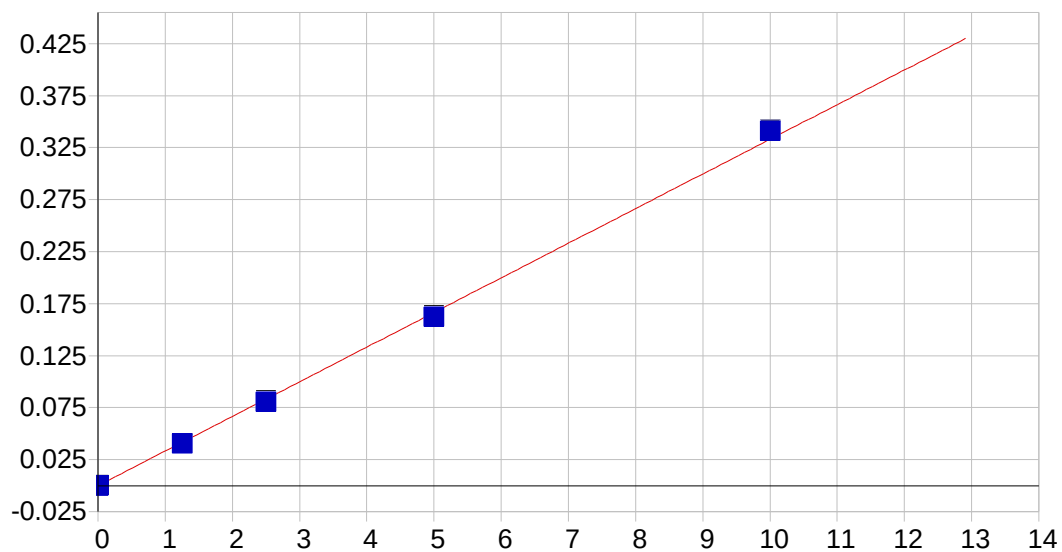




As 189.042 {479}

Date of Fit: 5/15/2018 12:53:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000050

Re-Slope: 1.000000

A1 (Gain): 0.033308

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999656

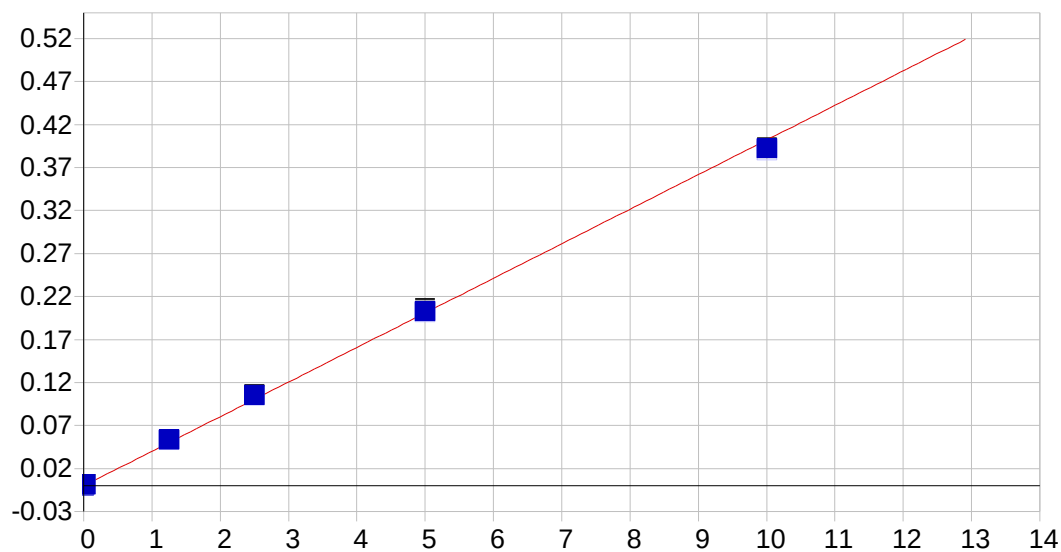
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.004557

Predicted MQL: 0.015188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.01031	.000	3.10	.00029	.000	1
S2	1.2500	1.2071	-.043	-3.43	.04026	.000	1
S3	2.5000	2.4234	-.077	-3.07	.08086	.001	1
S4	5.0000	4.8742	-.126	-2.52	.16269	.001	1
S5	10.000	10.245	.245	2.45	.34198	.000	1



