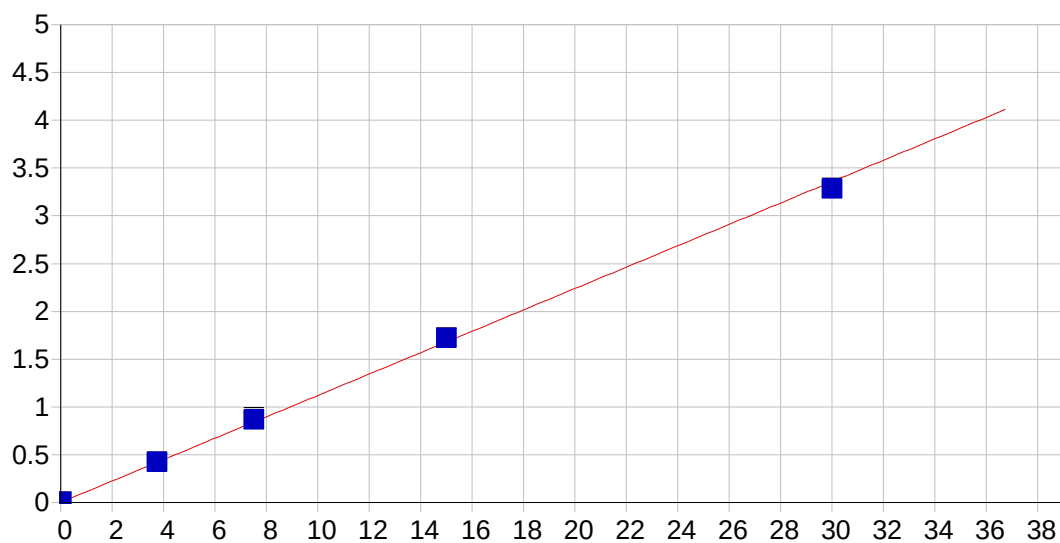


Co 228.616 {448}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000386 Re-Slope: 1.000000
 A1 (Gain): 0.990989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000430
 Predicted MDL: 0.000229
 Predicted MQL: 0.000765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.05000	.04603	-.004	-7.93	.04542	.000	1
S2	.62500	.61963	-.005	-.859	.61489	.002	1
S3	1.2500	1.2568	.007	.547	1.2476	.001	1
S4	2.5000	2.5603	.060	2.41	2.5417	.004	1
S5	5.0000	4.9423	-.058	-1.15	4.9072	.011	1

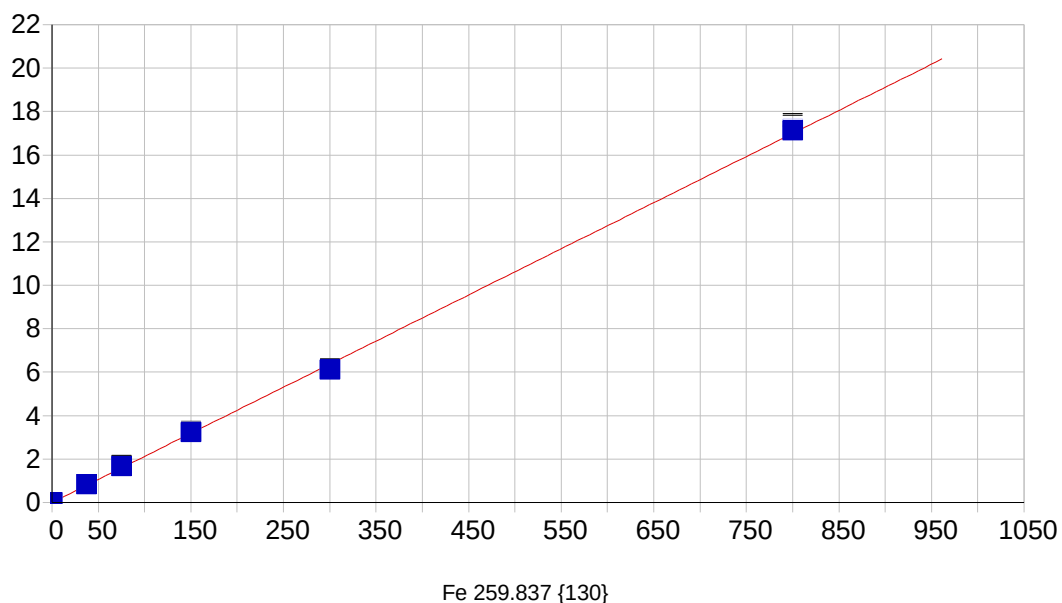


Cu 324.754 {104}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000781 Re-Slope: 1.000000
 A1 (Gain): 0.111900 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000122
 Predicted MDL: 0.003677
 Predicted MQL: 0.012256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.02500	.02395	-.001	-4.20	.00345	.000	1
S2	3.7500	3.7969	.047	1.25	.42540	.001	1
S3	7.5000	7.7376	.238	3.17	.86610	.023	1
S4	15.000	15.372	.372	2.48	1.7199	.004	1
S5	30.000	29.345	-.655	-2.18	3.2824	.006	1



Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000208

Re-Slope: 1.000000

A1 (Gain): 0.021238

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999720

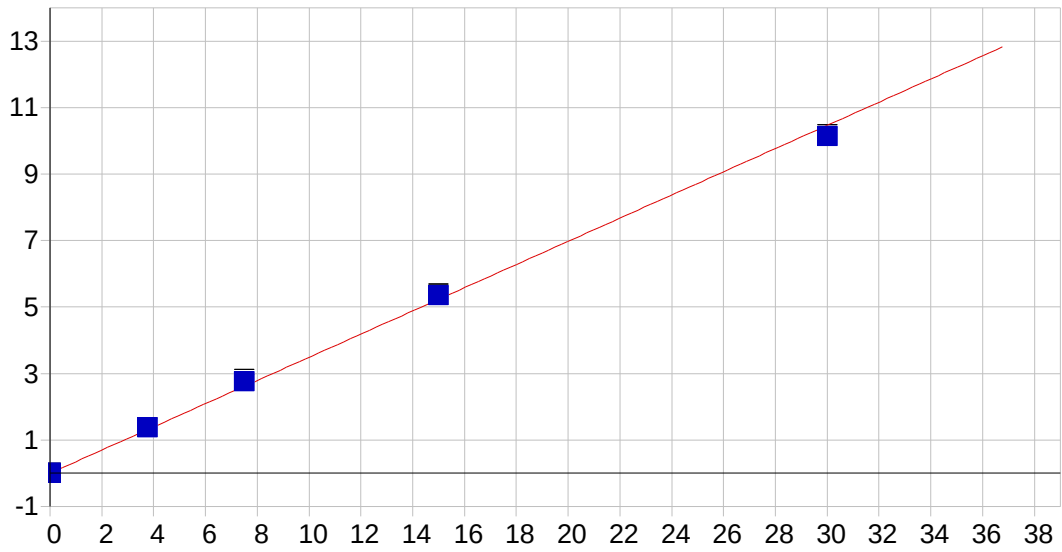
Status: OK.

Std Error of Est: 0.000221

Predicted MDL: 0.011403

Predicted MQL: 0.038010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.10000	.09409	-.006	-5.91	.00225	.000	1
S2	37.500	38.831	1.33	3.55	.82918	.001	1
S3	75.000	77.909	2.91	3.88	1.6634	.045	1
S4	150.00	152.57	2.57	1.71	3.2576	.016	1
S5	300.00	287.44	-12.6	-4.19	6.1390	.022	1
S6	800.00	805.76	5.76	.720	17.190	.258	1

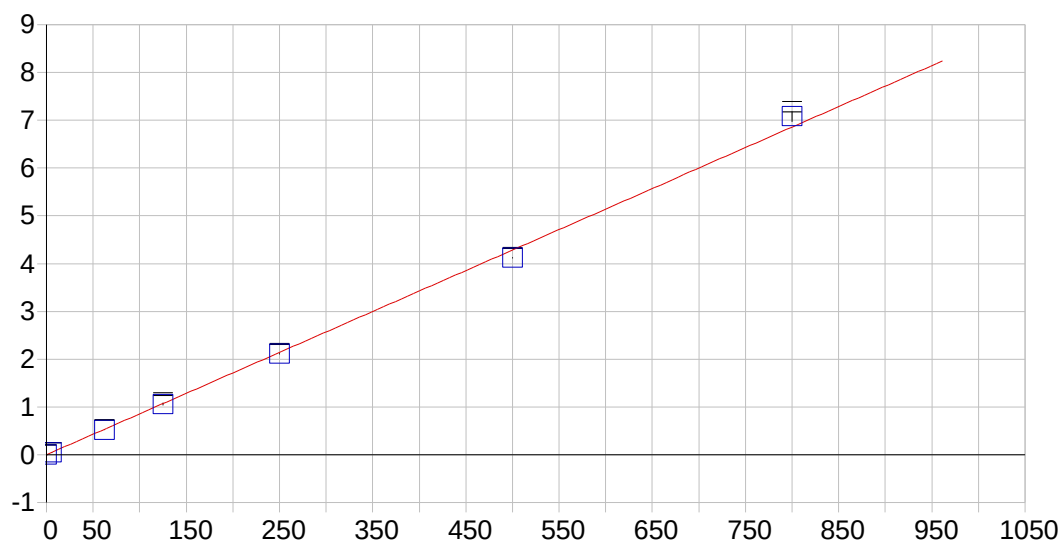


Mn 257.610 {131}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.348820 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999402 Status: OK.
 Std Error of Est: 0.000429
 Predicted MDL: 0.000706
 Predicted MQL: 0.002352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01500	.01606	.001	7.04	.00545	.001	1
S2	3.7500	3.9301	.180	4.80	1.3710	.004	1
S3	7.5000	7.8974	.397	5.30	2.7552	.073	1
S4	15.000	15.357	.357	2.38	5.3578	.037	1
S5	30.000	29.065	-.935	-3.12	10.141	.042	1

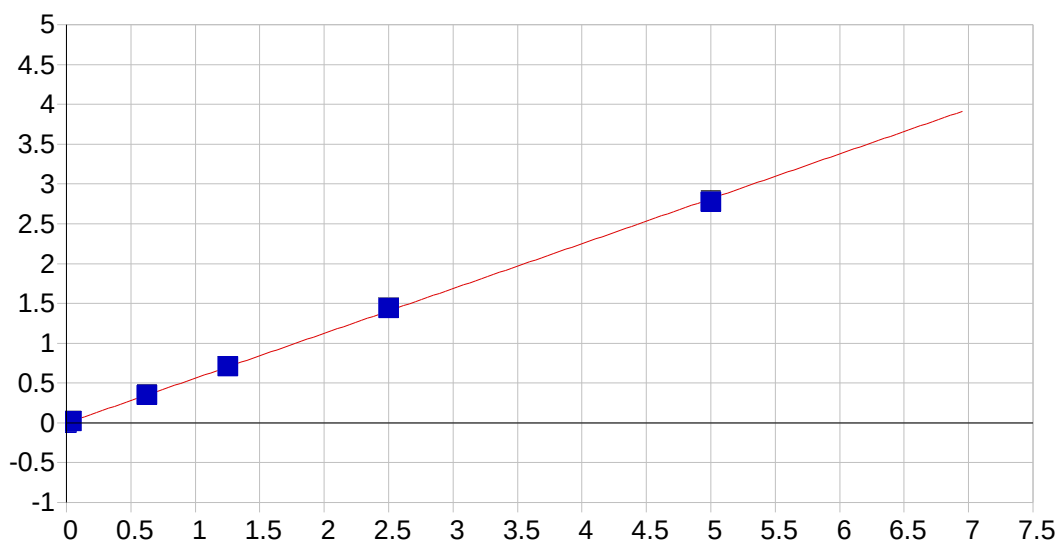


Mg 279.079 {121}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000551 Re-Slope: 1.000000
 A1 (Gain): 0.008570 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999518 Status: OK.
 Std Error of Est: 0.000929
 Predicted MDL: 0.034231
 Predicted MQL: 0.114104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	-.00055	.000	1
S1	5.0000	4.8223	-.178	-3.55	.04078	.000	1
S2	62.500	60.876	-1.62	-2.60	.52118	.002	1
S3	125.00	123.78	-1.22	-.976	1.0603	.029	1
S4	250.00	245.78	-4.22	-1.69	2.1058	.011	1
S5	500.00	481.23	-18.8	-3.75	4.1238	.013	1
S6	800.00	826.01	26.0	3.25	7.0787	.109	1

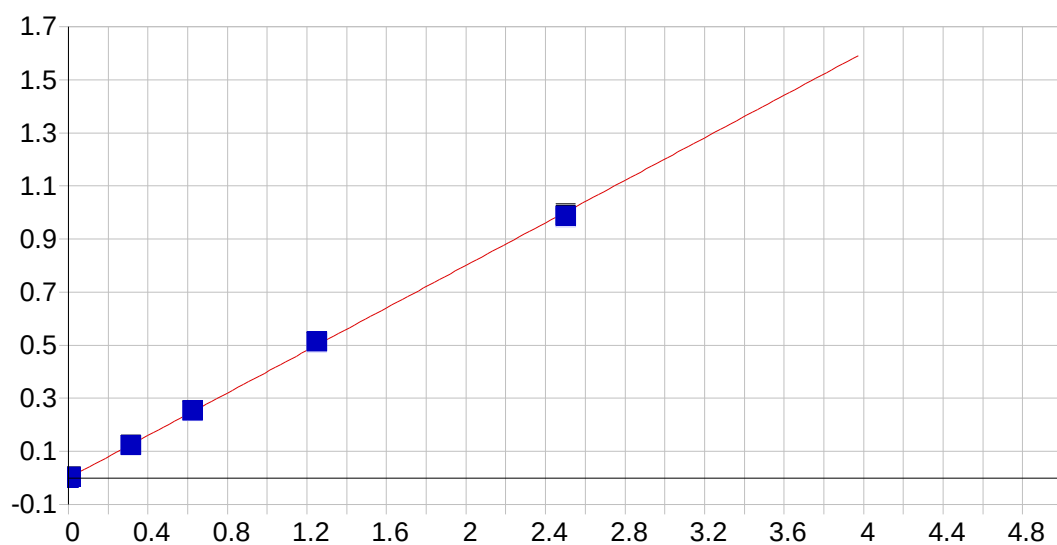


Ni 231.604 {446}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001539 Re-Slope: 1.000000
 A1 (Gain): 0.562996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.000411
 Predicted MQL: 0.001369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00154	.000	1
S1	.04000	.03835	-.002	-4.13	.02006	.000	1
S2	.62500	.62537	.000	.060	.35127	.001	1
S3	1.2500	1.2617	.012	.934	.71023	.001	1
S4	2.5000	2.5623	.062	2.49	1.4439	.001	1
S5	5.0000	4.9273	-.073	-1.45	2.7783	.008	1

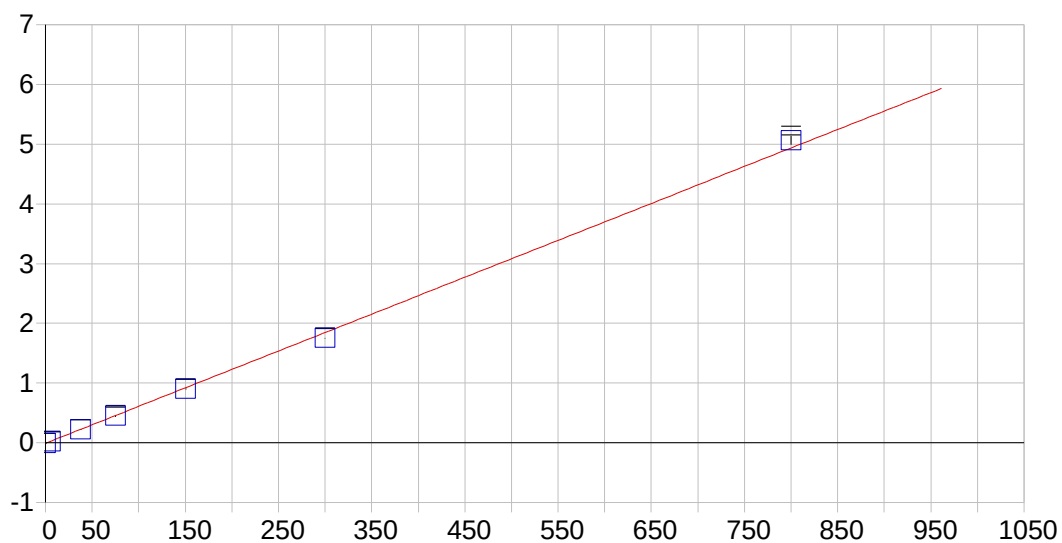


Ag 328.068 {103}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.400426 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.000437
 Predicted MQL: 0.001455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01000	.01014	.000	1.44	.00389	.000	1
S2	.31250	.30841	-.004	-1.31	.12250	.000	1
S3	.62500	.63199	.007	1.12	.25121	.001	1
S4	1.2500	1.2816	.032	2.53	.50963	.000	1
S5	2.5000	2.4653	-.035	-1.39	.98021	.009	1



Na 818.326 { 41}

Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007379

Re-Slope: 1.000000

A1 (Gain): 0.006177

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999508

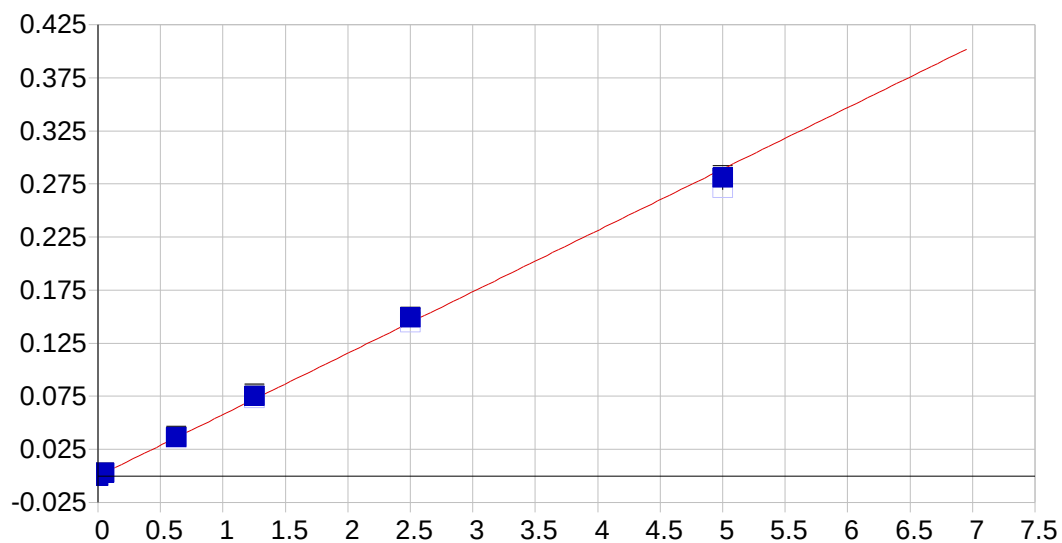
Status: OK.

Std Error of Est: 0.000599

Predicted MDL: 0.277240

Predicted MQL: 0.924135

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	-.00738	.001	1
S1	5.0000	4.8924	-.108	-2.15	.02284	.001	1
S2	37.500	36.605	-.895	-2.39	.21874	.000	1
S3	75.000	73.653	-1.35	-1.80	.44760	.011	1
S4	150.00	147.22	-2.78	-1.85	.90207	.001	1
S5	300.00	285.06	-14.9	-4.98	1.7535	.006	1
S6	800.00	820.06	20.1	2.51	5.0584	.074	1

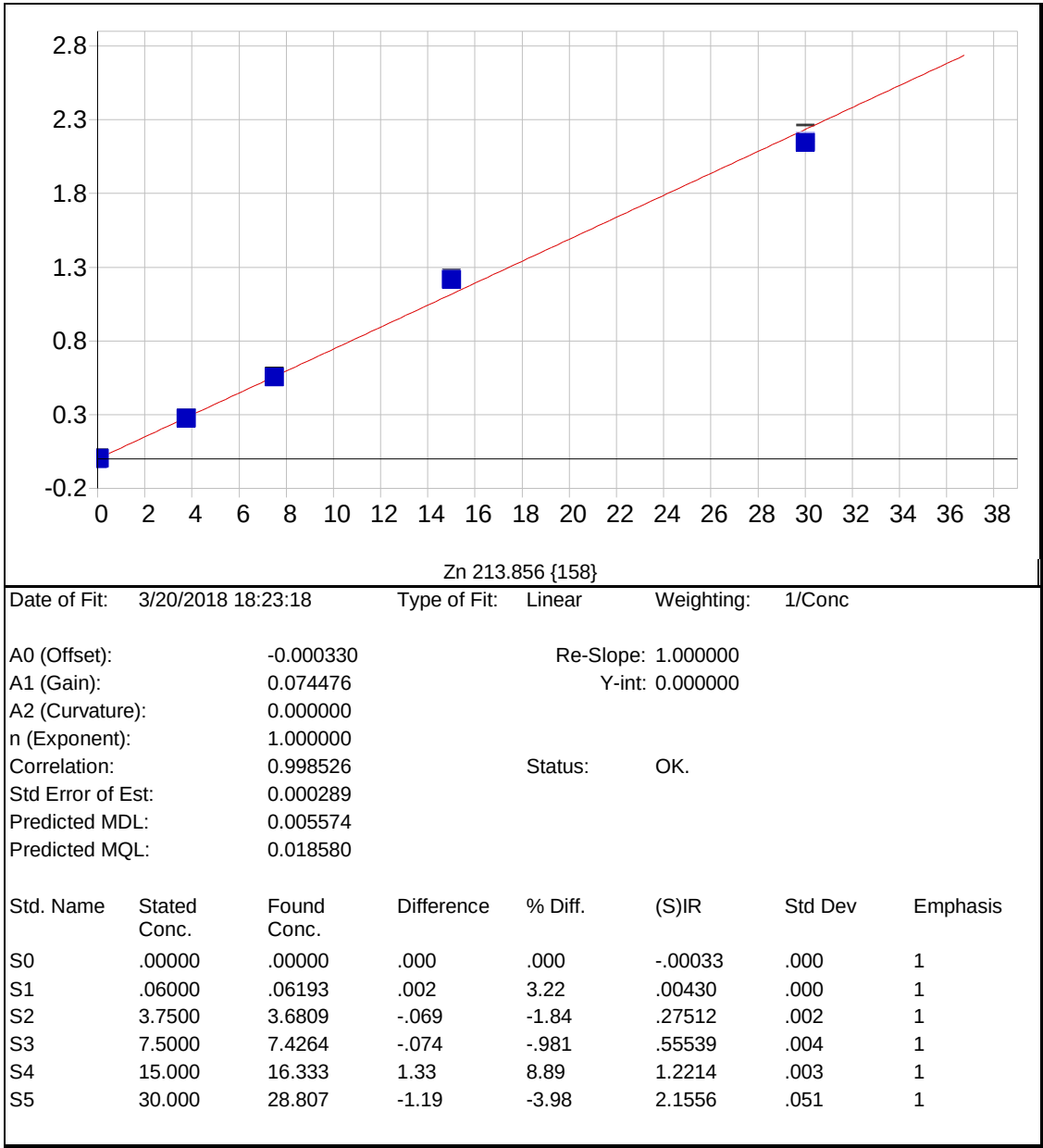


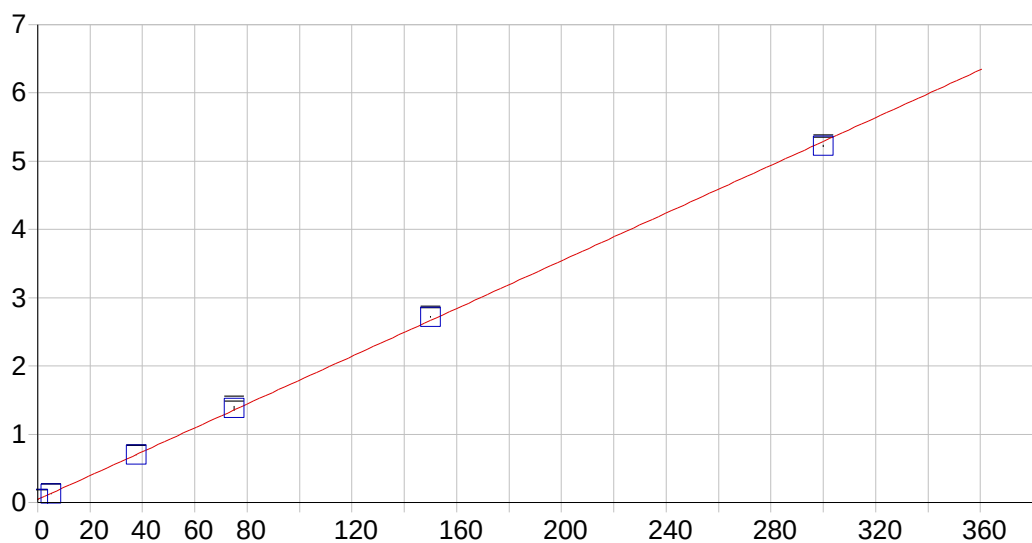
V 292.402 {115}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000
 A1 (Gain): 0.057823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999477 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.005035
 Predicted MQL: 0.016784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.05000	.04752	-.002	-4.96	.00267	.000	1
S2	.62500	.63555	.011	1.69	.03548	.001	1
S3	1.2500	1.3035	.054	4.28	.07292	.002	1
S4	2.5000	2.5806	.081	3.22	.14437	.001	1
S5	5.0000	4.8579	-.142	-2.84	.27129	.002	1