TI 190.856 {477}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000153

Re-Slope: 1.000000

A1 (Gain): 0.040226

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999504

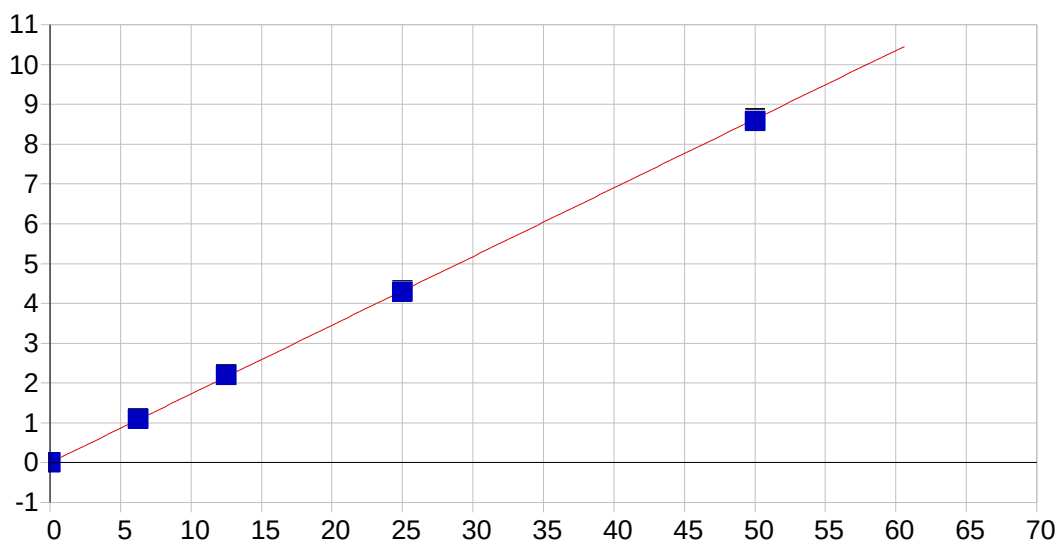
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.002790

Predicted MQL: 0.009300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00015	.000	1
S1	.02500	.03014	.005	20.6	.00105	.000	1
S2	1.2500	1.3310	.081	6.48	.05308	.000	1
S3	2.5000	2.6182	.118	4.73	.10456	.001	1
S4	5.0000	5.0433	.043	.866	.20150	.003	1
S5	10.000	9.7524	-.248	-2.48	.38972	.001	1

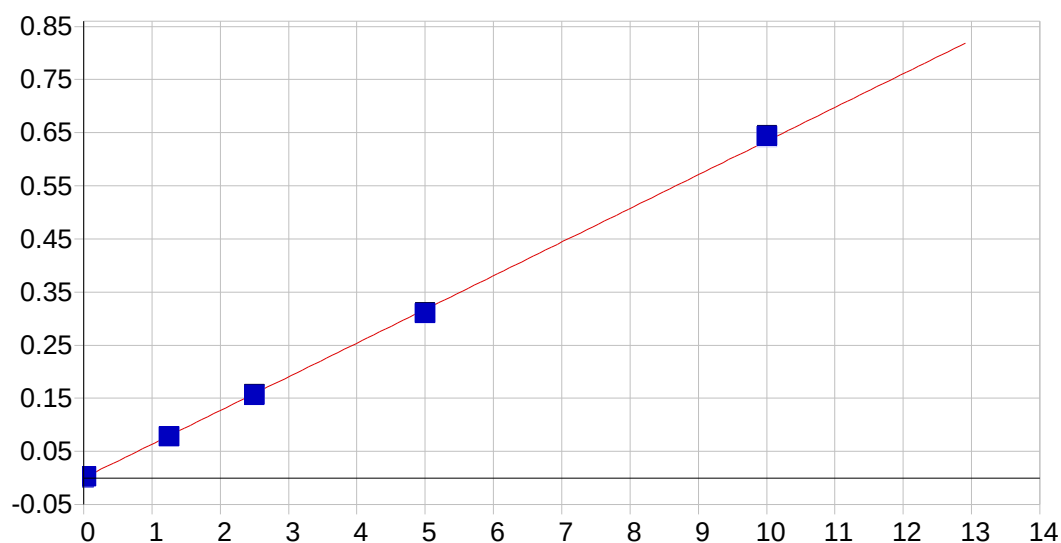


Pb 220.353 {453}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.172546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001816
 Predicted MQL: 0.006054