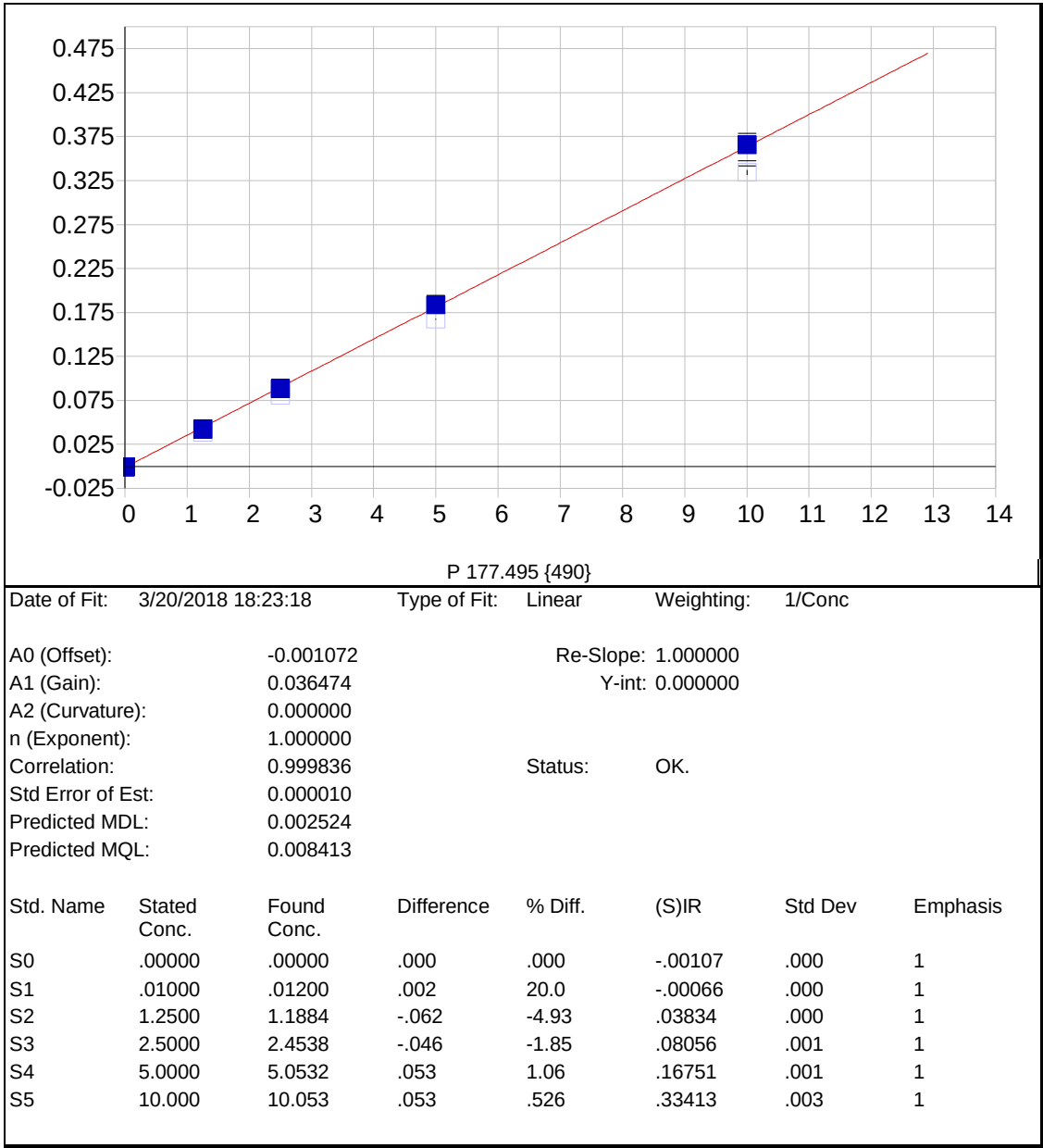


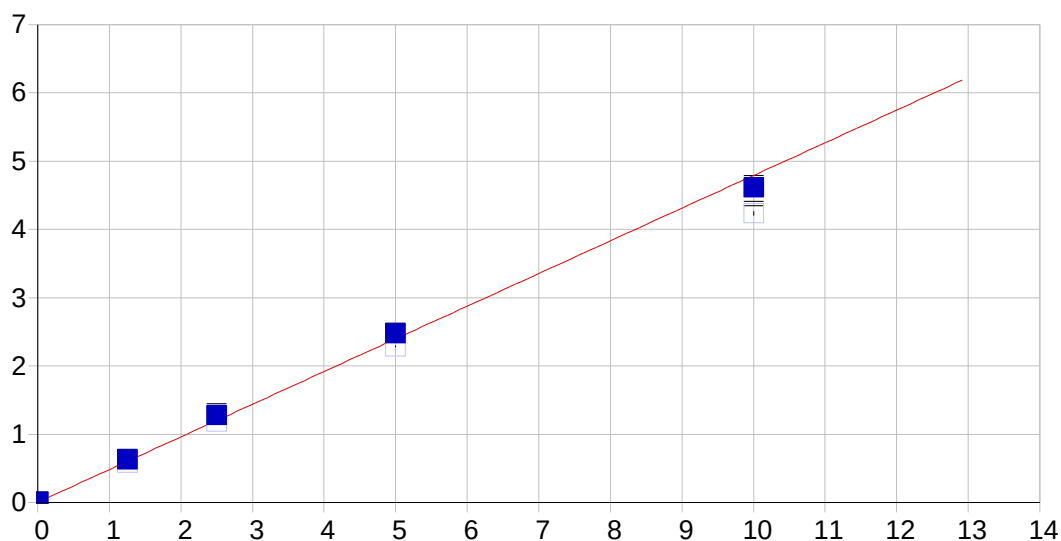
K 769.896 { 44}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.044524 Re-Slope: 1.000000
 A1 (Gain): 0.017481 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000576
 Predicted MDL: 0.079335
 Predicted MQL: 0.264449

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.04453	.001	1
S1	5.0000	4.7907	-.209	-4.19	.12827	.001	1
S2	37.500	37.242	-.258	-.688	.69555	.003	1
S3	75.000	76.309	1.31	1.75	1.3785	.037	1
S4	150.00	153.03	3.03	2.02	2.7197	.013	1
S5	300.00	296.12	-3.88	-1.29	5.2211	.015	1





B 249.678 {135}

Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003456

Re-Slope: 1.000000

A1 (Gain): 0.478775

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999039

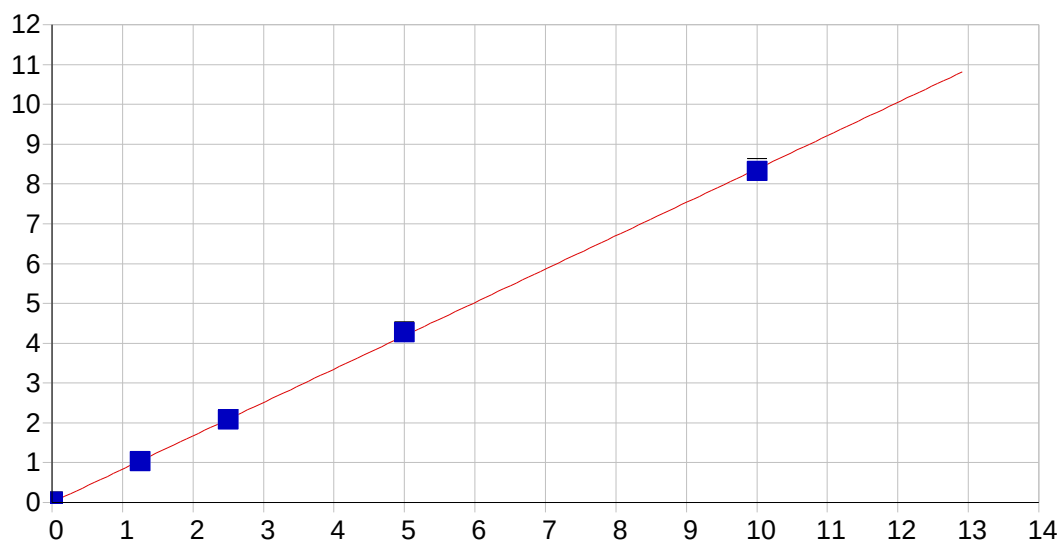
Status: OK.

Std Error of Est: 0.000324

Predicted MDL: 0.001092

Predicted MQL: 0.003640

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00346	.000	1
S1	.01000	.00868	-.001	-13.2	.00752	.001	1
S2	1.2500	1.3025	.052	4.20	.57963	.007	1
S3	2.5000	2.6569	.157	6.28	1.1807	.027	1
S4	5.0000	5.1581	.158	3.16	2.2834	.012	1
S5	10.000	9.6339	-.366	-3.66	4.2367	.030	1

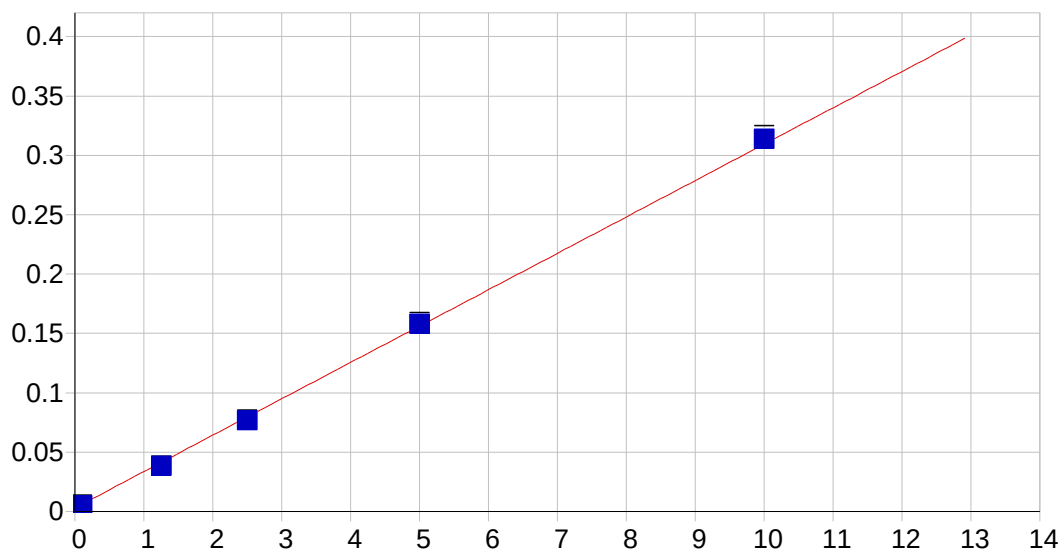


Mo 202.030 {467}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.837402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000174
 Predicted MDL: 0.000245
 Predicted MQL: 0.000818

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.01000	.00955	.000	-4.53	.00832	.000	1
S2	1.2500	1.2260	-.024	-1.92	1.0269	.004	1
S3	2.5000	2.4813	-.019	-.748	2.0781	.004	1
S4	5.0000	5.0986	.099	1.97	4.2697	.009	1
S5	10.000	9.9446	-.055	-.554	8.3276	.059	1

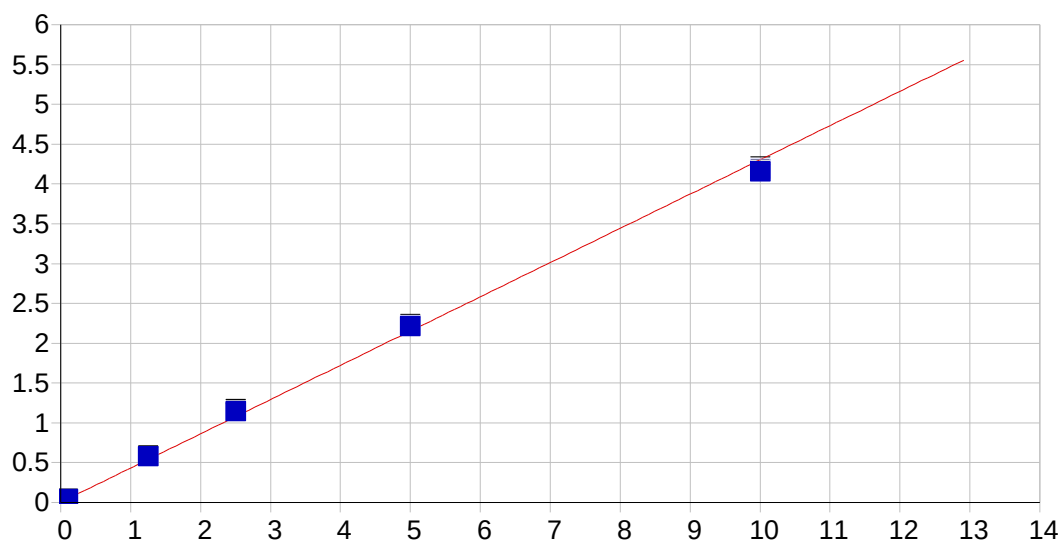


S 182.034 {485}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002981 Re-Slope: 1.000000
 A1 (Gain): 0.030636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999457 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.003646
 Predicted MQL: 0.012153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00298	.000	1
S1	.10000	.07378	-.026	-26.2	.00524	.000	1
S2	1.2500	1.1555	-.095	-7.56	.03839	.000	1
S3	2.5000	2.4074	-.093	-3.71	.07676	.000	1
S4	5.0000	5.0656	.066	1.31	.15823	.001	1
S5	10.000	10.148	.148	1.48	.31398	.003	1

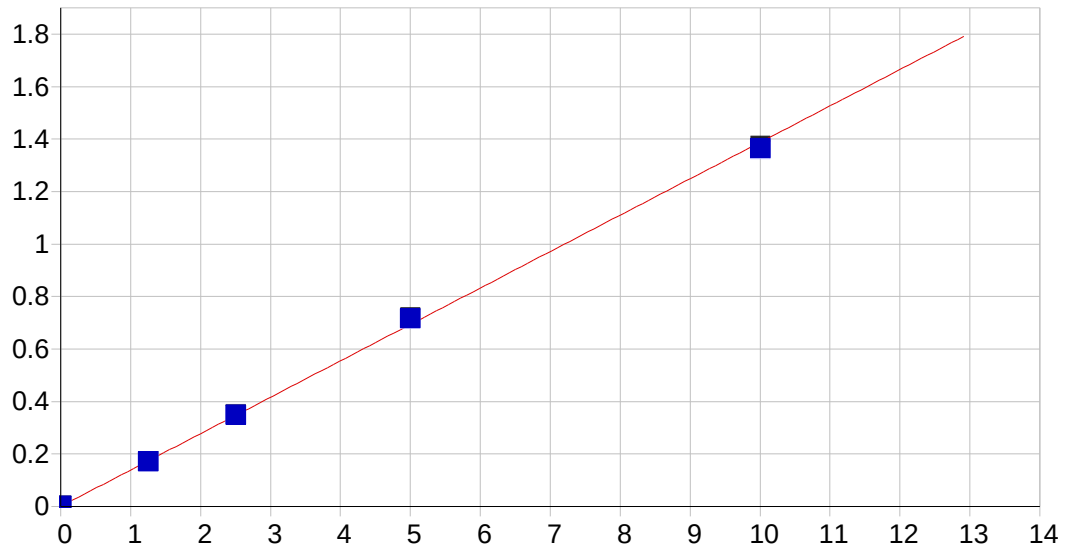


Si 251.611 {134}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003024 Re-Slope: 1.000000
 A1 (Gain): 0.429961 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999207 Status: OK.
 Std Error of Est: 0.000918
 Predicted MDL: 0.001228
 Predicted MQL: 0.004094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00302	.001	1
S1	.10000	.09253	-.007	-7.47	.04296	.001	1
S2	1.2500	1.3324	.082	6.59	.58030	.008	1
S3	2.5000	2.6460	.146	5.84	1.1495	.025	1
S4	5.0000	5.1319	.132	2.64	2.2272	.013	1
S5	10.000	9.6472	-.353	-3.53	4.1862	.029	1

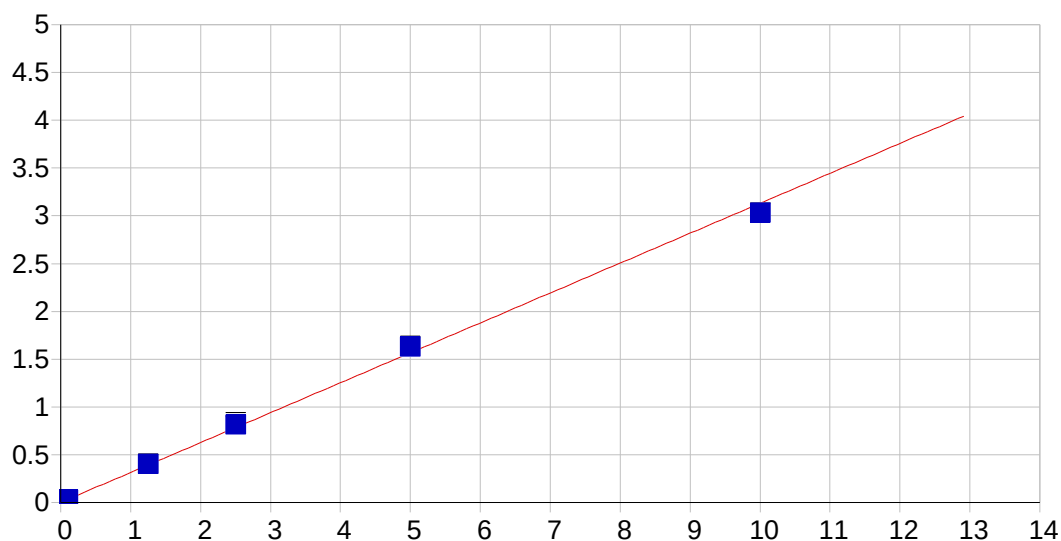


Sn 189.989 {478}

Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.138737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999777 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.000844
 Predicted MQL: 0.002814

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00707	.000	.953	.00109	.000	1
S2	1.2500	1.2324	-.018	-1.41	.17074	.001	1
S3	2.5000	2.5190	.019	.761	.34886	.001	1
S4	5.0000	5.1623	.162	3.25	.71481	.003	1
S5	10.000	9.8363	-.164	-1.64	1.3617	.008	1



Ti 336.121 {100}

Date of Fit: 3/20/2018 18:23:18

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000824

Re-Slope: 1.000000

A1 (Gain): 0.313048

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999377

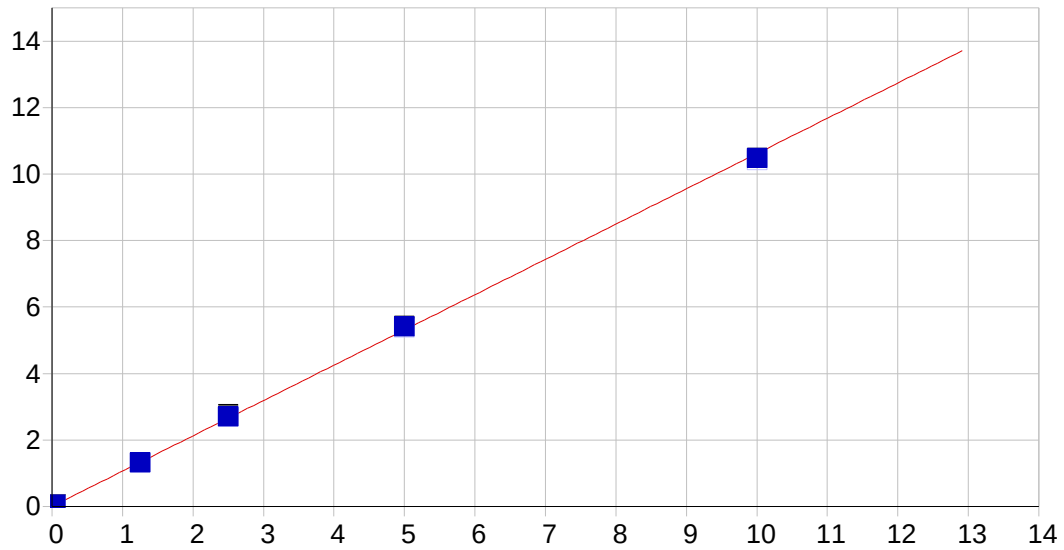
Status: OK.

Std Error of Est: 0.000587

Predicted MDL: 0.001651

Predicted MQL: 0.005503

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.10000	.09635	-.004	-3.65	.03098	.000	1
S2	1.2500	1.2760	.026	2.08	.40014	.000	1
S3	2.5000	2.6059	.106	4.24	.81630	.021	1
S4	5.0000	5.1968	.197	3.94	1.6271	.008	1
S5	10.000	9.6749	-.325	-3.25	3.0284	.002	1

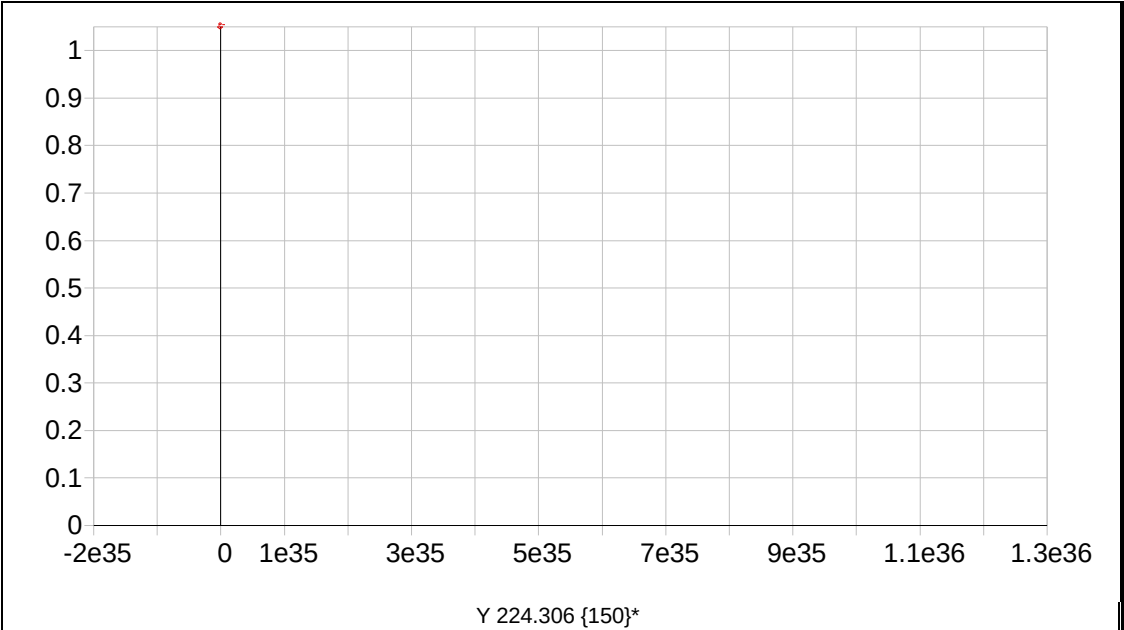


Li 670.784 { 50}

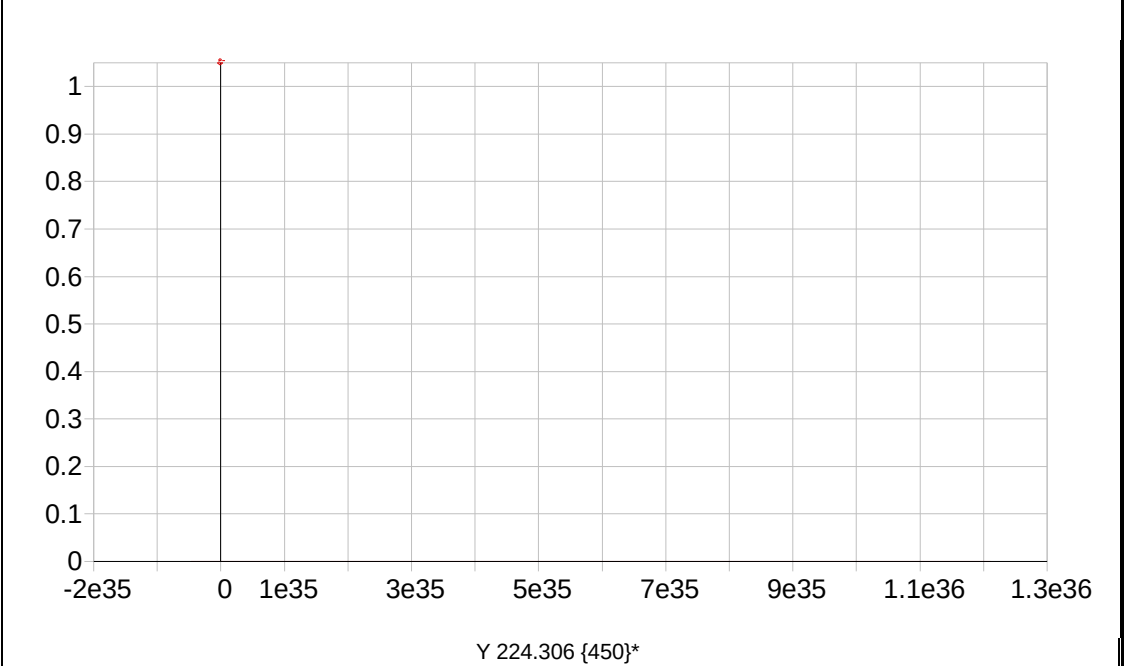
Date of Fit: 3/20/2018 18:23:18 Type of Fit: Linear Weighting: 1/Conc

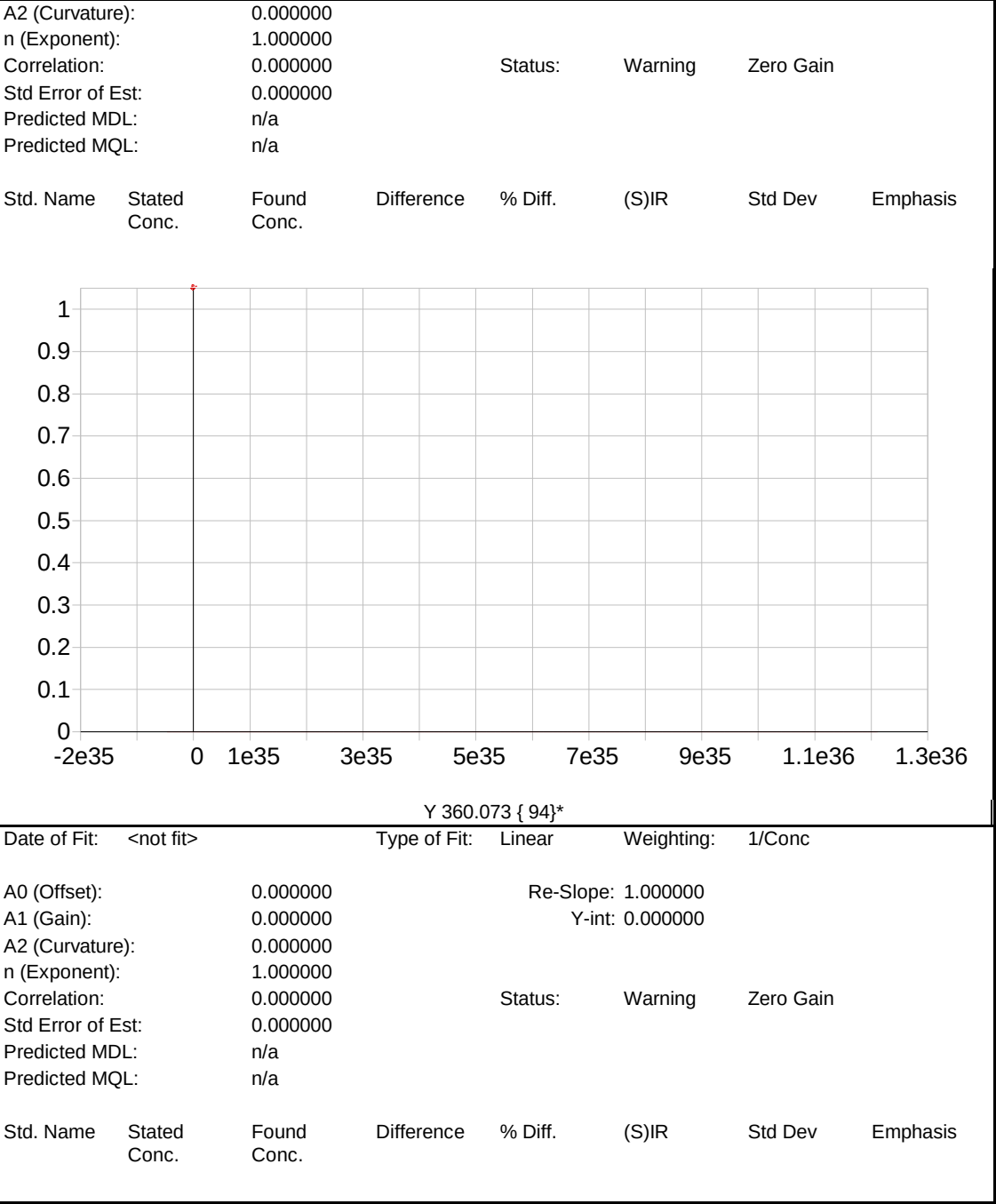
A0 (Offset): 0.004006 Re-Slope: 1.000000
 A1 (Gain): 1.061336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000617
 Predicted MDL: 0.001729
 Predicted MQL: 0.005764

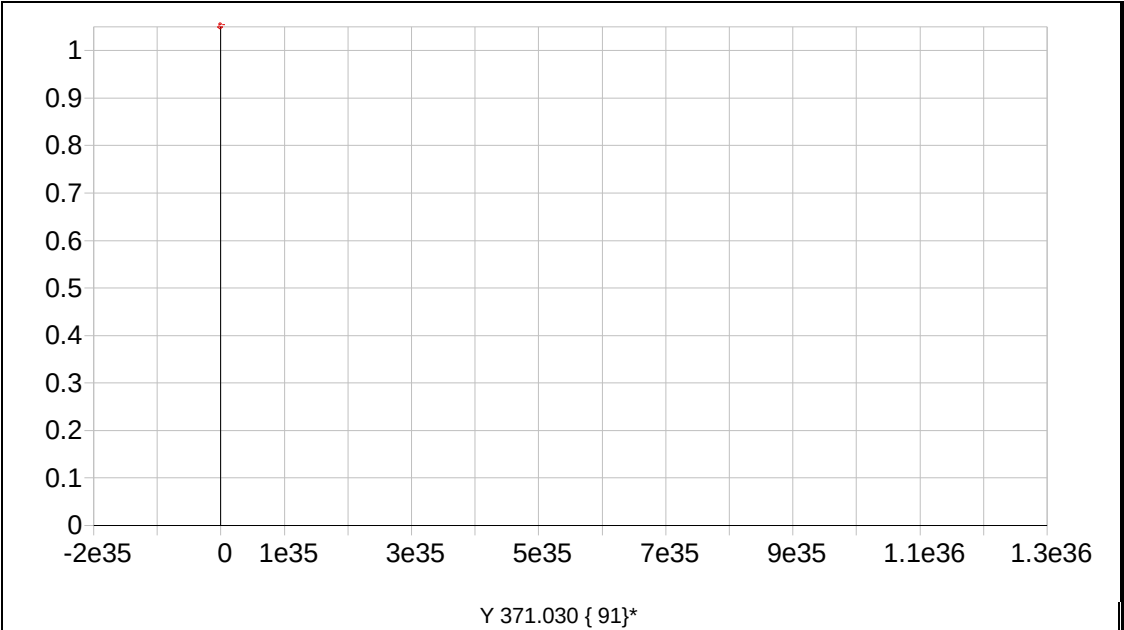
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00401	.002	1
S5	10.000	9.8671	-.133	-1.33	10.417	.010	1
S4	5.0000	5.0948	.095	1.90	5.3814	.012	1
S3	2.5000	2.5458	.046	1.83	2.6910	.061	1
S2	1.2500	1.2443	-.006	-.457	1.3172	.003	1
S1	.05000	.04803	-.002	-3.95	.05487	.001	1



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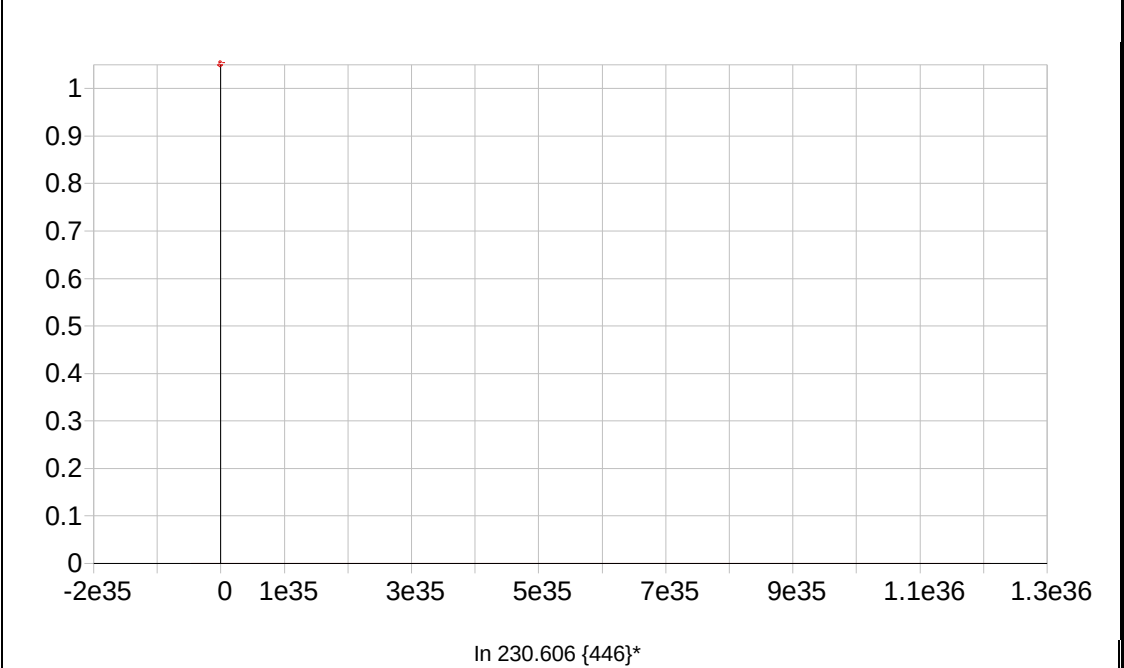




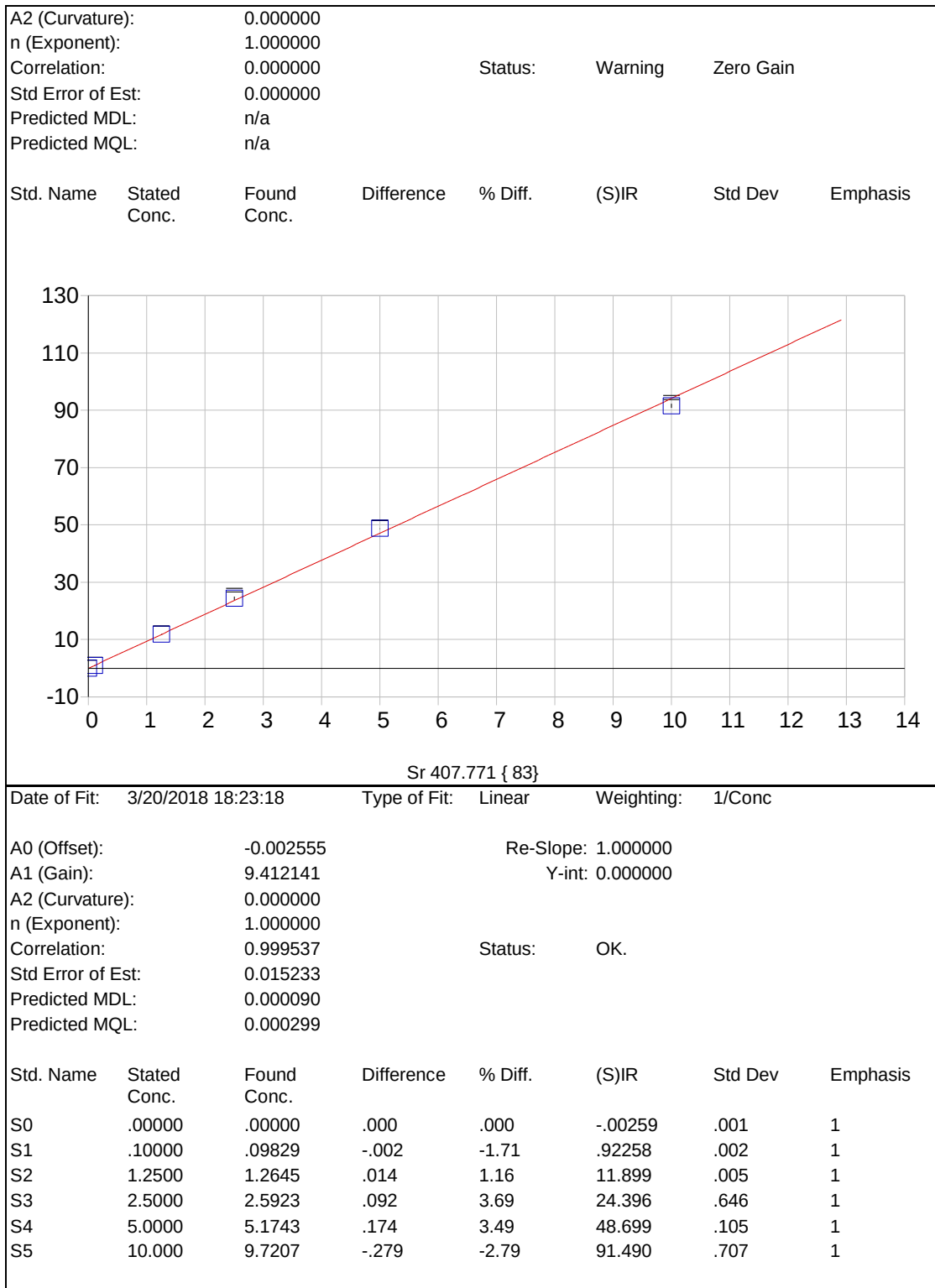


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 3/20/2018 13:53:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	-.00028	-.00032	.00018	.00061	.00089	.00060	-.00191
Stddev	.00007	.00004	.00007	.00004	.00007	.00103	.00154	.00073
%RSD	35.072	16.045	20.722	19.901	11.746	114.82	258.88	38.341

#1	-.00013	-.00026	-.00035	.00017	.00054	.00025	.00080	-.00127
#2	-.00018	-.00024	-.00024	.00015	.00068	.00035	.00203	-.00176
#3	-.00026	-.00033	-.00036	.00022	.00061	.00208	-.00104	-.00271

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	.00259	-.00011	-.00038	.00078	.00021	-.00016	-.00055
Stddev	.00010	.00038	.00004	.00023	.00030	.00015	.00014	.00013
%RSD	30.892	14.714	35.830	59.090	38.775	70.993	87.041	23.527

#1	-.00027	.00219	-.00008	-.00013	.00068	.00038	-.00008	-.00053
#2	-.00044	.00262	-.00016	-.00045	.00112	.00014	-.00031	-.00068
#3	-.00026	.00295	-.00010	-.00057	.00054	.00010	-.00008	-.00043

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	-.00154	-.00014	-.00738	-.00007	-.00033	.04453	-.00107	.00346
Stddev	.00024	.00003	.00106	.00017	.00032	.00139	.00004	.00012
%RSD	15.803	21.292	14.406	229.53	97.298	3.1176	3.6176	3.4127

#1	-.00167	-.00018	-.00741	.00012	-.00004	.04594	-.00109	.00334
#2	-.00169	-.00013	-.00842	-.00014	-.00068	.04447	-.00110	.00346
#3	-.00126	-.00013	-.00630	-.00019	-.00027	.04317	-.00103	.00357

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	.00033	.00298	.00302	.00015	.00082	.00401	-.00259	
Stddev	.00021	.00004	.00065	.00008	.00008	.00153	.00059	
%RSD	63.568	1.4510	21.346	55.931	9.9705	38.120	22.914	

#1	.00048	.00299	.00249	.00005	.00075	.00362	-.00283	
#2	.00042	.00302	.00283	.00018	.00091	.00271	-.00303	
#3	.00009	.00294	.00374	.00021	.00080	.00569	-.00192	

Sample Name: S0 Acquired: 3/20/2018 13:53:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	2222.7	3403.8	38122.	6250.2	3987.8
Stddev	6.5	15.6	44.	23.0	20.4
%RSD	.29328	.45696	.11645	.36792	.51124
#1	2230.2	3405.4	38127.	6223.7	3995.7
#2	2218.5	3418.6	38076.	6262.4	4003.1
#3	2219.4	3387.6	38164.	6264.5	3964.7

Sample Name: S1 Acquired: 3/20/2018 13:57:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.00021	.00125	.00188	.00218	.00711	.01584	.64569	.02891
Stddev	.00009	.00012	.00020	.00016	.00003	.00077	.00140	.00067
%RSD	43.046	9.6897	10.571	7.4584	.40366	4.8813	.21677	2.3264

#1	.00023	.00113	.00187	.00215	.00714	.01577	.64701	.02959
#2	.00029	.00137	.00208	.00235	.00711	.01510	.64422	.02825
#3	.00011	.00124	.00168	.00203	.00708	.01664	.64585	.02887

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	.01605	.24113	.00164	.04542	.00345	.00225	.00545	.04078
Stddev	.00021	.00119	.00007	.00017	.00023	.00006	.00054	.00038
%RSD	1.3313	.49465	4.5574	.36831	6.6382	2.6084	9.8679	.93263

#1	.01584	.24059	.00169	.04550	.00359	.00219	.00493	.04094
#2	.01626	.24030	.00168	.04523	.00319	.00231	.00600	.04034
#3	.01604	.24249	.00156	.04553	.00359	.00226	.00540	.04105

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	.02006	.00389	.02284	.00267	.00430	.12827	-.00066	.00752
Stddev	.00010	.00028	.00148	.00012	.00026	.00115	.00009	.00080
%RSD	.48389	7.2673	6.4974	4.6416	6.0759	.89444	13.174	10.648

#1	.01999	.00379	.02392	.00275	.00426	.12697	-.00057	.00665
#2	.02017	.00421	.02115	.00274	.00458	.12915	-.00074	.00766
#3	.02003	.00368	.02346	.00253	.00406	.12869	-.00067	.00823

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	.00832	.00524	.04296	.00109	.03098	.05487	.92258	
Stddev	.00003	.00011	.00099	.00009	.00009	.00076	.00204	
%RSD	.38638	2.1744	2.3068	7.8699	.28381	1.3780	.22077	

#1	.00833	.00534	.04257	.00115	.03088	.05574	.92486	
#2	.00828	.00526	.04222	.00112	.03100	.05450	.92094	
#3	.00834	.00512	.04408	.00099	.03105	.05437	.92194	

Sample Name: S1 Acquired: 3/20/2018 13:57:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	2195.0	3407.2	37706.	6193.3	3953.7
Stddev	30.8	8.3	164.	23.6	10.4
%RSD	1.4045	.24384	.43530	.38177	.26345
#1	2229.6	3397.6	37890.	6187.0	3941.7
#2	2184.8	3410.8	37575.	6219.5	3958.3
#3	2170.5	3413.0	37653.	6173.6	3960.9