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01000	.00950	-.001	-5.01	.00157	.000	1
S2	6.2500	6.3716	.122	1.95	1.1010	.002	1
S3	12.500	12.742	.242	1.94	2.2019	.007	1
S4	25.000	24.904	-.096	-.386	4.3037	.021	1
S5	50.000	49.733	-.267	-.534	8.5946	.045	1



Se 196.090 {472}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000167

Re-Slope: 1.000000

A1 (Gain): 0.063412

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999849

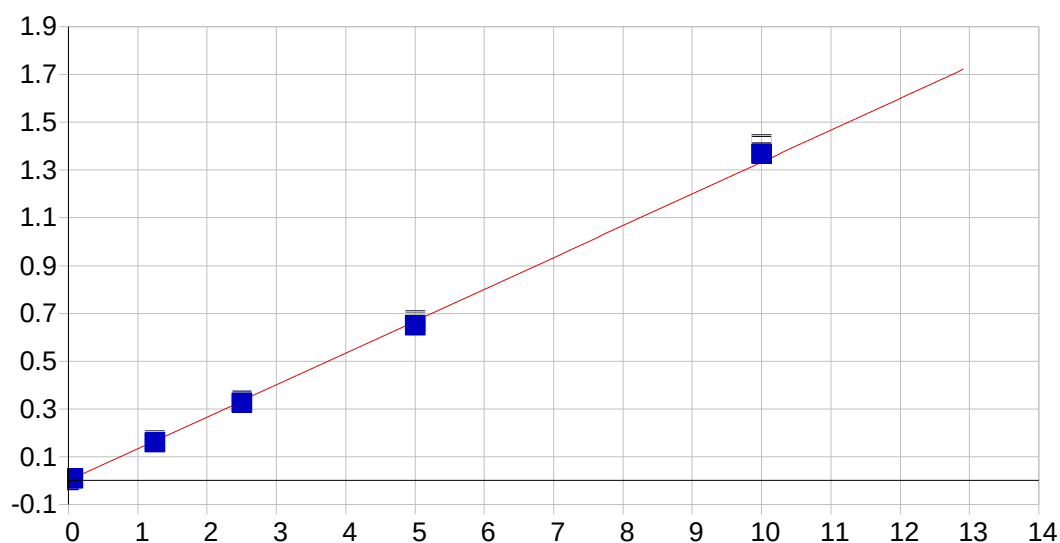
Status: OK.

Std Error of Est: 0.000034

Predicted MDL: 0.003715

Predicted MQL: 0.012385

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.03500	.03324	-.002	-5.02	.00227	.000	1
S2	1.2500	1.2282	-.022	-1.75	.07768	.000	1
S3	2.5000	2.4687	-.031	-1.25	.15597	.001	1
S4	5.0000	4.8951	-.105	-2.10	.30909	.001	1
S5	10.000	10.160	.160	1.60	.64144	.001	1