Sample Name: S2 Acquired: 3/20/2018 14:02:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.03935	.07538	1.4196	.07384	.14587	2.8404	8.2437	.75408
Stddev	.00019	.00031	.0038	.00034	.00003	.0033	.0198	.00528
%RSD	.48927	.41693	.26967	.46708	.02293	.11685	.24061	.69961

#1	.03922	.07566	1.4209	.07364	.14587	2.8427	8.2666	.75566
#2	.03925	.07504	1.4152	.07363	.14584	2.8366	8.2325	.75839
#3	.03957	.07544	1.4226	.07423	.14591	2.8418	8.2320	.74819

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	2.1018	3.0203	.63814	.61489	.42540	.82918	1.3710	.52118
Stddev	.0072	.0043	.00155	.00215	.00060	.00119	.0037	.00183
%RSD	.34147	.14267	.24364	.34954	.14115	.14358	.27085	.35076

#1	2.1068	3.0247	.63637	.61448	.42474	.82996	1.3684	.52189
#2	2.0936	3.0201	.63879	.61298	.42591	.82976	1.3753	.52255
#3	2.1051	3.0161	.63927	.61722	.42554	.82781	1.3694	.51910

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	.35127	.12250	.21874	.03548	.27512	.69555	.03834	.57963
Stddev	.00089	.00033	.00027	.00059	.00154	.00306	.00006	.00670
%RSD	.25272	.26755	.12547	1.6685	.56036	.44060	.14777	1.1563

#1	.35175	.12287	.21879	.03506	.27512	.69323	.03836	.58355
#2	.35024	.12224	.21898	.03523	.27667	.69903	.03828	.58346
#3	.35181	.12238	.21844	.03616	.27359	.69440	.03839	.57190

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0269	.03839	.58030	.17074	.40014	1.3172	11.899	
Stddev	.0041	.00011	.00781	.00070	.00047	.0028	.005	
%RSD	.39904	.28537	1.3460	.41140	.11700	.21084	.04237	

#1	1.0267	.03832	.58551	.17144	.39965	1.3192	11.902	
#2	1.0230	.03834	.58407	.17003	.40017	1.3140	11.901	
#3	1.0311	.03852	.57132	.17074	.40059	1.3183	11.893	

Sample Name: S2 Acquired: 3/20/2018 14:02:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	2094.4	3236.6	36470.	6152.7	3511.6
Stddev	13.6	10.1	44.	33.6	8.9
%RSD	.64820	.31284	.12179	.54681	.25278
#1	2079.6	3244.5	36454.	6151.3	3513.7
#2	2106.2	3240.2	36520.	6119.8	3519.2
#3	2097.6	3225.2	36435.	6187.1	3501.8

Sample Name: S3 Acquired: 3/20/2018 14:05:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.08111	.14995	2.8787	.15042	.29797	5.8436	16.893	1.5304
Stddev	.00015	.00095	.0036	.00046	.00045	.1361	.435	.0383
%RSD	.19034	.63063	.12605	.30887	.15119	2.3298	2.5767	2.5056

#1	.08097	.15069	2.8750	.15094	.29784	6.0007	17.393	1.5746
#2	.08127	.15026	2.8787	.15004	.29760	5.7605	16.594	1.5064
#3	.08110	.14888	2.8823	.15029	.29847	5.7696	16.693	1.5101

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	4.2507	6.0933	1.2656	1.2476	.86610	1.6634	2.7552	1.0603
Stddev	.0103	.1666	.0009	.0011	.02298	.0449	.0728	.0288
%RSD	.24253	2.7339	.06892	.08678	2.6529	2.7020	2.6440	2.7137

#1	4.2472	6.2849	1.2648	1.2470	.89260	1.7151	2.8392	1.0932
#2	4.2427	5.9832	1.2665	1.2469	.85181	1.6340	2.7088	1.0398
#3	4.2624	6.0117	1.2656	1.2488	.85388	1.6411	2.7176	1.0479

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	.71023	.25121	.44760	.07292	.55539	1.3785	.08056	1.1807
Stddev	.00121	.00131	.01088	.00217	.00410	.0365	.00052	.0265
%RSD	.17092	.52189	2.4299	2.9714	.73886	2.6485	.64475	2.2469

#1	.70927	.25174	.46015	.07540	.55206	1.4206	.08108	1.2109
#2	.70981	.24972	.44114	.07192	.55412	1.3585	.08056	1.1611
#3	.71159	.25218	.44149	.07143	.55997	1.3563	.08004	1.1701

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	2.0781	.07676	1.1495	.34886	.81630	2.6910	24.396	
Stddev	.0041	.00042	.0249	.00113	.02136	.0613	.646	
%RSD	.19734	.54362	2.1629	.32403	2.6166	2.2777	2.6492	

#1	2.0750	.07722	1.1779	.34997	.84095	2.7612	25.142	
#2	2.0765	.07641	1.1315	.34771	.80319	2.6478	24.007	
#3	2.0827	.07665	1.1391	.34890	.80477	2.6640	24.039	

Sample Name: S3 Acquired: 3/20/2018 14:05:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	2036.5	3107.7	35761.	5980.9	3323.6
Stddev	7.2	8.8	172.	167.0	5.9
%RSD	.35123	.28320	.48125	2.7926	.17653
#1	2028.5	3116.2	35569.	5791.4	3328.6
#2	2042.3	3098.6	35812.	6044.3	3317.1
#3	2038.6	3108.1	35902.	6106.9	3325.1

Sample Name: S4 Acquired: 3/20/2018 14:09:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.16940	.29600	5.8602	.30988	.62147	11.863	34.035	2.9736
Stddev	.00032	.00184	.0081	.00150	.00049	.053	.063	.0197
%RSD	.18637	.62323	.13836	.48290	.07863	.45079	.18485	.66148

#1	.16916	.29392	5.8516	.30873	.62139	11.924	34.070	2.9725
#2	.16975	.29668	5.8613	.30934	.62102	11.830	34.072	2.9545
#3	.16928	.29741	5.8677	.31157	.62199	11.833	33.962	2.9938

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	8.6274	12.010	2.5352	2.5417	1.7199	3.2576	5.3578	2.1058
Stddev	.0284	.057	.0021	.0041	.0043	.0157	.0367	.0115
%RSD	.32875	.47417	.08079	.16124	.24944	.48070	.68559	.54468

#1	8.5950	11.960	2.5375	2.5380	1.7238	3.2398	5.3242	2.0928
#2	8.6395	12.072	2.5348	2.5410	1.7205	3.2635	5.3970	2.1142
#3	8.6477	11.998	2.5334	2.5461	1.7153	3.2694	5.3521	2.1105

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	1.4439	.50963	.90207	.14437	1.2214	2.7197	.16751	2.2834
Stddev	.0014	.00036	.00106	.00068	.0032	.0127	.00064	.0120
%RSD	.09440	.06986	.11747	.47066	.25957	.46549	.38042	.52576

#1	1.4423	.50963	.90090	.14513	1.2233	2.7333	.16681	2.2917
#2	1.4446	.50928	.90297	.14381	1.2230	2.7082	.16767	2.2697
#3	1.4448	.50999	.90234	.14419	1.2177	2.7177	.16805	2.2889

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	4.2697	.15823	2.2272	.71481	1.6271	5.3814	48.699	
Stddev	.0094	.00107	.0126	.00299	.0080	.0118	.105	
%RSD	.21983	.67579	.56722	.41826	.49174	.21904	.21497	

#1	4.2614	.15742	2.2340	.71164	1.6356	5.3826	48.817	
#2	4.2679	.15782	2.2126	.71522	1.6259	5.3926	48.662	
#3	4.2799	.15944	2.2349	.71757	1.6198	5.3691	48.617	

Sample Name: S4 Acquired: 3/20/2018 14:09:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	1905.8	2914.3	34408.	6018.3	3090.7
Stddev	6.2	10.0	85.	31.8	7.3
%RSD	.32278	.34353	.24712	.52920	.23780
#1	1900.0	2902.8	34454.	6010.8	3082.5
#2	1912.2	2918.7	34460.	6053.3	3093.1
#3	1905.2	2921.4	34310.	5990.9	3096.6

Sample Name: S5 Acquired: 3/20/2018 14:13:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.34433	.56022	11.497	.62307	1.2617	22.739	64.219	5.7448
Stddev	.00198	.00385	.012	.00471	.0077	.046	.486	.0550
%RSD	.57567	.68705	.10401	.75534	.61211	.20418	.75677	.95726

#1	.34427	.56206	11.497	.62222	1.2605	22.700	64.607	5.7925
#2	.34238	.55580	11.485	.61885	1.2547	22.727	63.674	5.7573
#3	.34634	.56280	11.509	.62815	1.2700	22.790	64.376	5.6847

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	16.586	22.823	4.6997	4.9072	3.2824	6.1390	10.141	4.1238
Stddev	.056	.082	.0249	.0108	.0062	.0219	.042	.0129
%RSD	.33575	.35854	.52942	.21946	.18895	.35681	.41629	.31338

#1	16.599	22.911	4.6745	4.9076	3.2882	6.1612	10.185	4.1387
#2	16.526	22.749	4.7005	4.8962	3.2759	6.1174	10.102	4.1152
#3	16.635	22.809	4.7242	4.9177	3.2830	6.1386	10.135	4.1175

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	2.7783	.98021	1.7535	.27129	2.1556	5.2211	.33413	4.2367
Stddev	.0081	.00860	.0058	.00185	.0505	.0150	.00276	.0296
%RSD	.29325	.87722	.32902	.68025	2.3451	.28748	.82736	.69777

#1	2.7794	.97061	1.7601	.26953	2.0993	5.2361	.33574	4.2637
#2	2.7697	.98720	1.7511	.27113	2.1707	5.2060	.33094	4.2414
#3	2.7859	.98281	1.7494	.27321	2.1969	5.2210	.33571	4.2051

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	8.3276	.31398	4.1862	1.3617	3.0284	10.417	91.490	
Stddev	.0594	.00280	.0291	.0077	.0024	.010	.707	
%RSD	.71370	.89045	.69602	.56313	.08035	.09128	.77227	

#1	8.3165	.31518	4.1991	1.3617	3.0295	10.427	91.788	
#2	8.2744	.31078	4.2066	1.3541	3.0256	10.409	90.683	
#3	8.3917	.31597	4.1528	1.3694	3.0301	10.414	91.998	

Sample Name: S5 Acquired: 3/20/2018 14:13:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	1759.2	2645.9	32763.	5871.6	2831.8
Stddev	28.9	14.2	300.	32.9	7.9
%RSD	1.6442	.53725	.91591	.55954	.27980
#1	1789.6	2648.5	33046.	5836.2	2829.2
#2	1756.2	2658.7	32794.	5901.2	2840.7
#3	1732.0	2630.6	32448.	5877.4	2825.5

Sample Name: S6 Acquired: 3/20/2018 14:17:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	58.165	38.667	17.190	7.0787	5.0584
Stddev	9.854	.522	.258	.1088	.0739
%RSD	16.941	1.3497	1.5015	1.5371	1.4614

#1	64.160	38.328	17.028	7.0085	5.0064
#2	46.792	39.268	17.488	7.2040	5.1430
#3	63.544	38.405	17.055	7.0235	5.0257

Int. Std.	Y_3710
Units	Cts/S
Avg	5710.2
Stddev	90.9
%RSD	1.5925

#1	5786.8
#2	5609.7
#3	5734.2

Sample Name: ICV Acquired: 3/20/2018 14:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.9275532	1.070147	.9313578	.9497213	.8991828	2.436001
Stddev	.0049033	.008063	.0031095	.0038751	.0030080	.019166
%RSD	.5286273	.7534906	.3338642	.4080248	.3345294	.7867911

#1	.9331709	1.078797	.9347985	.9512689	.8985828	2.422869
#2	.9241330	1.062839	.9287486	.9525835	.8965199	2.427138
#3	.9253558	1.068805	.9305265	.9453116	.9024456	2.457994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5055697	.4975051	.4783442	10.23868	.5201124	.4789676
Stddev	.0040541	.0071850	.0008955	.04454	.0007768	.0005576
%RSD	.8018938	1.444207	.1872166	.4350183	.1493532	.1164096

#1	.5046434	.5057806	.4788265	10.28942	.5210086	.4792717
#2	.5020589	.4938779	.4773109	10.22057	.5196964	.4783241
#3	.5100069	.4928566	.4788952	10.20605	.5196323	.4793070

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5048775	5.244853	.5251518	5.836982	.4913369	.4764898
Stddev	.0033758	.051425	.0019059	.018701	.0001192	.0011106
%RSD	.6686446	.9804808	.3629181	.3203877	.0242550	.2330823

#1	.5058890	5.300653	.5269470	5.815469	.4913972	.4777719
#2	.5011115	5.199368	.5231518	5.846119	.4911997	.4758248
#3	.5076320	5.234537	.5253566	5.849358	.4914139	.4758727

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.602641	.5121838	1.053462	9.597282	F .0122994	F .0089669
Stddev	.218671	.0036579	.009516	.077257	.0005389	.0008372
%RSD	2.277201	.7141722	.9033372	.8049896	4.381313	9.336985

#1	9.676347	.5141019	1.043301	9.686473	.0121225	.0099077
#2	9.774936	.5079658	1.062166	9.551134	.0129045	.0086895
#3	9.356640	.5144837	1.054918	9.554240	.0118712	.0083036

Sample Name: ICV Acquired: 3/20/2018 14:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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 -.000014	-.023898	.0079139	F -.000209	-.000615	.0013722
Stddev	.000057	.004661	.0005751	.001417	.000723	.0012056
%RSD	421.1532	19.50555	7.267353	677.4629	117.5906	87.85872

#1	.000004	-.028199	.0082668	-.000999	-.001365	.0011610
#2	.000033	-.024550	.0082246	.001427	-.000560	.0002861
#3	-.000078	-.018945	.0072502	-.001056	.000079	.0026694

Elem	Sr4077
Units	ppm
Avg	.0116107
Stddev	.0000411
%RSD	.3538268

#1	.0116573
#2	.0115952
#3	.0115796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2222.606	3384.660	38005.24	6303.930	3878.246
Stddev	13.339	4.204	107.31	53.957	7.474
%RSD	.6001437	.1241938	.2823630	.8559237	.1927177

#1	2235.135	3383.891	38125.16	6242.234	3872.838
#2	2208.583	3389.195	37918.25	6327.256	3886.775
#3	2224.102	3380.894	37972.31	6342.299	3875.126

Sample Name: ICB Acquired: 3/20/2018 14:34:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0005610	-.001212	.0003783	.0028053	.0003723	-.007866	.0002287
Stddev	.0021497	.001849	.0007956	.0022812	.0007638	.004756	.0002673
%RSD	383.1738	152.5711	210.3449	81.31743	205.1392	60.46535	116.8839

#1	-.001225	.000410	-.000445	.0039971	.0010769	-.008449	-.000049
#2	.002947	-.003224	.001143	.0042438	.0004793	-.002845	.000485
#3	-.000038	-.000821	.000437	.0001751	-.000439	-.012304	.000250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000068	.0000228	.0037616	.0000848	-.000048	-.001978	-.004246
Stddev	.0000567	.0000258	.0083774	.0002603	.000089	.001890	.004395
%RSD	831.7402	113.0915	222.7104	306.9971	184.1091	95.58118	103.5059

#1	.0000643	.0000477	.0022015	.0000192	-.000110	-.003863	-.000049
#2	.0000054	.0000245	.0128094	.0003716	.000054	-.000082	-.003875
#3	-.000049	-.000004	-.003726	-.000136	-.000090	-.001989	-.008816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003082	.0463128	-.000320	.0001330	.0114201	-.000530	.0008367
Stddev	.0007204	.0364896	.000445	.0003113	.2338260	.003824	.0028659
%RSD	233.7605	78.78950	139.1401	233.9844	2047.498	720.9248	342.5080

#1	.0010953	.0883498	-.000184	.0001788	-.060394	-.002613	.0036955
#2	-.000318	.0277758	-.000816	.0004189	-.178076	.003883	-.002036
#3	.000148	.0228127	.000042	-.000199	.272730	-.002861	.000851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1221271	-.000679	.0040556	-.000091	-.025803	.0006790	.0004956
Stddev	.0841914	.001458	.0005356	.000196	.003860	.0008217	.0002099
%RSD	68.93757	214.7173	13.20542	215.1011	14.95875	121.0126	42.34425

#1	.1615645	.000962	.0036146	.000105	-.021684	.0014213	.0006552
#2	.1793610	-.001825	.0046515	-.000287	-.026388	.0008197	.0002579
#3	.0254557	-.001173	.0039006	-.000091	-.029337	-.000204	.0005738

Sample Name: ICB Acquired: 3/20/2018 14:34:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	-.000989	-.001206	-.000038
Stddev	.000584	.001205	.000082
%RSD	59.11225	99.92856	213.7096

#1	-.000686	.000163	-.000133
#2	-.001662	-.002107	.000004
#3	-.000618	-.001674	.000014

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.015	3389.717	37580.25	6198.833	3958.990
Stddev	7.324	3.549	236.20	58.275	8.411
%RSD	.3382676	.1046939	.6285181	.9400941	.2124592

#1	2167.417	3389.853	37345.61	6172.325	3951.309
#2	2156.792	3393.196	37577.18	6158.525	3967.979
#3	2170.836	3386.102	37817.98	6265.650	3957.682

Sample Name: ICSA Acquired: 3/20/2018 14:38:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074654	-.001212	-.005777	-.001257	.0045117	250.9569	.0069714
Stddev	.0012915	.002561	.000895	.000525	.0008425	.1627	.0003612
%RSD	17.30032	211.3475	15.49763	41.80629	18.67491	.0648131	5.180902

#1	.0070328	.001709	-.005109	-.001261	.0054358	251.0149	.0073637
#2	.0064457	-.003074	-.006795	-.001780	.0037862	251.0826	.0068977
#3	.0089177	-.002270	-.005428	-.000729	.0043130	250.7732	.0066527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012213	-.000648	254.8242	.0585374	.0001326	-.005851	101.4736
Stddev	.0001192	.000069	1.0298	.0000558	.0002590	.002192	.1085
%RSD	9.760871	10.63518	.4041308	.0953141	195.3380	37.47157	.1068894

#1	.0012753	-.000652	253.6617	.0584918	.0004239	-.003858	101.3488
#2	.0013040	-.000714	255.6221	.0585996	-.000072	-.008199	101.5457
#3	.0010847	-.000577	255.1890	.0585208	.000045	-.005496	101.5261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124413	250.2767	.0062877	.0016286	.0772322	-.000095	-.008421
Stddev	.0002247	.8520	.0001310	.0002506	.2714363	.004444	.004936
%RSD	1.805980	.3404413	2.083595	15.38479	351.4550	4690.860	58.61329

#1	.0124310	249.6713	.0062737	.0018721	.0567743	-.001210	-.008019
#2	.0122220	251.2511	.0064251	.0016422	.3583185	-.003874	-.013546
#3	.0126710	249.9078	.0061642	.0013716	-.183396	.004800	-.003699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.267557	-.001928	-.005934	.0019316	-.012100	-.000102	-.002219
Stddev	.006477	.002890	.002160	.0004179	.002528	.001448	.001179
%RSD	2.420895	149.8856	36.40954	21.63644	20.88888	1414.593	53.15758

#1	-.275027	-.000236	-.008356	.0021585	-.009908	.000588	-.003180
#2	-.263492	-.000283	-.004206	.0021869	-.011528	-.001766	-.002574
#3	-.264152	-.005265	-.005239	.0014493	-.014865	.000871	-.000903

Sample Name: ICSA Acquired: 3/20/2018 14:38:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002574	.0025133	.1023633
Stddev	.003140	.0005465	.0000859
%RSD	122.0105	21.74452	.0838844

#1	-.005304	.0029814	.1024173
#2	-.003275	.0019127	.1024083
#3	.000858	.0026456	.1022643

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.209	3109.406	34809.35	6057.977	3252.269
Stddev	7.134	20.496	74.96	36.467	15.650
%RSD	.3533078	.6591482	.2153560	.6019731	.4811916

#1	2016.688	3124.467	34850.88	6041.142	3256.854
#2	2027.262	3117.684	34722.82	6032.968	3265.114
#3	2013.678	3086.066	34854.36	6099.821	3234.839

Sample Name: ICSAB Acquired: 3/20/2018 14:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987995	.1069546	.0431922	.0489835	.5620292	249.7596	.5229232
Stddev	.0041112	.0011533	.0015900	.0058952	.0022043	.1792	.0028934
%RSD	4.161194	1.078259	3.681127	12.03507	.3922125	.0717506	.5533170

#1	.0954949	.1068045	.0426666	.0556854	.5595025	249.9631	.5249434
#2	.0975002	.1058838	.0419316	.0445995	.5630261	249.6903	.5196085
#3	.1034035	.1081756	.0449784	.0466657	.5635590	249.6254	.5242176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5169113	1.004017	252.2574	.5783154	.4986306	.5031973	100.5287
Stddev	.0030513	.004728	1.6428	.0007162	.0025165	.0037781	.4896
%RSD	.5903012	.4709013	.6512294	.1238508	.5046879	.7508169	.4869781

#1	.5186690	1.000488	253.6442	.5783103	.4977358	.5074580	101.0130
#2	.5133880	1.002175	250.4431	.5790343	.4966837	.5018782	100.0341
#3	.5186770	1.009389	252.6848	.5776018	.5014722	.5002555	100.5390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5353194	247.2001	1.005788	.2037277	.3921625	.5207491	1.089901
Stddev	.0021312	1.1624	.004913	.0010267	.2282128	.0112399	.008050
%RSD	.3981178	.4702272	.4885088	.5039535	58.19342	2.158410	.7385714

#1	.5374130	248.1799	1.001717	.2047614	.4815263	.5183490	1.080667
#2	.5331525	245.9157	1.004402	.2027082	.5621703	.5329952	1.093598
#3	.5353926	247.5047	1.011246	.2037134	.1327909	.5109031	1.095438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.600870	.0093070	-.008126	.0020181	-.015442	-.001113	-.002584
Stddev	.097788	.0024737	.001392	.0002107	.005201	.000999	.001296
%RSD	16.27438	26.57840	17.12587	10.44125	33.68225	89.77307	50.16712

#1	-.518110	.0076986	-.006671	.0021515	-.013893	-.002217	-.002857
#2	-.575726	.0080669	-.008264	.0021277	-.011192	-.000269	-.001173
#3	-.708775	.0121554	-.009444	.0017752	-.021242	-.000853	-.003722

Sample Name: ICSAB Acquired: 3/20/2018 14:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003170	.0046388	.1020176
Stddev	.001512	.0019109	.0002929
%RSD	47.68992	41.19234	.2871109

#1	-.002536	.0052526	.1022331
#2	-.004895	.0061674	.1016841
#3	-.002078	.0024965	.1021357

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.026	3139.097	34653.67	6004.532	3275.795
Stddev	17.884	9.668	195.74	9.121	14.956
%RSD	.8946521	.3079844	.5648338	.1518965	.4565515

#1	1981.280	3142.501	34573.31	5996.788	3279.123
#2	1998.752	3146.604	34510.91	6014.585	3288.806
#3	2017.046	3128.188	34876.80	6002.223	3259.455