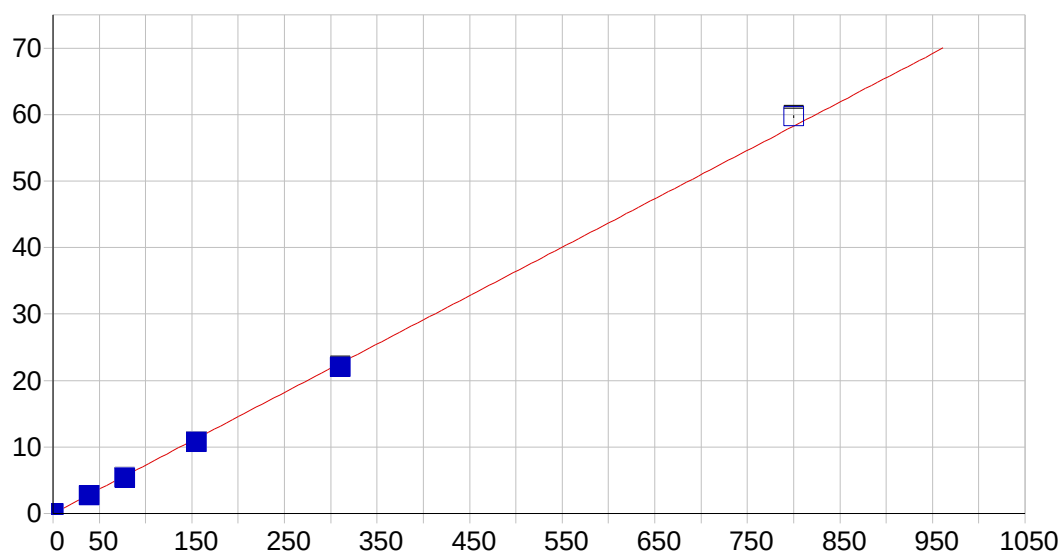


Sb 206.833 {463}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.133361 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651 Status: OK.
 Std Error of Est: 0.000149
 Predicted MDL: 0.002007
 Predicted MQL: 0.006692

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00002	.000	1
S1	.06000	.05809	-.002	-3.19	.00773	.000	1
S2	1.2500	1.1996	-.050	-4.03	.16450	.001	1
S3	2.5000	2.4302	-.070	-2.79	.33315	.002	1
S4	5.0000	4.8692	-.131	-2.62	.66750	.002	1
S5	10.000	10.253	.253	2.53	1.4036	.004	1



AI 396.152 { 85}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000650

Re-Slope: 1.000000

A1 (Gain): 0.072814

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999542

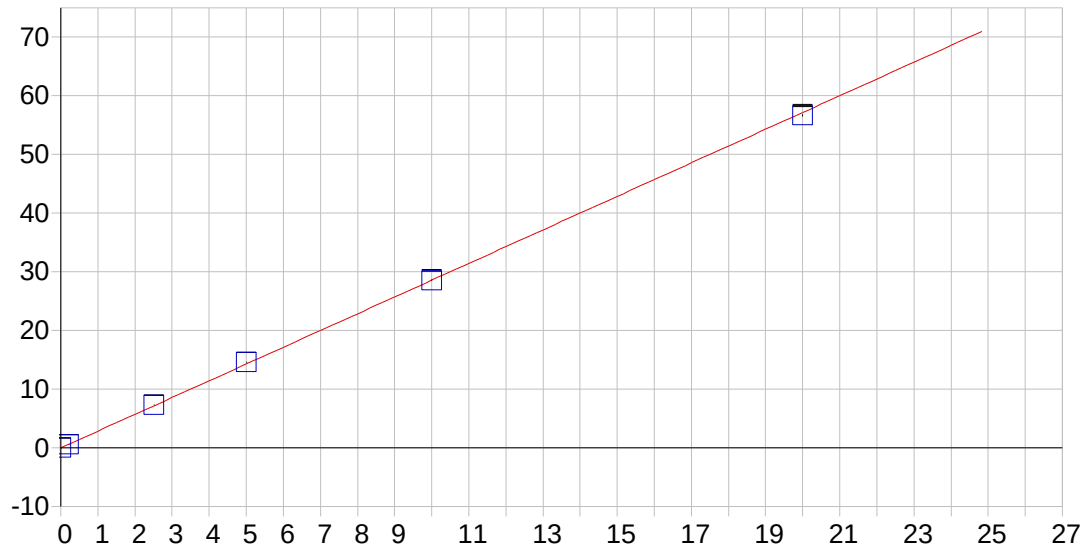
Status: OK.

Std Error of Est: 0.001371

Predicted MDL: 0.011874

Predicted MQL: 0.039580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00065	.000	1
S1	.20000	.20083	.001	.413	.01529	.000	1
S2	38.750	36.836	-1.91	-4.94	2.6855	.003	1
S3	77.500	74.143	-3.36	-4.33	5.4046	.009	1
S4	155.00	147.83	-7.17	-4.62	10.776	.033	1
S5	310.00	302.32	-7.68	-2.48	22.035	.120	1
S6	800.00	820.13	20.1	2.52	59.718	.205	1