Sample Name: CCV054 Acquired: 3/20/2018 14:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.877845	4.965700	24.96478	4.868366	4.902877	409.8134	10.15487
Stddev	.021176	.046998	.13191	.029627	.029165	1.0829	.02144
%RSD	.4341284	.9464620	.5284029	.6085664	.5948628	.2642333	.2111773

#1	4.856878	4.920431	24.83081	4.835254	4.870741	410.4601	10.14463
#2	4.899224	5.014255	25.09454	4.892370	4.927667	408.5632	10.14047
#3	4.877431	4.962412	24.96898	4.877473	4.910223	410.4167	10.17952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996609	2.503404	402.0887	15.23522	2.520258	15.04555	395.8290
Stddev	.0007452	.017339	3.6550	.00822	.015745	.00916	2.7585
%RSD	.1491430	.6926278	.9090124	.0539586	.6247352	.0608712	.6968948

#1	.5000194	2.487983	398.0025	15.23079	2.506087	15.04421	392.6605
#2	.4988042	2.522173	405.0465	15.24471	2.537207	15.03714	397.6959
#3	.5001591	2.500054	403.2172	15.23016	2.517480	15.05530	397.1306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97121	388.9443	2.512802	1.270706	397.0426	2.494633	14.47654
Stddev	.13035	2.5906	.012763	.004147	1.1188	.010722	.12925
%RSD	.8706713	.6660590	.5079162	.3263656	.2817755	.4297865	.8928542

#1	14.82639	385.9658	2.499200	1.275409	395.7520	2.482902	14.56225
#2	15.07912	390.6737	2.524515	1.269133	397.7364	2.497072	14.53950
#3	15.00813	390.1934	2.514690	1.267575	397.6394	2.503925	14.32787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.2464	5.125025	4.843490	4.826502	5.138089	4.902058	4.959051
Stddev	.1765	.058534	.010897	.030409	.059416	.006223	.043540
%RSD	.1167041	1.142131	.2249797	.6300460	1.156385	.1269504	.8779937

#1	151.2563	5.058341	4.832661	4.794520	5.080250	4.909231	4.918354
#2	151.0652	5.167918	4.843354	4.855046	5.198966	4.898091	5.004964
#3	151.4178	5.148817	4.854454	4.829941	5.135052	4.898854	4.953834

Sample Name: CCV054 Acquired: 3/20/2018 14:46:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.961239	5.069212	5.049716
Stddev	.012048	.008776	.002539
%RSD	.2428327	.1731238	.0502788

#1	4.949004	5.065909	5.049908
#2	4.961624	5.062566	5.047087
#3	4.973090	5.079160	5.052154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.988	2813.653	32618.81	5871.621	2885.514
Stddev	17.946	13.411	158.71	3.131	16.198
%RSD	.9953517	.4766453	.4865603	.0533262	.5613535

#1	1792.532	2829.120	32467.73	5868.913	2902.649
#2	1792.721	2805.263	32604.52	5870.900	2870.453
#3	1823.710	2806.575	32784.18	5875.050	2883.438

Sample Name: CCB054 Acquired: 3/20/2018 14:49:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037895	.0007955	.0004265	.0013987	-.001456	.0340571	.0015926
Stddev	.0029136	.0014794	.0008967	.0004554	.000976	.0096119	.0004154
%RSD	76.88817	185.9631	210.2284	32.55982	67.04048	28.22290	26.08655

#1	.0020150	-.000543	.0003296	.0017988	-.002553	.0450692	.0014174
#2	.0071521	.002384	-.000418	.0014940	-.001133	.0273514	.0012934
#3	.0022013	.000545	.001368	.0009031	-.000683	.0297508	.0020669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	.0001208	.0263538	.0007514	-.000037	-.001713	.0332397
Stddev	.000056	.0000542	.0069063	.0007155	.000111	.001783	.0164293
%RSD	314.9438	44.90033	26.20605	95.22398	296.4754	104.0724	49.42663

#1	-.000001	.0000724	.0241925	.0015654	-.000165	.000106	.0517176
#2	-.000081	.0001106	.0340822	.0002222	.000022	-.003458	.0202793
#3	.000028	.0001795	.0207866	.0004665	.000031	-.001788	.0277224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017218	.0526702	.0001185	.0001085	.0800231	-.000043	-.004941
Stddev	.0007346	.0133021	.0001524	.0000364	.0937162	.002316	.002049
%RSD	42.66888	25.25544	128.6920	33.51327	117.1114	5336.971	41.47157

#1	.0019159	.0581279	.0000314	.0000895	-.009189	.001855	-.007235
#2	.0009095	.0623754	.0000295	.0000856	.071585	.000639	-.003291
#3	.0023399	.0375073	.0002945	.0001504	.177673	-.002624	-.004298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014116	-.000227	.0071562	-.000064	-.034185	.0005504	.0001180
Stddev	.050425	.001958	.0001132	.000211	.001855	.0008879	.0004951
%RSD	357.2126	861.5085	1.582300	328.4918	5.426990	161.3182	419.6802

#1	.044108	.002030	.0072743	-.000301	-.032837	.0015151	.0004387
#2	-.042852	-.001462	.0071459	.000105	-.033417	-.000233	-.000452
#3	-.043605	-.001249	.0070485	.000003	-.036301	.000369	.000367

Sample Name: CCB054 Acquired: 3/20/2018 14:49:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004648	.0028658	.0003672
Stddev	.0013595	.0006508	.0000354
%RSD	292.5241	22.70991	9.639146

#1	.0019923	.0021183	.0004078
#2	-.000612	.0033064	.0003516
#3	.000014	.0031728	.0003424

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2198.680	3403.736	37963.01	6216.017	3983.936
Stddev	15.085	10.252	70.68	18.246	10.299
%RSD	.6860991	.3011930	.1861831	.2935254	.2585213

#1	2189.159	3402.864	37881.75	6196.850	3978.272
#2	2190.808	3414.395	38010.24	6233.175	3995.824
#3	2216.073	3393.948	37997.05	6218.025	3977.713

Sample Name: PB107494BL Acquired: 3/20/2018 14:54:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0062717	-.000884	.0007413	.0008344	-.000025	-.006355	.0002903
Stddev	.0013622	.000798	.0012266	.0021216	.000122	.003628	.0003682
%RSD	21.71976	90.25621	165.4671	254.2658	490.6672	57.09419	126.8103

#1	.0061625	-.001779	-.000545	-.001578	-.000060	-.009788	-.000132
#2	.0076852	-.000246	.000872	.001673	-.000126	-.006719	.000546
#3	.0049673	-.000628	.001897	.002408	.000111	-.002559	.000457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000158	.0000607	-.010485	.0002115	-.000042	-.001379	-.011399
Stddev	.0000558	.0000235	.010253	.0008489	.000077	.003089	.002557
%RSD	353.3781	38.71369	97.79008	401.3549	184.7137	223.9113	22.43057

#1	-.000039	.0000365	-.004518	.0004458	-.000128	.001717	-.008449
#2	.000072	.0000834	-.022324	-.000730	-.000016	-.004460	-.012767
#3	.000014	.0000623	-.004612	.000919	.000019	-.001395	-.012981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004860	.0357830	-.000304	.0003588	-.002299	.0012342	-.003590
Stddev	.0005490	.0166052	.000082	.0003287	.110569	.0057391	.006274
%RSD	112.9599	46.40519	26.93897	91.60975	4809.435	464.9918	174.7610

#1	.0005001	.0548913	-.000250	.0007317	-.129967	.0055506	.000380
#2	-.000070	.0276032	-.000264	.0001110	.060396	.0034308	-.010823
#3	.001028	.0248546	-.000399	.0002338	.062673	-.005279	-.000327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049670	-.001183	.0032332	-.000304	-.033774	-.001055	-.000046
Stddev	.034383	.001393	.0009054	.000058	.003580	.000285	.000635
%RSD	69.22265	117.6740	28.00367	19.08123	10.60043	27.02874	1393.613

#1	-.089347	-.000829	.0031668	-.000239	-.036780	-.001098	.000024
#2	-.031050	-.000002	.0023629	-.000350	-.034728	-.000751	-.000712
#3	-.028613	-.002719	.0041700	-.000324	-.029813	-.001316	.000552

Sample Name: PB107494BL Acquired: 3/20/2018 14:54:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	-.000331	-.000691	-.000035
Stddev	.001466	.000838	.000078
%RSD	442.6893	121.1589	220.9953

#1	-.001899	-.001322	.000013
#2	.001005	-.001012	-.000125
#3	-.000099	.000259	.000006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.832	3350.926	38532.94	6272.833	3941.493
Stddev	15.498	81.111	47.65	32.405	104.323
%RSD	.6937800	2.420544	.1236678	.5165961	2.646783

#1	2251.725	3401.768	38581.32	6235.550	4003.884
#2	2225.135	3393.625	38486.05	6288.725	3999.536
#3	2224.636	3257.386	38531.46	6294.225	3821.057

Sample Name: PB107494BS Acquired: 3/20/2018 14:58:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0237475	.0520599	.0194865	.0730008	.1177765	.4323748
Stddev	.0005196	.0029270	.0017670	.0039154	.0034888	.0146926
%RSD	2.188073	5.622395	9.067906	5.363492	2.962205	3.398125

#1	.0231476	.0498763	.0180186	.0724270	.1162262	.4250351
#2	.0240516	.0553858	.0214477	.0771714	.1217717	.4492912
#3	.0240435	.0509175	.0189930	.0694040	.1153315	.4227982

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4119704	.0110045	.0105742	10.77746	.0240796	.1003934
Stddev	.0013704	.0001947	.0004095	.06380	.0003483	.0038439
%RSD	.3326521	1.769064	3.872523	.5919940	1.446366	3.828838

#1	.4130093	.0110658	.0103754	10.79245	.0238056	.0983576
#2	.4124846	.0111612	.0110451	10.83243	.0244715	.1048270
#3	.4104172	.0107866	.0103020	10.70749	.0239617	.0979955

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538693	.2244118	.0334029	10.07104	.0838325	.0208496
Stddev	.0035218	.0075359	.0005475	.03880	.0024952	.0002765
%RSD	6.537654	3.358057	1.639136	.3853100	2.976417	1.326277

#1	.0520631	.2329586	.0334872	10.06140	.0823066	.0210379
#2	.0579278	.2215535	.0339034	10.11375	.0867120	.0209788
#3	.0516171	.2187232	.0328181	10.03795	.0824790	.0205322

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16647	.1069107	.1287960	10.59598	F .0288529	F .0553981
Stddev	.09493	.0031244	.0039542	.12374	.0012234	.0014169
%RSD	.9337073	2.922411	3.070124	1.167761	4.240253	2.557604

#1	10.19241	.1084315	.1243184	10.54570	.0281616	.0564229
#2	10.24573	.1089834	.1302609	10.73694	.0302655	.0559900
#3	10.06127	.1033170	.1318087	10.50530	.0281317	.0537812

Sample Name: PB107494BS Acquired: 3/20/2018 14:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0210886	.1564873	.1970703	F .0147389	.2057748	.1035318
Stddev	.0006487	.0080993	.0030899	.0004850	.0006385	.0004813
%RSD	3.076206	5.175710	1.567926	3.290369	.3102810	.4648959

#1	.0206692	.1525747	.1980411	.0151855	.2052940	.1030109
#2	.0218358	.1658001	.1995582	.0148081	.2055311	.1036246
#3	.0207608	.1510871	.1936115	.0142230	.2064992	.1039600

Elem	Sr4077
Units	ppm
Avg	.2092800
Stddev	.0006464
%RSD	.3088721

#1	.2094384
#2	.2098324
#3	.2085691

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.249	3282.835	37846.61	6250.142	3779.540
Stddev	12.171	145.817	105.44	54.797	170.436
%RSD	.5531779	4.441792	.2786113	.8767388	4.509437

#1	2201.532	3366.630	37779.86	6248.929	3876.393
#2	2211.729	3114.461	37968.17	6195.962	3582.745
#3	2187.487	3367.414	37791.79	6305.536	3879.481

Sample Name: J1968-02 Acquired: 3/20/2018 15:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096627	-.044150	.0538184	.0027392	.0043287	191.6598	1.056579
Stddev	.0019864	.003431	.0010960	.0010520	.0005241	1.2420	.005487
%RSD	20.55693	7.771425	2.036520	38.40513	12.10693	.6479998	.5193300

#1	.0106142	-.048109	.0540737	.0016364	.0037446	191.8652	1.050825
#2	.0073796	-.042290	.0526173	.0037317	.0047577	190.3280	1.057160
#3	.0109943	-.042051	.0547643	.0028495	.0044839	192.7863	1.061753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109342	.0000124	1.015989	.2348093	.1273614	.0549180	237.6964
Stddev	.0001037	.0002076	.007180	.0006564	.0006839	.0021166	.1383
%RSD	.9479551	1673.835	.7066542	.2795318	.5369628	3.854207	.0581680

#1	.0110209	-.000143	1.007814	.2341669	.1267436	.0571397	237.5517
#2	.0108194	-.000069	1.018883	.2354788	.1272444	.0546893	237.8271
#3	.0109624	.000248	1.021271	.2347823	.1280962	.0529249	237.7104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.032136	54.23434	.1471723	.0004291	1.058653	.4300037	.5557531
Stddev	.005886	.13312	.0005715	.0003244	.078244	.0032054	.0082532
%RSD	.1459672	.2454529	.3882971	75.58920	7.390947	.7454448	1.485051

#1	4.033744	54.28586	.1465225	.0007964	1.134655	.4288479	.5624867
#2	4.037050	54.08316	.1473979	.0003087	1.062961	.4275365	.5465459
#3	4.025613	54.33400	.1475965	.0001821	.978344	.4336268	.5582267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	78.39950	1.317682	-.011084	-.000367	.2968090	2.142585	.0217429
Stddev	.23864	.006940	.003320	.000136	.0112624	.019063	.0020696
%RSD	.3043931	.5267051	29.95828	36.93519	3.794487	.8897399	9.518587

#1	78.56642	1.316467	-.014285	-.000215	.2956095	2.142696	.0197642
#2	78.12616	1.311429	-.011309	-.000413	.2861943	2.161592	.0215718
#3	78.50593	1.325149	-.007656	-.000475	.3086231	2.123466	.0238928

Sample Name: J1968-02 Acquired: 3/20/2018 15:02:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.57044	.0321655	.0158733
Stddev	.07848	.0007929	.0000386
%RSD	.5783383	2.465199	.2434536

#1	13.62709	.0329405	.0159145
#2	13.48085	.0313558	.0158675
#3	13.60336	.0322001	.0158379

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.134	5233.639	58846.32	9928.325	3452.083
Stddev	15.219	19.469	291.66	20.286	15.142
%RSD	.4422757	.3719928	.4956369	.2043209	.4386291

#1	3430.292	5243.299	58592.69	9909.961	3458.907
#2	3458.533	5246.389	59165.02	9950.100	3462.612
#3	3434.579	5211.230	58781.23	9924.915	3434.730

Sample Name: J1968-03 Acquired: 3/20/2018 15:06:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185138	-.049300	.3345793	.0027653	.0026846	155.1260	.6945533
Stddev	.0016985	.004212	.0018710	.0009947	.0004773	.3105	.0018760
%RSD	9.174385	8.544049	.5592135	35.96972	17.77963	.2001309	.2701073

#1	.0168243	-.051007	.3326400	.0016760	.0030595	154.8109	.6957414
#2	.0202212	-.052391	.3347245	.0036253	.0028471	155.1353	.6955279
#3	.0184959	-.044502	.3363735	.0029946	.0021473	155.4316	.6923905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101283	.0020951	.0367785	.1695049	.1130590	.0980217	238.4019
Stddev	.0000745	.0001955	.0128740	.0003311	.0007526	.0031050	.9622
%RSD	.7355836	9.333017	35.00422	.1953541	.6656967	3.167685	.4036161

#1	.0101625	.0021712	.0243841	.1698828	.1123458	.1013433	239.2757
#2	.0101796	.0018729	.0500838	.1693663	.1129857	.0951920	238.5593
#3	.0100429	.0022411	.0358675	.1692656	.1138457	.0975299	237.3706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.281363	36.73928	.1567923	.0003174	1.115741	.3625238	.4706135
Stddev	.004270	.11431	.0006400	.0001009	.087956	.0013150	.0077300
%RSD	.1301401	.3111482	.4081603	31.79948	7.883182	.3627496	1.642536

#1	3.285907	36.84581	.1563195	.0002976	1.175638	.3629602	.4629714
#2	3.280747	36.75350	.1565368	.0004268	1.156823	.3635652	.4704407
#3	3.277433	36.61852	.1575205	.0002279	1.014761	.3610461	.4784285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.14920	1.192472	-.013168	.0005492	.2277693	4.210622	.0110136
Stddev	.17097	.001650	.000369	.0000415	.0062553	.026684	.0006261
%RSD	.3342513	.1383591	2.803014	7.554738	2.746352	.6337377	5.684548

#1	50.95189	1.191829	-.013324	.0005847	.2214641	4.204591	.0109260
#2	51.25338	1.191240	-.012746	.0005593	.2278703	4.239806	.0104359
#3	51.24234	1.194346	-.013433	.0005036	.2339736	4.187469	.0116789

Sample Name: J1968-03 Acquired: 3/20/2018 15:06:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.149041	.0255161	.0125204
Stddev	.041199	.0010837	.0000799
%RSD	.5055743	4.247076	.6378587

#1	8.109481	.0267579	.0124341
#2	8.145939	.0250288	.0125352
#3	8.191704	.0247617	.0125918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4187.234	6509.023	72743.48	12317.33	3452.068
Stddev	19.006	9.463	93.25	26.71	12.901
%RSD	.4538922	.1453868	.1281949	.2168775	.3737319

#1	4182.226	6519.290	72735.89	12298.40	3465.568
#2	4208.242	6500.651	72840.29	12305.71	3450.774
#3	4171.234	6507.128	72654.25	12347.89	3439.862

Sample Name: J1968-04 Acquired: 3/20/2018 15:10:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216899	-.057764	.1831921	.0000636	.0012096	124.6343	.8125909
Stddev	.0023919	.000521	.0023817	.0020897	.0009827	.4936	.0052869
%RSD	11.02794	.9014274	1.300091	3284.868	81.24282	.3960115	.6506268

#1	.0237973	-.058296	.1812093	.0013777	.0002972	124.3827	.8134038
#2	.0190900	-.057743	.1825332	-.002346	.0010815	125.2030	.8174243
#3	.0221824	-.057255	.1858339	.001159	.0022500	124.3173	.8069446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148316	.0042379	.0887536	.1006293	.2849794	.1156726	199.0062
Stddev	.0001693	.0004100	.0109931	.0004354	.0023411	.0017714	.3138
%RSD	1.141697	9.674870	12.38605	.4326613	.8214912	1.531344	.1576632

#1	.0149735	.0045085	.0770150	.1006951	.2853086	.1164535	199.1398
#2	.0146441	.0037662	.0988064	.1010281	.2824912	.1169194	199.2310
#3	.0148771	.0044391	.0904394	.1001648	.2871385	.1136450	198.6478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.344722	42.73568	.1995417	-.000084	1.334658	.1782946	.5484529
Stddev	.003151	.05180	.0019471	.000033	.019826	.0014531	.0082451
%RSD	.0942077	.1212112	.9758053	39.07301	1.485437	.8149898	1.503337

#1	3.347842	42.74469	.2003653	-.000080	1.345645	.1776359	.5416758
#2	3.344783	42.78238	.1973181	-.000119	1.311772	.1799604	.5576324
#3	3.341541	42.67996	.2009418	-.000053	1.346558	.1772875	.5460506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	61.93304	3.269725	-.005848	.0019806	.5510545	1.239488	-.000098
Stddev	.15842	.044750	.006156	.0001673	.0117989	.010939	.000580
%RSD	.2557917	1.368605	105.2679	8.448934	2.141144	.8825272	588.9107

#1	61.76558	3.295773	-.009693	.0020831	.5437099	1.242122	-.000401
#2	62.08053	3.218053	.001252	.0020712	.5447892	1.227472	-.000464
#3	61.95301	3.295349	-.009103	.0017875	.5646644	1.248869	.000570

Sample Name: J1968-04 Acquired: 3/20/2018 15:10:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	11.06670	.0187576	.0178685
Stddev	.03475	.0004356	.0000415
%RSD	.3140209	2.322350	.2320271

#1	11.06042	.0190117	.0178658
#2	11.10416	.0182546	.0178285
#3	11.03552	.0190064	.0179113

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5189.008	8224.642	90636.51	15584.92	3391.384
Stddev	61.770	37.159	1005.64	65.66	25.201
%RSD	1.190394	.4518044	1.109530	.4213057	.7431017

#1	5247.485	8252.943	91303.69	15656.77	3392.772
#2	5124.402	8238.422	89479.84	15528.03	3415.863
#3	5195.138	8182.562	91126.01	15569.96	3365.517

Sample Name: J1968-08 Acquired: 3/20/2018 15:30:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808999	-.039865	3.784904	.0101311	.0307305	181.6970	1.186868
Stddev	.0024985	.004057	.013648	.0020938	.0017291	.2191	.002681
%RSD	3.088424	10.17648	.3605991	20.66663	5.626675	.1205867	.2259226

#1	.0798752	-.043732	3.796278	.0097282	.0303042	181.8321	1.185696
#2	.0790768	-.035642	3.769770	.0082681	.0326329	181.4442	1.184972
#3	.0837480	-.040221	3.788665	.0123971	.0292544	181.8147	1.189935

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116097	.0376677	34.62659	.3315993	.2046766	4.534203	567.1575
Stddev	.0001427	.0002993	.18899	.0012628	.0012325	.028570	2.7339
%RSD	1.229352	.7945325	.5457908	.3808194	.6021572	.6300989	.4820291

#1	.0117522	.0374329	34.42859	.3329704	.2053509	4.514844	565.2081
#2	.0114668	.0375654	34.64611	.3304839	.2032541	4.520748	565.9820
#3	.0116101	.0380047	34.80506	.3313437	.2054248	4.567016	570.2825

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.219087	32.61841	.5026119	.0104211	2.057025	.4773371	16.41894
Stddev	.040526	.15252	.0017378	.0001563	.075374	.0010841	.07894
%RSD	.9605369	.4675858	.3457602	1.499606	3.664229	.2271160	.4808073

#1	4.181119	32.70750	.5020802	.0102476	2.136571	.4771268	16.42510
#2	4.214382	32.44230	.5012020	.0105507	1.986664	.4785110	16.49462
#3	4.261760	32.70543	.5045535	.0104651	2.047841	.4763736	16.33710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.91658	6.301233	.0091185	.0267227	5.058410	2.782943	.1160511
Stddev	.28395	.046674	.0069943	.0005557	.045469	.032516	.0021841
%RSD	.7905944	.7407196	76.70434	2.079629	.8988736	1.168396	1.882008

#1	35.66939	6.277730	.0079071	.0262273	5.040427	2.746156	.1140574
#2	35.85361	6.270983	.0166394	.0273236	5.024682	2.794832	.1157104
#3	36.22673	6.354988	.0028090	.0266172	5.110119	2.807841	.1183856

Sample Name: J1968-08 Acquired: 3/20/2018 15:30:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.165945	.0561113	.1508913
Stddev	.041979	.0010490	.0005456
%RSD	.5140700	1.869558	.3615660

#1	8.127264	.0561116	.1503046
#2	8.159988	.0550621	.1509857
#3	8.210584	.0571602	.1513834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2820.537	4333.964	49024.63	8374.566	3524.935
Stddev	15.699	10.754	86.71	48.867	11.258
%RSD	.5565799	.2481322	.1768770	.5835141	.3193885

#1	2829.402	4321.702	49082.76	8403.708	3514.609
#2	2802.411	4338.398	48924.96	8401.841	3536.938
#3	2829.797	4341.791	49066.17	8318.150	3523.259

Sample Name: J1968-09 Acquired: 3/20/2018 15:34:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216145	-.028607	.1985772	.0118084	.0079125	191.1668	.9767383
Stddev	.0028341	.004467	.0022641	.0001852	.0014032	.5573	.0015693
%RSD	13.11181	15.61561	1.140180	1.568369	17.73398	.2915140	.1606702

#1	.0183513	-.024962	.1979195	.0116179	.0064808	191.6777	.9780906
#2	.0234594	-.027268	.1967146	.0119879	.0092854	191.2502	.9750176
#3	.0230329	-.033590	.2010973	.0118193	.0079713	190.5725	.9771068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123009	-.001641	6.349874	.2754220	.0730596	.2051047	417.8866
Stddev	.0002890	.000068	.030724	.0010344	.0003370	.0017779	2.0104
%RSD	2.349690	4.118464	.4838468	.3755876	.4612793	.8668454	.4810778

#1	.0119891	-.001705	6.353614	.2757669	.0731340	.2052851	417.0993
#2	.0123535	-.001570	6.317452	.2762399	.0726916	.2067856	416.3891
#3	.0125600	-.001649	6.378557	.2742591	.0733531	.2032434	420.1715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.528610	28.09832	.1125708	.0033335	1.350190	.7425640	.5066065
Stddev	.016544	.07536	.0012446	.0005160	.116537	.0064336	.0065867
%RSD	.6542570	.2681851	1.105608	15.48073	8.631144	.8664031	1.300152

#1	2.512499	28.02368	.1127394	.0029027	1.220535	.7487248	.5141457
#2	2.527778	28.09691	.1112505	.0039055	1.446211	.7430787	.5037057
#3	2.545554	28.17437	.1137225	.0031923	1.383824	.7358885	.5019682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.93901	3.049444	-.014096	.0063112	1.747863	2.722210	.0174842
Stddev	.13779	.008505	.010174	.0002178	.003336	.011993	.0017151
%RSD	.3834010	.2789036	72.17632	3.451681	.1908678	.4405577	9.809447

#1	35.79696	3.040633	-.009951	.0063043	1.748240	2.714463	.0166405
#2	35.94796	3.057606	-.025689	.0065324	1.750994	2.716143	.0163544
#3	36.07210	3.050094	-.006649	.0060969	1.744354	2.736024	.0194577

Sample Name: J1968-09 Acquired: 3/20/2018 15:34:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.330559	.0493683	.0362340
Stddev	.007952	.0006251	.0001531
%RSD	.1491765	1.266146	.4225724

#1	5.324086	.0495352	.0360894
#2	5.339435	.0486768	.0362182
#3	5.328154	.0498931	.0363944

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.785	4252.089	47518.65	8034.668	3608.649
Stddev	12.660	20.397	92.17	55.941	23.548
%RSD	.4582237	.4797034	.1939599	.6962409	.6525430

#1	2756.584	4239.072	47504.12	8076.369	3603.463
#2	2777.350	4275.596	47434.62	7971.096	3634.357
#3	2754.421	4241.597	47617.22	8056.539	3588.125

Sample Name: J1968-10 Acquired: 3/20/2018 15:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003380	-.028557	1.090905	.0076927	.0098904	106.4284	.8949890
Stddev	.003352	.000350	.003524	.0033465	.0012747	.3332	.0028526
%RSD	99.18542	1.224511	.3230738	43.50226	12.88865	.3130879	.3187292

#1	-.005989	-.028360	1.089220	.0071552	.0097718	106.1047	.8933522
#2	.000401	-.028350	1.088540	.0046475	.0112203	106.4099	.8933319
#3	-.004552	-.028961	1.094956	.0112754	.0086791	106.7704	.8982829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061229	.0103234	69.79495	.1403147	.0785075	.5566477	369.8052
Stddev	.0000246	.0001667	.32532	.0009871	.0005337	.0048563	.4915
%RSD	.4023263	1.615172	.4661074	.7035199	.6797739	.8724263	.1328947

#1	.0061048	.0101426	69.43762	.1408822	.0791216	.5517627	369.3915
#2	.0061131	.0103564	70.07396	.1408871	.0781557	.5614749	370.3484
#3	.0061510	.0104711	69.87326	.1391749	.0782453	.5567055	369.6756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977800	32.03163	.1751389	.0103042	1.855470	.3249001	2.646701
Stddev	.013392	.18355	.0002709	.0004458	.319143	.0007562	.024156
%RSD	.2690271	.5730143	.1546783	4.325939	17.20010	.2327426	.9126754

#1	4.970968	31.87344	.1748290	.0101229	1.789624	.3245971	2.642361
#2	4.993229	32.23288	.1753308	.0099777	1.574386	.3243424	2.625009
#3	4.969201	31.98858	.1752567	.0108121	2.202400	.3257607	2.672732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.13690	14.54175	.0180400	.0251911	7.401312	1.765185	.0476367
Stddev	.10945	.02054	.0062319	.0006053	.005496	.016826	.0008128
%RSD	.2099318	.1412556	34.54472	2.402674	.0742609	.9531879	1.706295

#1	52.17414	14.52510	.0236523	.0244924	7.400179	1.761230	.0468451
#2	52.22287	14.56471	.0113335	.0255270	7.396471	1.783636	.0475957
#3	52.01368	14.53545	.0191342	.0255540	7.407287	1.750689	.0484692

Sample Name: J1968-10 Acquired: 3/20/2018 15:38:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AA8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.77679	.0349340	.1604660
Stddev	.04098	.0015611	.0004441
%RSD	.2974440	4.468795	.2767479

#1	13.73064	.0345847	.1600731
#2	13.79085	.0335770	.1603769
#3	13.80890	.0366401	.1609478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.731	3894.320	43640.51	7507.465	3609.033
Stddev	8.071	3.412	101.61	45.349	1.449
%RSD	.3250979	.0876202	.2328438	.6040528	.0401365

#1	2473.570	3890.634	43525.38	7514.553	3607.444
#2	2485.829	3897.368	43678.45	7458.989	3609.373
#3	2488.795	3894.959	43717.69	7548.852	3610.281

Sample Name: J1968-11 Acquired: 3/20/2018 15:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035539	-.211111	.1159793	.0017862	.0271069	483.0746
Stddev	.008024	.002395	.0042536	.0012632	.0025997	4.9991
%RSD	22.57685	1.134387	3.667561	70.71699	9.590395	1.034855

#1	-.030689	-.208839	.1127999	.0030580	.0266859	486.0939
#2	-.031128	-.213612	.1208112	.0005319	.0298914	485.8258
#3	-.044801	-.210880	.1143267	.0017688	.0247435	477.3042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.089271	.0266714	.0030649	3.161449	.2907847	.7376706
Stddev	.030521	.0002417	.0006951	.088443	.0023867	.0092500
%RSD	.7463741	.9062952	22.68080	2.797556	.8207807	1.253954

#1	4.123551	.0263974	.0022750	3.140586	.2880315	.7278659
#2	4.079216	.0268542	.0033366	3.085302	.2920553	.7462424
#3	4.065045	.0267626	.0035832	3.258458	.2922673	.7389035

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.382772	F 1023.271	15.43124	228.8610	.6207378	.0058035
Stddev	.010781	6.409	.12063	1.4376	.0070010	.0002016
%RSD	.7796678	.6263155	.7817523	.6281502	1.127853	3.474097

#1	1.392240	1027.529	15.49599	230.0333	.6126539	.0059989
#2	1.385038	1026.384	15.50568	229.2927	.6248302	.0055962
#3	1.371038	1015.900	15.29206	227.2570	.6247292	.0058154

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.342556	3.573030	1.311473	F 351.4128	4.486690	^ *****
Stddev	.035828	.032445	.014956	1.1520	.059862	-----
%RSD	1.071888	.9080483	1.140403	.3278190	1.334208	-----

#1	3.356009	3.600319	1.328633	352.7079	4.423756	^ -----
#2	3.369711	3.537156	1.301209	350.5022	4.542915	^ -----
#3	3.301948	3.581614	1.304578	351.0285	4.493399	^ -----

Sample Name: J1968-11 Acquired: 3/20/2018 15:41:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AA9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001625	.7838347	4.764682	.0430055	52.72440	.1102748
Stddev	.000500	.0194371	.019266	.0016028	.34061	.0013740
%RSD	30.76721	2.479741	.4043552	3.726839	.6460126	1.245961

#1	-.001063	.7654996	4.742616	.0444149	53.11414	.1118273
#2	-.002020	.8042124	4.778164	.0412621	52.48383	.1097813
#3	-.001793	.7817922	4.773267	.0433395	52.57523	.1092157

Elem	Sr4077
Units	ppm
Avg	.0432597
Stddev	.0002193
%RSD	.5069374

#1	.0434843
#2	.0432485
#3	.0430462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.702	4525.625	50618.29	8927.350	3027.449
Stddev	8.130	25.995	172.11	9.971	29.096
%RSD	.2827173	.5743976	.3400249	.1116868	.9610628

#1	2871.108	4552.841	50578.91	8938.536	3057.203
#2	2870.908	4501.053	50469.27	8924.121	2999.059
#3	2885.089	4522.981	50806.68	8919.395	3026.086

Sample Name: J1968-12 Acquired: 3/20/2018 15:45:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235806	-.017616	.1625579	.0043752	.0049353	167.3900	1.061923
Stddev	.0021262	.002218	.0012815	.0021109	.0022845	.8344	.007788
%RSD	9.016653	12.59178	.7883318	48.24589	46.28965	.4985034	.7334064

#1	.0251423	-.016365	.1611482	.0055612	.0048332	168.2703	1.068204
#2	.0211592	-.016305	.1628734	.0056263	.0027035	167.2893	1.064356
#3	.0244403	-.020177	.1636523	.0019381	.0072691	166.6105	1.053208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092612	-.001253	69.28081	.3577403	.1180474	.1961113	305.0514
Stddev	.0002294	.000103	.33546	.0008318	.0012413	.0025627	1.8492
%RSD	2.476944	8.248211	.4842060	.2325088	1.051556	1.306759	.6061802

#1	.0095171	-.001331	69.60267	.3578166	.1188445	.1976305	306.9407
#2	.0091927	-.001136	69.30652	.3585313	.1166172	.1975509	304.9684
#3	.0090739	-.001294	68.93323	.3568730	.1186806	.1931525	303.2452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.827448	30.55365	.2318198	.0017926	1.543577	.4334801	1.180872
Stddev	.028722	.24665	.0027479	.0003903	.068906	.0019775	.012903
%RSD	.5949686	.8072670	1.185342	21.77577	4.464029	.4562025	1.092682

#1	4.855149	30.78529	.2338094	.0019303	1.526861	.4324970	1.166959
#2	4.829390	30.58134	.2286845	.0020954	1.484568	.4321868	1.183211
#3	4.797804	30.29433	.2329655	.0013521	1.619303	.4357566	1.192445

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.25687	5.615884	.0303428	.0154416	5.151792	3.734160	.0165300
Stddev	.16094	.019793	.0022040	.0002225	.036205	.052471	.0009271
%RSD	.5148898	.3524515	7.263763	1.440786	.7027692	1.405164	5.608345

#1	31.44233	5.629598	.0282013	.0156461	5.187534	3.788783	.0175974
#2	31.17440	5.593193	.0326044	.0154741	5.115141	3.684144	.0160662
#3	31.15387	5.624862	.0302226	.0152047	5.152701	3.729554	.0159263

Sample Name: J1968-12 Acquired: 3/20/2018 15:45:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.816199	.0806565	.3088854
Stddev	.044190	.0003741	.0018546
%RSD	.7597679	.4638676	.6004298

#1	5.867007	.0810612	.3110138
#2	5.794866	.0805849	.3080261
#3	5.786722	.0803233	.3076162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.212	4180.075	47292.39	8100.252	3605.474
Stddev	32.112	11.939	106.81	39.592	25.037
%RSD	1.194099	.2856225	.2258398	.4887691	.6944112

#1	2688.287	4166.838	47385.74	8056.718	3581.109
#2	2721.777	4190.029	47315.50	8134.107	3631.133
#3	2657.573	4183.358	47175.92	8109.930	3604.181

Sample Name: J1968-13 Acquired: 3/20/2018 15:49:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133429	-.045007	.0564785	.0021621	.0042909	198.9535	1.097459
Stddev	.0020146	.005303	.0011799	.0015185	.0004672	.6942	.001652
%RSD	15.09833	11.78281	2.089166	70.23211	10.88815	.3489134	.1504899

#1	.0126363	-.038934	.0551663	.0030137	.0037664	198.1604	1.097464
#2	.0156156	-.048724	.0574521	.0030637	.0044438	199.2491	1.099108
#3	.0117769	-.047362	.0568172	.0004089	.0046625	199.4509	1.095805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111367	.0000403	.6088260	.2434550	.1336838	.0519335	248.8459
Stddev	.0001258	.0002701	.0151478	.0007781	.0025413	.0021615	.8544
%RSD	1.129437	670.2270	2.488036	.3196094	1.900971	4.162082	.3433398

#1	.0110085	-.000027	.5929158	.2425839	.1327592	.0542327	249.6321
#2	.0111418	.000338	.6104878	.2440810	.1365580	.0516249	248.9690
#3	.0112599	-.000190	.6230744	.2437003	.1317343	.0499429	247.9367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.006956	58.18765	.1576601	.0002687	1.262969	.4502312	.5963165
Stddev	.012793	.25651	.0014433	.0002193	.041098	.0016891	.0126570
%RSD	.3192716	.4408338	.9154781	81.59014	3.254111	.3751587	2.122534

#1	4.020932	58.46006	.1574420	.0004713	1.281772	.4502225	.5987944
#2	4.004112	58.15217	.1592001	.0002990	1.215833	.4519247	.5826038
#3	3.995824	57.95073	.1563382	.0000359	1.291302	.4485465	.6075514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	84.63941	1.267059	-.013191	-.000335	.2931993	4.452409	.0216284
Stddev	.23951	.013513	.004743	.000362	.0062002	.038609	.0010001
%RSD	.2829763	1.066484	35.95771	108.0429	2.114682	.8671413	4.624089

#1	84.45020	1.260932	-.007714	-.000004	.2903906	4.408095	.0204863
#2	84.55934	1.282550	-.015990	-.000721	.3003069	4.470348	.0220514
#3	84.90870	1.257695	-.015868	-.000279	.2889005	4.478785	.0223475

Sample Name: J1968-13 Acquired: 3/20/2018 15:49:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	15.21358	.0343505	.0127014
Stddev	.02584	.0004940	.0001391
%RSD	.1698569	1.437960	1.095216

#1	15.21017	.0338705	.0125863
#2	15.18961	.0348573	.0126619
#3	15.24096	.0343238	.0128560

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.081	5509.220	61372.68	10431.28	3511.182
Stddev	27.661	32.684	95.24	16.46	39.451
%RSD	.7853460	.5932553	.1551873	.1577633	1.123595

#1	3531.867	5520.261	61350.82	10430.28	3527.644
#2	3543.518	5472.446	61476.96	10415.34	3466.166
#3	3490.858	5534.953	61290.27	10448.21	3539.737

Sample Name: J1863-11 Acquired: 3/20/2018 16:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1149606	-.007512	.5142340	.0137027	.0214527	90.48453	.5746679
Stddev	.0064996	.001635	.0098993	.0021748	.0026109	.56425	.0026178
%RSD	5.653774	21.76565	1.925063	15.87093	12.17040	.6235895	.4555260

#1	.1088047	-.009004	.5122176	.0113676	.0243137	90.50834	.5728565
#2	.1143205	-.007768	.5054980	.0156702	.0191990	89.90875	.5734779
#3	.1217565	-.005764	.5249862	.0140704	.0208453	91.03650	.5776692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177859	-.003136	15.49528	.9193548	.1731091	.0291052	642.1233
Stddev	.0001529	.000405	.04507	.0041683	.0046147	.0007156	2.4500
%RSD	.8597917	12.91554	.2908631	.4533894	2.665750	2.458624	.3815455

#1	.0176126	-.003391	15.50883	.9234809	.1709529	.0284007	639.3257
#2	.0178431	-.003348	15.44499	.9151456	.1699673	.0290834	643.1587
#3	.0179019	-.002669	15.53202	.9194381	.1784072	.0298314	643.8857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26823	3.125318	.0902453	.0085725	1.253525	.9161025	.6141059
Stddev	.02310	.032496	.0015666	.0005270	.233154	.0094371	.0074885
%RSD	.2050420	1.039756	1.735959	6.147154	18.59985	1.030135	1.219420

#1	11.24215	3.120954	.0895560	.0083369	.989685	.9229218	.6215361
#2	11.27637	3.095224	.0891415	.0082045	1.431833	.9053320	.6065603
#3	11.28616	3.159775	.0920384	.0091762	1.339058	.9200536	.6142212

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9372265	1.856649	-.045926	.0131731	.5305543	7.525022	.0161123
Stddev	.0269558	.043051	.006519	.0004140	.0138527	.011658	.0005418
%RSD	2.876123	2.318743	14.19531	3.143023	2.610993	.1549287	3.362886

#1	.9629551	1.836044	-.052540	.0127024	.5169419	7.513612	.0155150
#2	.9091917	1.827772	-.039505	.0134809	.5300854	7.536913	.0165723
#3	.9395326	1.906130	-.045733	.0133360	.5446355	7.524540	.0162496

Sample Name: J1863-11 Acquired: 3/20/2018 16:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAMF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7779144	.0288527	.0714698
Stddev	.0041340	.0004206	.0001142
%RSD	.5314154	1.457756	.1598336

#1	.7766187	.0283670	.0715503
#2	.7745834	.0290944	.0713391
#3	.7825410	.0290967	.0715200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.089	3626.536	41328.89	6947.727	3658.995
Stddev	13.457	60.081	31.52	24.392	69.426
%RSD	.5672977	1.656700	.0762561	.3510820	1.897417

#1	2377.667	3657.883	41312.16	6934.051	3688.224
#2	2356.740	3664.460	41365.24	6975.889	3709.026
#3	2381.860	3557.265	41309.26	6933.240	3579.733

Sample Name: CCV055 Acquired: 3/20/2018 16:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960765	4.919050	24.84741	4.958257	4.969801	413.7014	10.14603
Stddev	.025322	.066244	.11365	.028285	.028384	1.2361	.02326
%RSD	.5104439	1.346688	.4573860	.5704549	.5711306	.2987976	.2292519

#1	4.972287	4.992245	24.89600	4.973322	4.965987	413.3531	10.11975
#2	4.931731	4.863212	24.71754	4.925628	4.943517	412.6767	10.15438
#3	4.978276	4.901692	24.92868	4.975819	4.999900	415.0743	10.16397

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4884750	2.480350	398.7566	15.30877	2.500715	15.07151	389.2181
Stddev	.0021728	.012214	.4438	.14721	.012936	.03983	1.6180
%RSD	.4448164	.4924159	.1112908	.9615996	.5172807	.2642870	.4157058

#1	.4907454	2.486217	398.2487	15.47838	2.507627	15.05367	387.6610
#2	.4882646	2.466310	398.9513	15.23378	2.485792	15.04372	390.8908
#3	.4864150	2.488524	399.0696	15.21416	2.508726	15.11715	389.1025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76335	382.4699	2.497534	1.252204	391.6391	2.520120	14.37274
Stddev	.03927	1.6651	.014139	.007974	1.4859	.012453	.11746
%RSD	.2660103	.4353535	.5661162	.6368096	.3793996	.4941542	.8172419

#1	14.72101	380.5544	2.501851	1.259980	389.9710	2.522958	14.24581
#2	14.79858	383.2836	2.481740	1.252587	392.8208	2.506493	14.39479
#3	14.77046	383.5717	2.509011	1.244045	392.1255	2.530909	14.47761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0019	5.084392	4.767206	4.856428	5.144409	4.818664	4.955948
Stddev	.0238	.061043	.009725	.032617	.054991	.010905	.031709
%RSD	.0156257	1.200603	.2039942	.6716152	1.068956	.2263031	.6398248

#1	151.9912	5.153273	4.775431	4.860196	5.197854	4.831061	4.981337
#2	152.0292	5.036994	4.769713	4.822090	5.087992	4.810551	4.920405
#3	151.9854	5.062910	4.756472	4.886996	5.147380	4.814382	4.966101

Sample Name: CCV055 Acquired: 3/20/2018 16:10:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.008142	5.054879	5.082393
Stddev	.013551	.016183	.004465
%RSD	.2705734	.3201477	.0878464

#1	5.001215	5.051477	5.078084
#2	4.999456	5.040667	5.082096
#3	5.023756	5.072493	5.086999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.369	2843.076	33628.41	6058.968	2944.767
Stddev	3.976	15.295	157.07	13.390	11.339
%RSD	.2134966	.5379599	.4670866	.2209992	.3850485

#1	1860.723	2842.684	33461.83	6047.640	2937.958
#2	1866.904	2858.563	33649.59	6073.746	2957.857
#3	1859.481	2827.981	33773.83	6055.517	2938.487

Sample Name: CCB055 Acquired: 3/20/2018 16:13:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028150	.0012646	.0012792	.0015636	-.000137	-.000718	.0008278
Stddev	.0011714	.0018845	.0019818	.0014849	.001169	.005326	.0003302
%RSD	41.61122	149.0204	154.9224	94.97160	852.1985	741.6083	39.89030

#1	.0022735	.0011732	-.000999	.0013448	-.001486	-.006106	.0011789
#2	.0020124	.0031931	.002236	.0002001	.000501	.004544	.0005234
#3	.0041592	-.000573	.002601	.0031457	.000574	-.000592	.0007812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000332	.0000339	-.013739	.0002832	.0000218	-.001417	-.003777
Stddev	.0000879	.0000261	.008106	.0002488	.0001467	.002234	.007632
%RSD	264.8302	76.89985	59.00230	87.86912	673.0262	157.6779	202.0709

#1	-.000052	.0000223	-.004998	.0000141	.0001778	.000879	.005025
#2	.000028	.0000638	-.015209	.0003305	-.000113	-.003583	-.008554
#3	.000123	.0000157	-.021010	.0005049	.000001	-.001546	-.007802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005116	.0214752	-.000090	-.000126	.0334749	-.000822	-.002303
Stddev	.0010944	.0259352	.000383	.000182	.1990843	.003998	.000777
%RSD	213.9069	120.7682	425.5878	144.4234	594.7277	486.4092	33.73523