Ba 493.409 { 68}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.009616

Re-Slope: 1.000000

A1 (Gain): 2.858518

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999931

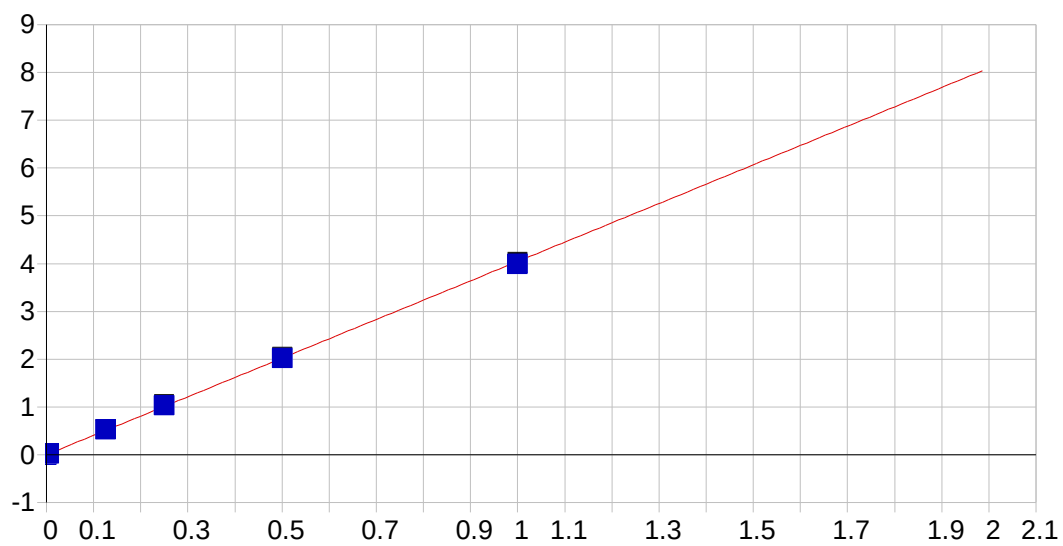
Status: OK.

Std Error of Est: 0.003557

Predicted MDL: 0.000849

Predicted MQL: 0.002829

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00965	.002	1
S1	.20000	.20532	.005	2.66	.57728	.003	1
S2	2.5000	2.5526	.053	2.10	7.2869	.014	1
S3	5.0000	5.1133	.113	2.27	14.607	.028	1
S4	10.000	9.9932	-.007	-.068	28.556	.156	1
S5	20.000	19.836	-.164	-.822	56.691	.160	1



Be 234.861 {144}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000873

Re-Slope: 1.000000

A1 (Gain): 4.045142

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999872

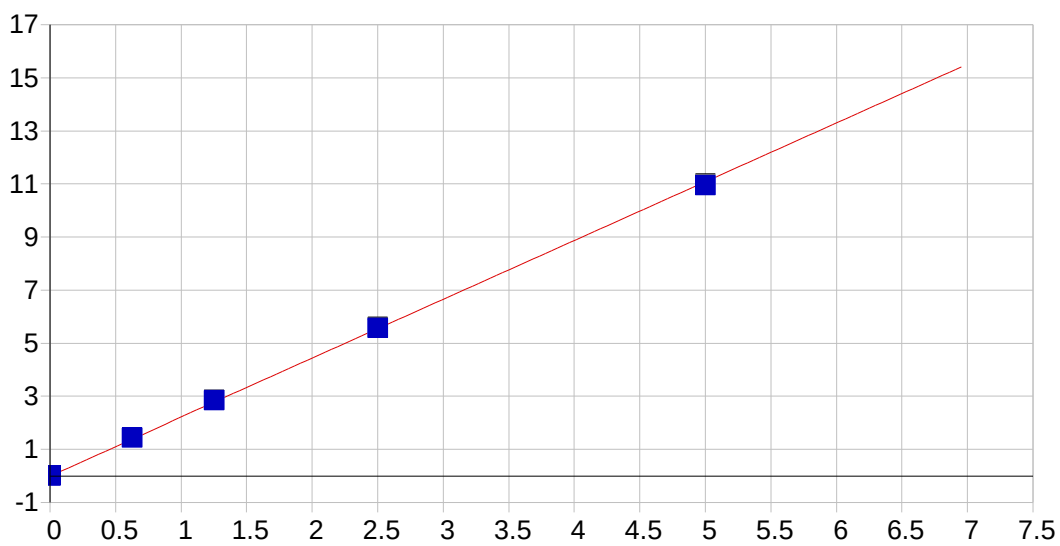
Status: OK.

Std Error of Est: 0.000242

Predicted MDL: 0.000083

Predicted MQL: 0.000276

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.00500	.00517	.000	3.44	.02003	.001	1
S2	.12500	.12982	.005	3.85	.52204	.002	1
S3	.25000	.25610	.006	2.44	1.0307	.009	1
S4	.50000	.50060	.001	.119	2.0153	.014	1
S5	1.0000	.98831	-.012	-1.17	3.9793	.027	1

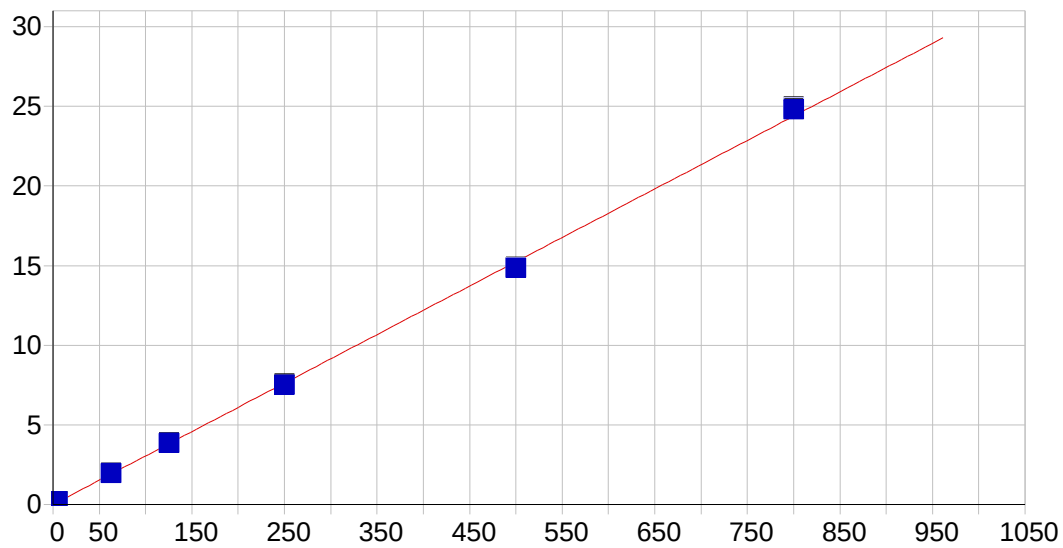


Cd 214.438 {457}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 2.216725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000316
 Predicted MDL: 0.000096
 Predicted MQL: 0.000320

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00500	.00507	.000	1.32	.01126	.000	1
S2	.62500	.64623	.021	3.40	1.4354	.005	1
S3	1.2500	1.2864	.036	2.91	2.8572	.012	1
S4	2.5000	2.5091	.009	.365	5.5735	.034	1
S5	5.0000	4.9332	-.067	-1.34	10.958	.050	1