#1	-.000285	.0298179	.000284	.000081	.0823538	-.000776	-.001795
#2	.000060	.0422123	-.000073	-.000259	.2035674	.003153	-.003198
#3	.001760	-.007605	-.000481	-.000199	-.185497	-.004842	-.001917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2188137	.0001864	.0028355	-.000066	-.035800	-.000530	-.000082
Stddev	.0701016	.0046981	.0012528	.000252	.001934	.000610	.000461
%RSD	32.03712	2520.995	44.18183	382.5692	5.402970	115.0738	560.1859

#1	.2640399	.0041684	.0036591	-.000346	-.035651	-.000310	-.000140
#2	.2543401	-.004995	.0034537	.000144	-.033945	-.001220	.000405
#3	.1380613	.001386	.0013938	.000004	-.037804	-.000061	-.000512

Sample Name: CCB055 Acquired: 3/20/2018 16:13:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001473	-.002111	-.000069
Stddev	.001083	.001060	.000033
%RSD	73.49447	50.21326	47.89054

#1	-.000290	-.001017	-.000032
#2	-.001716	-.002184	-.000095
#3	-.002414	-.003133	-.000082

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.413	3473.962	39171.35	6460.258	4074.702
Stddev	26.979	14.953	162.05	24.228	18.835
%RSD	1.187248	.4304283	.4137076	.3750266	.4622318

#1	2264.743	3456.788	39048.29	6439.075	4054.105
#2	2250.100	3481.004	39110.79	6486.675	4078.952
#3	2302.397	3484.094	39354.96	6455.025	4091.048

Sample Name: J1610-02DLX3 Acquired: 3/20/2018 16:58:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405532	-.001784	1.153667	-.001459	.0034529	13.65434	13.49936
Stddev	.0030523	.000344	.017633	.002563	.0020727	.22785	.90297
%RSD	7.526559	19.28137	1.528440	175.6516	60.02708	1.668684	6.688989

#1	.0418166	-.001525	1.173301	-.000921	.0012361	13.49216	13.71510
#2	.0427710	-.002175	1.148520	-.004248	.0037801	13.55603	12.50806
#3	.0370721	-.001653	1.139180	.000792	.0053426	13.91484	14.27493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025717	.0038146	70.09724	.0860638	.0274042	.0901379	84.99627
Stddev	.0000746	.0001731	1.10406	.0004840	.0004731	.0006801	1.34683
%RSD	2.900199	4.538906	1.575034	.5624033	1.726377	.7544882	1.584578

#1	.0025794	.0039448	69.03098	.0866214	.0279479	.0894906	83.81186
#2	.0026422	.0038809	70.02517	.0857522	.0271788	.0908466	84.71566
#3	.0024936	.0036181	71.23556	.0858178	.0270860	.0900764	86.46131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.884967	31.83631	.0352410	.0012903	.4821458	.1211381	1.868747
Stddev	.031798	.57475	.0005909	.0000773	.1901848	.0057356	.032595
%RSD	1.686907	1.805313	1.676618	5.989372	39.44549	4.734767	1.744239

#1	1.860526	31.25565	.0358704	.0013192	.3928049	.1217476	1.900614
#2	1.873459	31.84833	.0346982	.0013490	.7005514	.1151221	1.835469
#3	1.920917	32.40495	.0351544	.0012027	.3530812	.1265446	1.870157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.494874	1.923366	.0071900	.0033756	4.213566	9.739779	.0014175
Stddev	.006529	.014539	.0012916	.0000966	.041647	.114339	.0004731
%RSD	.4367893	.7559388	17.96417	2.860338	.9883927	1.173936	33.37493

#1	1.488396	1.929493	.0071775	.0033422	4.232862	9.665802	.0019460
#2	1.494772	1.933839	.0084879	.0034845	4.242066	9.682064	.0010337
#3	1.501454	1.906766	.0059047	.0033002	4.165772	9.871472	.0012727

Sample Name: J1610-02DLX3 Acquired: 3/20/2018 16:58:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3590587	.0058592	.1826468
Stddev	.0037049	.0012391	.0028997
%RSD	1.031823	21.14755	1.587613

#1	.3561250	.0059505	.1804764
#2	.3578291	.0045770	.1815239
#3	.3632221	.0070501	.1859400

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.948	3455.261	38174.28	6552.990	3782.883
Stddev	23.925	59.519	87.65	112.432	60.342
%RSD	1.093998	1.722571	.2295925	1.715732	1.595132

#1	2160.536	3393.094	38079.69	6645.459	3717.601
#2	2193.141	3460.970	38190.42	6585.674	3794.431
#3	2207.168	3511.721	38252.74	6427.838	3836.616

Sample Name: J1610-04DLX3 Acquired: 3/20/2018 17:03:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280963	-.002349	1.974210	.0035400	.0038363	6.656687	10.27629
Stddev	.0027952	.000534	.015697	.0012716	.0009804	.023966	.03508
%RSD	9.948641	22.74645	.7951057	35.92112	25.55459	.3600276	.3413833

#1	.0312386	-.002731	1.963970	.0049654	.0036978	6.668837	10.31675
#2	.0258867	-.001738	1.966378	.0031329	.0029326	6.672144	10.25776
#3	.0271636	-.002579	1.992282	.0025219	.0048786	6.629079	10.25437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009997	.0287154	659.4060	.0107930	.0119232	.0776871	45.11703
Stddev	.0001190	.0000903	1.9325	.0004121	.0004128	.0021699	.12633
%RSD	11.90138	.3144993	.2930608	3.817852	3.461976	2.793098	.2800121

#1	.0011258	.0287370	660.3679	.0107431	.0119737	.0771914	45.26232
#2	.0009838	.0286163	657.1813	.0104082	.0123085	.0800620	45.03305
#3	.0008894	.0287930	660.6687	.0112277	.0114875	.0758080	45.05572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.313133	353.7167	.0287300	.0013481	.9163162	.0526580	5.249539
Stddev	.006142	.6946	.0000597	.0004274	.2057564	.0043818	.045663
%RSD	.4677387	.1963616	.2079359	31.70522	22.45473	8.321284	.8698485

#1	1.319732	354.3336	.0287900	.0017552	.7270232	.0483680	5.257863
#2	1.307584	352.9644	.0286706	.0013861	1.135308	.0571262	5.290468
#3	1.312082	353.8521	.0287294	.0009029	.886617	.0524797	5.200287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5146572	.7272905	.0157431	.0072059	9.557652	6.191062	-.003067
Stddev	.0351923	.0016813	.0011761	.0001426	.026664	.032492	.000343
%RSD	6.838005	.2311739	7.470364	1.979124	.2789816	.5248246	11.19002

#1	.4793094	.7292319	.0147700	.0070519	9.585035	6.228129	-.003431
#2	.5496919	.7263139	.0154093	.0073333	9.531771	6.177559	-.003021
#3	.5149702	.7263257	.0170500	.0072326	9.556149	6.167499	-.002749

Sample Name: J1610-04DLX3 Acquired: 3/20/2018 17:03:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1020068	.0148663	.3364946
Stddev	.0011378	.0010222	.0005995
%RSD	1.115413	6.875752	.1781508

#1	.1032672	.0158159	.3370872
#2	.1016978	.0149986	.3365081
#3	.1010555	.0137845	.3358885

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.201	3036.543	34878.69	6176.870	3158.330
Stddev	8.173	19.609	130.54	21.299	17.558
%RSD	.4115048	.6457554	.3742564	.3448250	.5559270

#1	1992.378	3038.154	35028.88	6193.062	3159.045
#2	1976.933	3055.296	34792.57	6184.806	3175.520
#3	1989.292	3016.178	34814.63	6152.742	3140.425

Sample Name: J1610-05DLX2 Acquired: 3/20/2018 17:07:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716524	.0048824	1.405129	.0027703	.0031527	49.11931	15.92419
Stddev	.0040661	.0031084	.005073	.0030302	.0013771	.56037	.37223
%RSD	5.674814	63.66456	.3610045	109.3819	43.68117	1.140836	2.337509

#1	.0750117	.0083921	1.400194	-.000193	.0040331	49.64806	16.34094
#2	.0671320	.0037781	1.410329	.002641	.0038593	48.53193	15.80690
#3	.0728134	.0024769	1.404863	.005863	.0015657	49.17795	15.62473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053081	.0039645	39.71767	.1012787	.0889408	.1437643	110.4410
Stddev	.0001228	.0000277	.27646	.0001567	.0004707	.0010132	.7538
%RSD	2.312732	.6996789	.6960631	.1546993	.5292425	.7047674	.6825806

#1	.0054456	.0039659	39.99589	.1011806	.0884412	.1449003	111.1664
#2	.0052096	.0039915	39.44301	.1014594	.0893760	.1429539	109.6616
#3	.0052692	.0039361	39.71411	.1011962	.0890052	.1434388	110.4950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.494774	17.99711	.0868539	.0013203	.4202690	.1991163	1.986580
Stddev	.060737	.17807	.0005331	.0004840	.1682570	.0033135	.021818
%RSD	.7149901	.9894217	.6137756	36.66151	40.03554	1.664104	1.098256

#1	8.551033	18.19603	.0867792	.0017327	.2276528	.2028330	2.011773
#2	8.430379	17.85259	.0874204	.0007874	.4945620	.1980444	1.973861
#3	8.502909	17.94270	.0863621	.0014406	.5385922	.1964714	1.974107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.029121	3.921733	.0079402	.0046298	4.825895	19.38251	.0049044
Stddev	.065820	.035483	.0004697	.0001226	.018968	.09919	.0007288
%RSD	1.091707	.9047703	5.915237	2.648837	.3930539	.5117367	14.85997

#1	6.103992	3.884197	.0079471	.0047490	4.805223	19.49253	.0057089
#2	6.003003	3.954724	.0074671	.0046366	4.842501	19.29993	.0042884
#3	5.980369	3.926278	.0084064	.0045039	4.829961	19.35507	.0047158

Sample Name: J1610-05DLX2 Acquired: 3/20/2018 17:07:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9196256	.0286306	.1534417
Stddev	.0110992	.0004695	.0016492
%RSD	1.206922	1.639878	1.074777

#1	.9306859	.0281697	.1549866
#2	.9084880	.0286139	.1517051
#3	.9197028	.0291083	.1536335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.541	3659.258	41482.97	6894.060	3784.578
Stddev	16.645	9.290	217.77	87.677	14.977
%RSD	.6977300	.2538667	.5249598	1.271769	.3957307

#1	2369.457	3667.977	41254.82	6792.988	3794.670
#2	2384.473	3649.487	41505.47	6949.656	3767.370
#3	2402.695	3660.309	41688.61	6939.535	3791.694

Sample Name: J1610-06DLX2 Acquired: 3/20/2018 17:11:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826706	.0050478	1.527969	.0057851	.0029535	50.50571	15.79137
Stddev	.0038694	.0034447	.009232	.0014901	.0019257	.18174	.05533
%RSD	4.680518	68.24177	.6042073	25.75752	65.20133	.3598495	.3504041

#1	.0782123	.0072076	1.517681	.0068517	.0014788	50.38898	15.80539
#2	.0846460	.0010753	1.530695	.0064211	.0022496	50.41303	15.83835
#3	.0851536	.0068606	1.535532	.0040826	.0051322	50.71511	15.73038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053742	.0038020	44.43826	.0978503	.0983403	.1544812	110.3969
Stddev	.0001365	.0000604	.15504	.0005910	.0005891	.0048960	.1166
%RSD	2.539368	1.589734	.3488891	.6040100	.5990643	3.169337	.1056028

#1	.0053273	.0038637	44.27810	.0973299	.0977377	.1496723	110.3351
#2	.0052674	.0037429	44.58762	.0977281	.0983681	.1594599	110.5313
#3	.0055280	.0037993	44.44907	.0984929	.0989150	.1543112	110.3241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.974328	20.63674	.0855936	.0013778	.4819171	.2024247	2.101845
Stddev	.045811	.08310	.0005128	.0004349	.2855048	.0021993	.016918
%RSD	.5104633	.4026760	.5991308	31.56145	59.24355	1.086473	.8049069

#1	8.944589	20.56352	.0854735	.0018677	.7687300	.2038733	2.084173
#2	9.027083	20.72705	.0851514	.0010374	.4792828	.1998940	2.117891
#3	8.951312	20.61964	.0861558	.0012284	.1977386	.2035069	2.103471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.073610	3.956950	.0144168	.0047883	4.847808	18.57612	.0041780
Stddev	.040968	.011654	.0033627	.0002872	.022906	.08886	.0004771
%RSD	.6745272	.2945149	23.32490	5.998645	.4725045	.4783621	11.41823

#1	6.116063	3.944923	.0163859	.0046413	4.838830	18.49630	.0047176
#2	6.034309	3.957738	.0163304	.0046042	4.830750	18.56020	.0040042
#3	6.070458	3.968191	.0105340	.0051192	4.873843	18.67187	.0038123

Sample Name: J1610-06DLX2 Acquired: 3/20/2018 17:11:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9130320	.0272258	.1486890
Stddev	.0027933	.0005049	.0000907
%RSD	.3059356	1.854595	.0609932

#1	.9111734	.0266650	.1487916
#2	.9162442	.0273685	.1486193
#3	.9116783	.0276441	.1486563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.381	3623.254	41272.79	6966.378	3736.949
Stddev	12.793	48.050	141.24	18.810	50.041
%RSD	.5406315	1.326152	.3422173	.2700112	1.339083

#1	2372.178	3658.211	41109.71	6978.988	3774.118
#2	2351.715	3568.462	41355.27	6975.390	3680.051
#3	2375.249	3643.089	41353.40	6944.758	3756.678

Sample Name: J1610-07DLX2 Acquired: 3/20/2018 17:15:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1058252	.0543267	1.418781	.0445383	.0287372	55.10866	18.19163
Stddev	.0026279	.0042804	.004058	.0020910	.0005198	.47193	.02701
%RSD	2.483225	7.879011	.2860143	4.694853	1.808973	.8563656	.1484843

#1	.1027967	.0504539	1.422925	.0465381	.0287579	54.65423	18.16284
#2	.1075043	.0536036	1.418602	.0423667	.0282073	55.07539	18.21642
#3	.1071745	.0589226	1.414815	.0447100	.0292463	55.59634	18.19563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540962	.0541254	43.76594	.3042978	.6056052	.3923225	105.3228
Stddev	.0003216	.0001069	.46121	.0014776	.0031547	.0035218	1.0966
%RSD	.5945595	.1975775	1.053802	.4855743	.5209116	.8976819	1.041216

#1	.0537257	.0542485	43.46005	.3055705	.6092469	.3882622	105.1097
#2	.0542601	.0540553	43.54135	.3046456	.6038587	.3945502	104.3484
#3	.0543030	.0540724	44.29643	.3026774	.6037101	.3941549	106.5103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.271314	20.12647	.6023449	.0447776	.3505606	.7084872	2.644202
Stddev	.099412	.16384	.0025201	.0004080	.1329985	.0012685	.019839
%RSD	1.072253	.8140376	.4183774	.9110536	37.93879	.1790453	.7502876

#1	9.231206	20.04054	.6050083	.0445788	.2328870	.7098264	2.662629
#2	9.198221	20.02346	.6020284	.0452468	.4948566	.7073038	2.646776
#3	9.384514	20.31539	.5999980	.0445071	.3239383	.7083313	2.623202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.568759	3.786561	.0115034	.0045996	4.774288	17.72898	.0052784
Stddev	.090406	.014910	.0027476	.0003911	.027449	.03278	.0005861
%RSD	1.376308	.3937483	23.88548	8.502475	.5749341	.1848740	11.10338

#1	6.536526	3.794724	.0108269	.0047663	4.795748	17.74037	.0059514
#2	6.498887	3.769352	.0091572	.0041528	4.743358	17.69203	.0048800
#3	6.670865	3.795605	.0145261	.0048797	4.783759	17.75454	.0050039

Sample Name: J1610-07DLX2 Acquired: 3/20/2018 17:15:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9522372	.0279706	.1477249
Stddev	.0106983	.0006253	.0011839
%RSD	1.123489	2.235748	.8014346

#1	.9409676	.0280300	.1468018
#2	.9534902	.0273176	.1473133
#3	.9622538	.0285641	.1490597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.313	3684.135	41213.85	6910.875	3805.238
Stddev	7.476	13.065	73.75	72.594	14.729
%RSD	.3155212	.3546368	.1789368	1.050424	.3870600

#1	2362.520	3673.097	41162.01	6935.640	3788.555
#2	2368.097	3698.560	41298.28	6967.845	3816.442
#3	2377.322	3680.747	41181.26	6829.139	3810.718

Sample Name: J1610-05LDLX10 Acquired: 3/20/2018 17:19:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222388	.0006919	.3006643	.0020030	.0013831	10.74546	3.450500
Stddev	.0034897	.0027190	.0019350	.0018974	.0012655	.09434	.024594
%RSD	15.69210	392.9948	.6435843	94.73073	91.50262	.8779520	.7127801

#1	.0200172	.0030188	.2986136	.0000553	.0028287	10.83735	3.477821
#2	.0262611	.0013538	.3009214	.0038458	.0008448	10.75020	3.430128
#3	.0204381	-.002297	.3024580	.0021078	.0004757	10.64885	3.443550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011696	.0007829	9.223331	.0223217	.0186856	.0275843	24.32765
Stddev	.0000593	.0000378	.075408	.0003426	.0003329	.0015448	.15323
%RSD	5.074119	4.827670	.8175797	1.534716	1.781773	5.600261	.6298527

#1	.0012379	.0007395	9.228897	.0225566	.0183052	.0293542	24.41838
#2	.0011306	.0008083	9.145294	.0224798	.0188274	.0265074	24.15074
#3	.0011403	.0008010	9.295801	.0219286	.0189241	.0268911	24.41383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938605	4.263611	.0174180	.0000340	.2349405	.0433902	.4447623
Stddev	.013825	.030609	.0003617	.0000267	.1493345	.0020985	.0073598
%RSD	.7131554	.7179201	2.076630	78.71996	63.56268	4.836349	1.654778

#1	1.945972	4.298902	.0176777	.0000081	.3582356	.0423539	.4492592
#2	1.922657	4.244279	.0170048	.0000615	.2776937	.0458052	.4362688
#3	1.947187	4.247653	.0175713	.0000323	.0688922	.0420114	.4487588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.233864	.7831744	-.001275	.0009675	.9259257	4.248245	.0014619
Stddev	.021056	.0022005	.000526	.0002510	.0053922	.043173	.0006456
%RSD	1.706475	.2809768	41.24966	25.94398	.5823534	1.016250	44.15998

#1	1.240106	.7806398	-.001710	.0009574	.9321370	4.285124	.0021955
#2	1.210394	.7842861	-.000691	.0012234	.9224461	4.200756	.0012092
#3	1.251094	.7845973	-.001424	.0007217	.9231939	4.258853	.0009808

Sample Name: J1610-05LDLX10 Acquired: 3/20/2018 17:19:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1972314	.0038315	.0327524
Stddev	.0015892	.0007033	.0001328
%RSD	.8057382	18.35505	.4054835

#1	.1989292	.0030722	.0328968
#2	.1969856	.0039618	.0326355
#3	.1957795	.0044605	.0327250

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.927	3548.021	39480.16	6509.671	3995.807
Stddev	25.606	24.214	129.20	34.346	26.656
%RSD	1.137071	.6824630	.3272543	.5276160	.6670936

#1	2243.508	3552.729	39628.86	6476.525	4003.394
#2	2280.682	3569.535	39416.32	6545.103	4017.846
#3	2231.590	3521.798	39395.32	6507.384	3966.180

Sample Name: J1610-08DLX3 Acquired: 3/20/2018 17:23:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578082	.0001186	4.003665	.0038408	.0025902	37.24866	13.19156
Stddev	.0028819	.0017832	.014458	.0022152	.0006085	.32935	.17324
%RSD	4.985276	1503.072	.3611221	57.67364	23.49311	.8841795	1.313262

#1	.0609008	-.001048	3.992840	.0038390	.0030665	37.60934	13.07480
#2	.0551979	.002171	3.998070	.0016266	.0019047	37.17273	13.10926
#3	.0573257	-.000767	4.020084	.0060569	.0027995	36.96392	13.39060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041726	.0127800	117.3019	.0846501	.0522217	.2046717	108.3451
Stddev	.0001120	.0000666	.5747	.0013343	.0003148	.0027432	.6032
%RSD	2.683327	.5207983	.4899119	1.576202	.6028359	1.340309	.5567044

#1	.0042674	.0128145	117.8620	.0860530	.0518592	.2068981	108.9514
#2	.0040491	.0128222	116.7137	.0833972	.0524260	.2055098	107.7451
#3	.0042013	.0127033	117.3301	.0845001	.0523801	.2016071	108.3389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.268389	53.83671	.0710170	.0024749	.3697476	.1490506	3.770973
Stddev	.011788	.21928	.0006300	.0001322	.2252868	.0045093	.076919
%RSD	.2761739	.4073145	.8871373	5.343720	60.92988	3.025336	2.039767

#1	4.279940	54.04967	.0702940	.0023574	.4777506	.1502787	3.816836
#2	4.256377	53.61161	.0713086	.0024490	.1107933	.1440545	3.813913
#3	4.268848	53.84886	.0714484	.0026181	.5206989	.1528186	3.682171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.608985	2.771907	.0127051	.0050697	5.275049	15.03100	.1145550
Stddev	.011797	.019145	.0034382	.0002397	.018188	.36189	.0021764
%RSD	.2559585	.6906926	27.06127	4.727752	.3447949	2.407614	1.899840

#1	4.615896	2.750203	.0090082	.0052297	5.263182	15.44768	.1138694
#2	4.615696	2.779121	.0158069	.0047941	5.265976	14.79539	.1128041
#3	4.595363	2.786398	.0133003	.0051851	5.295989	14.84992	.1169917

Sample Name: J1610-08DLX3 Acquired: 3/20/2018 17:23:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4441590	.0221181	.1747483
Stddev	.0022511	.0008910	.0013720
%RSD	.5068328	4.028130	.7851487

#1	.4462225	.0228371	.1763128
#2	.4417583	.0223958	.1741822
#3	.4444961	.0211214	.1737499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.763	3531.053	39146.80	6748.413	3640.151
Stddev	38.891	5.172	325.92	87.278	1.276
%RSD	1.741851	.1464834	.8325621	1.293306	.0350548

#1	2191.577	3525.550	38782.14	6649.546	3641.282
#2	2237.852	3531.793	39248.56	6814.768	3640.404
#3	2268.858	3535.816	39409.70	6780.925	3638.768

Sample Name: J1988-01 Acquired: 3/20/2018 17:30:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6817455	.0136817	.1549543	.0081402	.0334422	234.6867	.7508120
Stddev	.0023138	.0031113	.0030472	.0027972	.0019579	1.0702	.0032579
%RSD	.3393918	22.74036	1.966539	34.36343	5.854531	.4559953	.4339202

#1	.6835994	.0107343	.1567958	.0080935	.0356899	233.6469	.7483923
#2	.6824847	.0133763	.1514370	.0053666	.0325284	235.7848	.7545164
#3	.6791525	.0169343	.1566302	.0109605	.0321082	234.6284	.7495272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073927	-.000693	30.13845	.2835507	.3265670	.8438891	292.6724
Stddev	.0001023	.000109	.09513	.0005199	.0030120	.0047919	.7445
%RSD	1.383325	15.74618	.3156352	.1833391	.9223340	.5678295	.2543720