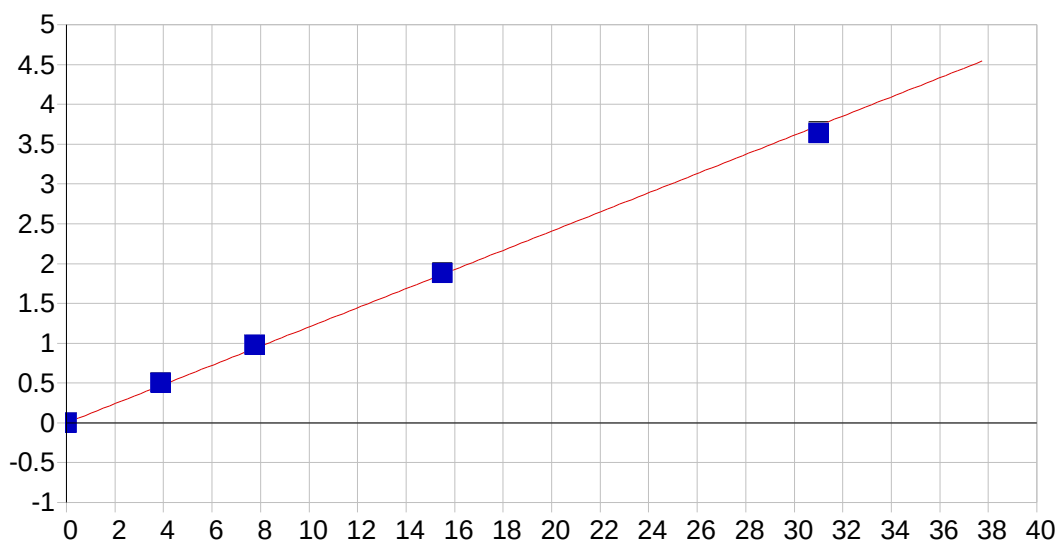


Ca 373.690 { 90}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002038 Re-Slope: 1.000000
 A1 (Gain): 0.030479 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.002215
 Predicted MDL: 0.020158
 Predicted MQL: 0.067194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	.000	.000	.00202	.001	1
S1	5.0000	5.3673	.367	7.35	.16565	.001	1
S2	62.500	64.563	2.06	3.30	1.9766	.003	1
S3	125.00	126.50	1.50	1.20	3.8711	.036	1
S4	250.00	245.89	-4.11	-1.64	7.5237	.038	1
S5	500.00	486.76	-13.2	-2.65	14.892	.032	1
S6	800.00	813.39	13.4	1.67	24.938	.049	1

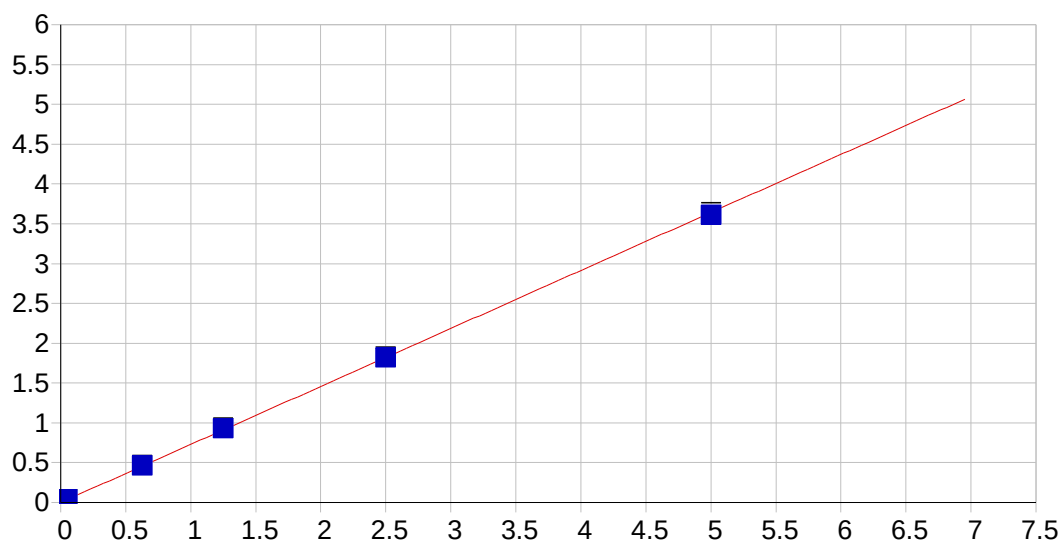


Cr 267.716 {126}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.120375 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999482 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.000693
 Predicted MQL: 0.002311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01043	.000	4.32	.00125	.000	1
S2	3.8750	4.1640	.289	7.46	.50206	.000	1
S3	7.7500	8.1359	.386	4.98	.98099	.004	1
S4	15.500	15.594	.094	.608	1.8804	.005	1
S5	31.000	30.230	-.770	-2.48	3.6456	.008	1