#1	.0074604	-.000807	30.18714	.2829923	.3292919	.8390590	293.5140
#2	.0072751	-.000683	30.02883	.2836390	.3233328	.8439664	292.1001
#3	.0074426	-.000589	30.19937	.2840207	.3270763	.8486418	292.4029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.45103	13.19617	.3146359	.0025448	1.604782	.6021969	1.179917
Stddev	.10086	.10147	.0029017	.0006550	.140888	.0008229	.009840
%RSD	.5185123	.7689077	.9222571	25.73925	8.779267	.1366528	.8339196

#1	19.52918	13.14395	.3169401	.0017893	1.447362	.6020594	1.190593
#2	19.33718	13.31312	.3113771	.0029522	1.719039	.6014514	1.171213
#3	19.48673	13.13146	.3155905	.0028930	1.647946	.6030799	1.177944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.632967	7.227966	-.003417	-.000131	3.571373	1.628065	.0101330
Stddev	.022979	.073834	.006851	.000184	.031880	.012813	.0014945
%RSD	.6325265	1.021499	200.4867	140.2367	.8926447	.7869961	14.74845

#1	3.610387	7.293025	.002678	-.000306	3.590578	1.626478	.0093983
#2	3.632189	7.147719	-.002098	.000061	3.534573	1.616120	.0091481
#3	3.656326	7.243154	-.010833	-.000149	3.588967	1.641598	.0118526

Sample Name: J1988-01 Acquired: 3/20/2018 17:30:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHR86 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3881638	.1408282	.4531938
Stddev	.0022760	.0023531	.0002047
%RSD	.5863415	1.670894	.0451755

#1	.3881622	.1392238	.4529863
#2	.3904405	.1397314	.4531995
#3	.3858886	.1435295	.4533957

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.364	3708.449	41988.83	7110.112	3640.340
Stddev	20.678	32.147	92.54	6.966	32.104
%RSD	.8610897	.8668643	.2203994	.0979708	.8818896

#1	2378.139	3677.571	41888.37	7106.447	3610.512
#2	2408.180	3741.731	42070.61	7118.146	3674.316
#3	2417.774	3706.045	42007.50	7105.744	3636.192

Sample Name: J1988-02 Acquired: 3/20/2018 17:34:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8139925	-.002195	.0912292	.0064215	.0457326	239.2787	.7252353
Stddev	.0059210	.004408	.0015489	.0035739	.0004001	1.6812	.0047874
%RSD	.7274061	200.8623	1.697832	55.65478	.8748271	.7026022	.6601182

#1	.8089933	.002136	.0906680	.0071617	.0461529	239.5273	.7283620
#2	.8205312	-.002044	.0900391	.0095674	.0456886	240.8218	.7276201
#3	.8124528	-.006676	.0929805	.0025355	.0453564	237.4871	.7197239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093722	-.003094	35.50978	.3587808	.2093050	.7274085	377.8210
Stddev	.0002106	.000144	.35070	.0069971	.0012745	.0095719	4.2027
%RSD	2.246809	4.645604	.9876183	1.950234	.6089235	1.315896	1.112339

#1	.0094989	-.003186	35.86024	.3663241	.2086423	.7333158	381.5402
#2	.0094887	-.002929	35.51027	.3525026	.2107744	.7325449	378.6610
#3	.0091292	-.003169	35.15884	.3575155	.2084984	.7163647	373.2618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.297674	22.62738	.2134699	.0046173	1.702595	.8000625	.7664343
Stddev	.116650	.27924	.0011584	.0006061	.208822	.0029163	.0122704
%RSD	1.254611	1.234090	.5426390	13.12623	12.26495	.3645115	1.600974

#1	9.396095	22.92608	.2124526	.0043348	1.464267	.8032581	.7742801
#2	9.328101	22.58321	.2147306	.0042041	1.853485	.7975449	.7522940
#3	9.168826	22.37286	.2132264	.0053131	1.790034	.7993846	.7727288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.074783	7.776474	-.006451	.0002120	3.752541	1.385561	.0061277
Stddev	.092062	.077763	.006345	.0002708	.043011	.022024	.0005330
%RSD	2.259310	.9999818	98.36381	127.7579	1.146172	1.589541	8.698717

#1	4.179228	7.750884	-.002619	.0003452	3.753276	1.410992	.0062194
#2	4.039705	7.863807	-.013775	.0003903	3.795179	1.373006	.0066090
#3	4.005417	7.714730	-.002958	-.000100	3.709167	1.372686	.0055548

Sample Name: J1988-02 Acquired: 3/20/2018 17:34:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR87 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5221285	.1007082	.5764418
Stddev	.0052595	.0004718	.0049773
%RSD	1.007316	.4684381	.8634475

#1	.5264482	.1001716	.5790339
#2	.5236656	.1008951	.5795880
#3	.5162718	.1010579	.5707034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.096	3611.733	40565.48	6922.362	3654.367
Stddev	29.214	20.359	617.78	61.984	15.993
%RSD	1.262444	.5636814	1.522913	.8954139	.4376447

#1	2282.097	3624.827	39905.53	6874.576	3662.094
#2	2320.847	3588.278	41129.97	6900.110	3635.978
#3	2339.343	3622.093	40660.95	6992.400	3665.030

Sample Name: PB107524BS Acquired: 3/20/2018 17:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0231000	.0516472	.0196997	.0685029	.1150362	.4227557
Stddev	.0020069	.0020750	.0007518	.0041090	.0026522	.0111865
%RSD	8.687907	4.017574	3.816413	5.998262	2.305549	2.646099

#1	.0208523	.0527386	.0205343	.0649090	.1169115	.4338346
#2	.0237356	.0492543	.0190753	.0729825	.1161952	.4229679
#3	.0247122	.0529486	.0194897	.0676172	.1120017	.4114645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4187874	.0110484	.0102370	11.02614	.0241450	.0975082
Stddev	.0007228	.0000479	.0002211	.03830	.0001930	.0010050
%RSD	.1726026	.4334492	2.160062	.3473378	.7994904	1.030703

#1	.4186996	.0110963	.0103561	10.98426	.0239339	.0980080
#2	.4195501	.0110006	.0103730	11.05939	.0241886	.0981653
#3	.4181124	.0110483	.0099818	11.03476	.0243125	.0963512

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494721	.2230764	.0340582	10.08933	.0812558	.0208539
Stddev	.0020574	.0152877	.0005759	.02285	.0013349	.0001876
%RSD	4.158620	6.853144	1.690841	.2264355	1.642833	.8994171

#1	.0500838	.2195961	.0347015	10.11570	.0822284	.0207021
#2	.0511542	.2098288	.0338825	10.07685	.0818050	.0210636
#3	.0471783	.2398042	.0335907	10.07544	.0797339	.0207959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33148	.1112750	.1461463	10.67225	F .0293273	F .0491988
Stddev	.29608	.0037437	.0076128	.09595	.0011471	.0013138
%RSD	2.865806	3.364353	5.209043	.8990736	3.911502	2.670352

#1	9.99784	.1108175	.1544256	10.72699	.0284398	.0502065
#2	10.43370	.1152264	.1394483	10.72831	.0306226	.0496770
#3	10.56291	.1077811	.1445649	10.56146	.0289195	.0477129

Sample Name: PB107524BS Acquired: 3/20/2018 17:39:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0201305	.1451964	.2009977	F .0146340	.2122794	.1025575
Stddev	.0006158	.0049100	.0013632	.0009086	.0024321	.0023415
%RSD	3.058817	3.381636	.6782292	6.208818	1.145705	2.283095

#1	.0206086	.1494213	.2014406	.0136780	.2097658	.1002354
#2	.0203473	.1463584	.1994682	.0154864	.2124514	.1025191
#3	.0194357	.1398097	.2020845	.0147375	.2146209	.1049179

Elem	Sr4077
Units	ppm
Avg	.2130726
Stddev	.0003276
%RSD	.1537331

#1	.2127955
#2	.2129881
#3	.2134341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.882	3469.992	38020.50	6294.169	3971.967
Stddev	36.033	44.614	263.87	16.622	51.916
%RSD	1.653745	1.285714	.6940287	.2640932	1.307052

#1	2138.897	3429.663	37716.39	6275.115	3931.204
#2	2188.908	3462.398	38188.90	6301.692	3954.282
#3	2208.840	3517.916	38156.21	6305.700	4030.414

Sample Name: PB107524BL Acquired: 3/20/2018 17:44:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	.0012268	.0000233	.0008900	.0005112	-.001653	.0015016	.0006614
Stddev	.0010313	.0009642	.0006899	.0010155	.000282	.0056812	.0007901
%RSD	84.06554	4129.028	77.51350	198.6614	17.08790	378.3449	119.4592

#1	.0002424	-.001034	.0001792	.0007663	-.001970	-.000727	.0007658
#2	.0022993	.000249	.0009339	-.000608	-.001560	-.002727	.0013942
#3	.0011386	.000855	.0015569	.001375	-.001429	.007959	-.000176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000496	.0000360	-.017655	.0004828	-.000004	-.004227	-.006712
Stddev	.0001182	.0000386	.010000	.0001799	.000223	.001158	.012938
%RSD	238.3478	107.0698	56.63889	37.25949	5687.124	27.40122	192.7543

#1	-.000065	-.000004	-.006132	.0003027	-.000237	-.003265	-.002763
#2	.000172	.000073	-.022781	.0004831	.000208	-.003902	.003791
#3	.000042	.000039	-.024052	.0006625	.000018	-.005512	-.021164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005230	.0240408	-.000168	.0001304	-.070705	.0011763	-.002551
Stddev	.0002781	.0203741	.000173	.0001589	.250033	.0029079	.004378
%RSD	53.17515	84.74817	102.8800	121.8395	353.6290	247.2066	171.6275

#1	.0007971	.0293422	.000020	-.000038	-.286023	-.002162	-.007303
#2	.0002410	.0015400	-.000320	.000277	-.129615	.002536	-.001666
#3	.0005308	.0412402	-.000205	.000152	.203523	.003156	.001317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105343	-.001604	-.003841	-.000098	-.039297	-.001456	.0000841
Stddev	.055018	.001251	.000282	.000331	.002517	.000798	.0003159
%RSD	52.22762	78.01514	7.347144	336.0345	6.404948	54.82390	375.5014

#1	-.125928	-.002933	-.003775	.000094	-.040256	-.001551	.0004337
#2	-.147099	-.001431	-.004150	.000091	-.036442	-.000615	-.000181
#3	-.043000	-.000448	-.003597	-.000480	-.041194	-.002203	-.000001

Sample Name: PB107524BL Acquired: 3/20/2018 17:44:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) 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	-.000783	-.002723	-.000076
Stddev	.002579	.001613	.000031
%RSD	329.4092	59.23683	41.45210

#1	-.002058	-.002486	-.000046
#2	.002185	-.004440	-.000073
#3	-.002476	-.001241	-.000109

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.114	3492.383	39268.97	6339.050	4087.211
Stddev	22.344	21.628	227.67	12.441	26.062
%RSD	.9934399	.6193000	.5797762	.1962547	.6376572

#1	2230.029	3471.608	39059.42	6351.325	4060.215
#2	2243.622	3514.774	39236.26	6326.450	4112.227
#3	2273.692	3490.766	39511.23	6339.375	4089.192

Sample Name: J1988-03 Acquired: 3/20/2018 17:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8034261	.0004153	.2888757	.0113975	.0635761	267.1279	.9406049
Stddev	.0040074	.0008263	.0016625	.0015034	.0033987	1.0276	.0036458
%RSD	.4987935	198.9790	.5755051	13.19051	5.345818	.3846712	.3876026

#1	.8005235	.0000198	.2907027	.0112006	.0624743	265.9800	.9382326
#2	.8079985	.0013650	.2874517	.0129896	.0608652	267.4420	.9387793
#3	.8017565	-.000139	.2884728	.0100023	.0673891	267.9618	.9448029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103771	-.002187	30.00694	.3911734	.2721845	.8454881	432.4744
Stddev	.0002952	.000104	.21146	.0021052	.0010980	.0022359	2.9374
%RSD	2.844837	4.766472	.7047011	.5381721	.4034226	.2644511	.6792189

#1	.0106037	-.002197	30.08129	.3891071	.2727362	.8433415	433.7664
#2	.0104843	-.002285	29.76834	.3933154	.2709200	.8453190	429.1124
#3	.0100433	-.002077	30.17117	.3910978	.2728972	.8478037	434.5444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.71539	25.18035	.2692820	.0051748	1.706590	.8530360	1.184996
Stddev	.10563	.19326	.0012700	.0003815	.346326	.0098369	.013250
%RSD	.7701467	.7675208	.4716149	7.372839	20.29345	1.153158	1.118163

#1	13.77078	25.13119	.2694138	.0055986	1.582130	.8418218	1.171112
#2	13.59358	25.01642	.2679513	.0048586	1.439694	.8602069	1.197505
#3	13.78180	25.39345	.2704810	.0050672	2.097946	.8570794	1.186371

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.140615	9.862346	-.018347	.0002021	4.944792	2.901547	.0150978
Stddev	.028785	.008651	.003369	.0000910	.006961	.100802	.0003350
%RSD	.9165432	.0877203	18.36258	44.99973	.1407794	3.474075	2.218573

#1	3.172085	9.870842	-.018948	.0003059	4.939222	2.975053	.0149622
#2	3.115617	9.862649	-.021375	.0001644	4.942557	2.942953	.0148520
#3	3.134142	9.853547	-.014718	.0001361	4.952596	2.786636	.0154793

Sample Name: J1988-03 Acquired: 3/20/2018 17:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7985299	.1185210	.5141864
Stddev	.0028877	.0016577	.0023821
%RSD	.3616308	1.398687	.4632676

#1	.7996526	.1187337	.5131894
#2	.7952494	.1167672	.5124648
#3	.8006876	.1200621	.5169050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.889	3696.330	41334.13	7032.211	3619.015
Stddev	7.674	12.441	207.04	39.150	7.585
%RSD	.3228428	.3365644	.5008933	.5567304	.2095829

#1	2385.749	3702.933	41563.91	7053.625	3616.134
#2	2372.508	3704.077	41276.38	7055.985	3627.618
#3	2372.409	3681.980	41162.09	6987.025	3613.293

Sample Name: J1988-04 Acquired: 3/20/2018 17:52:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6275346	.0041855	.4305371	.0082070	.1033423	240.1084	.7921514
Stddev	.0144644	.0055737	.0020072	.0010452	.0024268	1.4387	.0015022
%RSD	2.304960	133.1674	.4662162	12.73586	2.348263	.5991691	.1896326

#1	.6241959	-.002098	.4284053	.0081558	.1006218	238.5641	.7905145
#2	.6433764	.008532	.4323908	.0071883	.1041213	241.4106	.7924726
#3	.6150315	.006123	.4308153	.0092768	.1052840	240.3506	.7934669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095672	-.000580	36.30390	.3815576	.3233630	1.060196	474.4788
Stddev	.0001410	.000067	.05515	.0029280	.0031631	.002425	.7193
%RSD	1.474159	11.50844	.1519053	.7673913	.9781770	.2287176	.1515909

#1	.0094054	-.000644	36.26491	.3831676	.3216344	1.058538	473.6954
#2	.0096641	-.000511	36.27979	.3781778	.3270137	1.059070	474.6314
#3	.0096321	-.000585	36.36700	.3833274	.3214410	1.062979	475.1095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78670	20.25226	.2952766	.0060612	2.209810	.7352806	1.825136
Stddev	.01598	.08862	.0029969	.0003208	.080799	.0034476	.031738
%RSD	.1080488	.4375629	1.014955	5.292181	3.656400	.4688865	1.738935

#1	14.78432	20.20250	.2936709	.0064304	2.297742	.7336244	1.840821
#2	14.80374	20.19970	.2987342	.0058506	2.138834	.7392438	1.788609
#3	14.77205	20.35457	.2934246	.0059027	2.192854	.7329736	1.845977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.472675	15.17573	-.015411	-.000849	8.993748	1.902043	.0118202
Stddev	.050220	.17719	.007054	.000192	.111211	.006907	.0003793
%RSD	2.030994	1.167577	45.76948	22.66768	1.236533	.3631492	3.208933

#1	2.437441	15.08018	-.013281	-.000763	8.924895	1.895122	.0120836
#2	2.530178	15.38019	-.023284	-.001069	9.122048	1.902070	.0119915
#3	2.450405	15.06683	-.009668	-.000714	8.934300	1.908937	.0113855

Sample Name: J1988-04 Acquired: 3/20/2018 17:52:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHR89 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5793769	.1026558	.4935924
Stddev	.0040221	.0010642	.0021292
%RSD	.6942173	1.036668	.4313632

#1	.5752386	.1037620	.4915513
#2	.5832718	.1025660	.4957999
#3	.5796201	.1016393	.4934261

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.995	3657.414	41238.35	6993.044	3644.883
Stddev	34.314	33.258	410.06	19.191	28.172
%RSD	1.447228	.9093332	.9943572	.2744276	.7729168

#1	2366.470	3666.791	41151.68	7013.789	3657.492
#2	2407.347	3620.474	41684.82	6975.925	3612.609
#3	2339.168	3684.977	40878.56	6989.417	3664.547

Sample Name: CCV056 Acquired: 3/20/2018 18:04:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.748860	4.815241	24.06522	4.756085	4.755664	416.7944	10.09625
Stddev	.025932	.012128	.01837	.007313	.005287	10.7207	.25532
%RSD	.5460688	.2518717	.0763390	.1537646	.1111791	2.572178	2.528885

#1	4.736766	4.828473	24.08341	4.755713	4.759059	428.6500	10.38997
#2	4.731184	4.812596	24.04668	4.748965	4.749572	413.9513	9.97147
#3	4.778630	4.804653	24.06557	4.763577	4.758361	407.7817	9.92732

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4976967	2.400118	408.5227	14.83578	2.430844	15.02422	401.5804
Stddev	.0102559	.002534	9.3561	.04170	.002506	.36563	8.9583
%RSD	2.060675	.1055748	2.290229	.2810537	.1030848	2.433636	2.230763

#1	.5089339	2.402670	419.2621	14.85723	2.431754	15.43038	411.8510
#2	.4953151	2.397603	404.1707	14.86239	2.428010	14.92097	397.5119
#3	.4888412	2.400081	402.1352	14.78772	2.432767	14.72132	395.3784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93204	389.3608	2.429095	1.234569	403.7590	2.480063	13.77443
Stddev	.34263	8.5853	.002554	.007439	9.3327	.077808	.11960
%RSD	2.294589	2.204967	.1051335	.6025818	2.311454	3.137325	.8682661

#1	15.32400	399.2481	2.431156	1.242965	414.5252	2.566258	13.87917
#2	14.78266	385.0389	2.426238	1.231946	398.7836	2.458918	13.80002
#3	14.68946	383.7952	2.429891	1.228797	397.9683	2.415014	13.64411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2869	5.022359	4.831783	4.652215	5.006943	4.903317	4.770510
Stddev	3.7033	.017734	.086497	.004421	.007775	.084246	.006356
%RSD	2.464120	.3531030	1.790169	.0950357	.1552888	1.718141	.1332449

#1	154.4268	5.039105	4.926852	4.653021	5.014011	4.990814	4.777758
#2	149.1444	5.003779	4.810766	4.647447	5.008202	4.896386	4.765883
#3	147.2895	5.024191	4.757731	4.656178	4.998615	4.822750	4.767888

Sample Name: CCV056 Acquired: 3/20/2018 18:04:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.966300	5.053327	5.071668
Stddev	.124846	.126612	.127739
%RSD	2.513860	2.505521	2.518681

#1	5.103109	5.197905	5.216630
#2	4.937250	4.999843	5.022785
#3	4.858540	4.962234	4.975589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.024	2890.895	33487.55	5890.374	2966.588
Stddev	12.103	4.148	278.28	124.031	4.974
%RSD	.6563482	.1435008	.8309908	2.105650	.1676715

#1	1834.325	2889.076	33169.92	5762.278	2960.942
#2	1840.160	2895.642	33604.28	5898.950	2970.325
#3	1857.588	2887.967	33688.46	6009.894	2968.497

Sample Name: CCB056 Acquired: 3/20/2018 18:08:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015739	.0015519	-.000926	-.001083	-.000735	.0011209	.0002027
Stddev	.0021571	.0016318	.000433	.002324	.000709	.0047294	.0003017
%RSD	137.0598	105.1495	46.78380	214.5961	96.41738	421.9101	148.8400

#1	.0001860	-.000153	-.001426	-.003118	-.001296	.0049913	.0002620
#2	.0004766	.001709	-.000667	.001449	.000062	-.004151	-.000124
#3	.0040590	.003100	-.000685	-.001580	-.000972	.002522	.000470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000561	.0000097	-.016682	.0000863	-.000006	-.003673	-.002569
Stddev	.0000800	.0000218	.012087	.0004019	.000239	.002301	.007114
%RSD	142.6456	223.5018	72.45454	465.6293	4065.090	62.64377	276.9245

#1	-.000033	.0000063	-.002727	.0001135	-.000031	-.003643	.003621
#2	.000121	-.000010	-.023479	-.000328	.000245	-.001387	-.010341
#3	.000081	.000033	-.023841	.000474	-.000232	-.005988	-.000987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000235	.0451539	.0002443	.0000736	.1576028	-.000250	-.002220
Stddev	.000061	.0101662	.0002283	.0002827	.2453851	.003632	.003011
%RSD	26.05557	22.51465	93.43590	384.2378	155.6984	1450.754	135.6211

#1	-.000165	.0364746	.0003070	-.000082	-.061306	.003601	-.005460
#2	-.000268	.0426486	.0004348	.000400	.422856	-.000738	.000491
#3	-.000273	.0563386	-.000009	-.000098	.111259	-.003614	-.001691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047913	-.001721	.0019253	-.000105	-.038166	-.000246	.0002170
Stddev	.087492	.001367	.0005297	.000104	.000660	.000447	.0006556
%RSD	182.6047	79.44043	27.51137	98.72486	1.730051	182.0297	302.1347

#1	.044283	-.002742	.0024463	-.000213	-.038667	-.000386	-.000039
#2	-.129785	-.000168	.0019422	-.000007	-.038412	-.000605	-.000272
#3	-.058237	-.002254	.0013873	-.000095	-.037418	.000255	.000962

Sample Name: CCB056 Acquired: 3/20/2018 18:08:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v462) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006693	.0015701	.0000018
Stddev	.0009647	.0018853	.0000555
%RSD	144.1226	120.0775	3016.353

#1	.0000146	-.000397	-.000057
#2	.0017772	.003362	.000010
#3	.0002163	.001745	.000053

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.181	3499.266	38928.17	6306.550	4072.083
Stddev	12.431	8.836	103.74	38.909	8.035
%RSD	.5601788	.2525065	.2664808	.6169610	.1973085

#1	2211.784	3509.363	38995.70	6301.900	4080.877
#2	2212.225	3495.487	38808.72	6347.575	4065.126
#3	2233.533	3492.948	38980.08	6270.175	4070.247