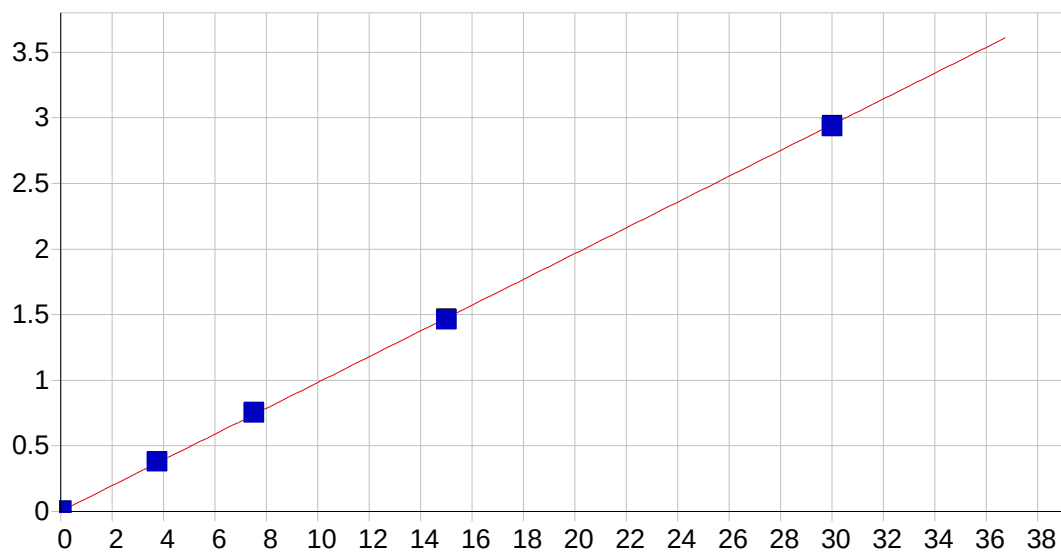


Co 228.616 {448}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.728393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000219
 Predicted MDL: 0.000299
 Predicted MQL: 0.000997

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.05000	.04971	.000	-.576	.03641	.000	1
S2	.62500	.63705	.012	1.93	.46499	.001	1
S3	1.2500	1.2782	.028	2.26	.93292	.004	1
S4	2.5000	2.5006	.001	.024	1.8251	.006	1
S5	5.0000	4.9594	-.041	-.812	3.6197	.022	1

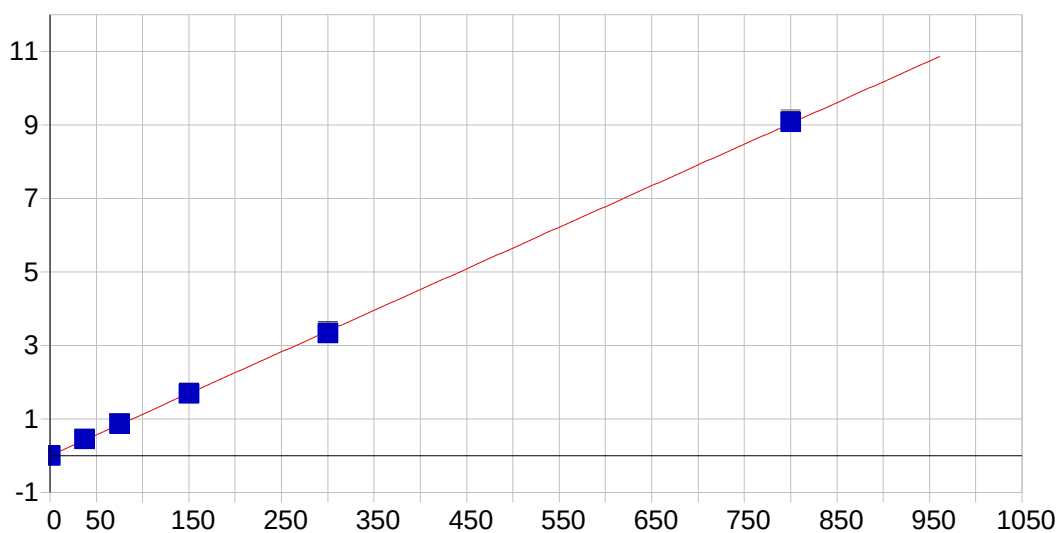


Cu 324.754 {104}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000715 Re-Slope: 1.000000
 A1 (Gain): 0.098231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.004036
 Predicted MQL: 0.013452

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.001	1
S1	.02500	.02849	.003	14.0	.00351	.000	1
S2	3.7500	3.8483	.098	2.62	.37851	.001	1
S3	7.5000	7.6496	.150	1.99	.75168	.004	1
S4	15.000	14.873	-.127	-.844	1.4608	.005	1
S5	30.000	29.875	-.125	-.416	2.9335	.008	1



Fe 259.837 {130}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000043

Re-Slope: 1.000000

A1 (Gain): 0.011303

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999920

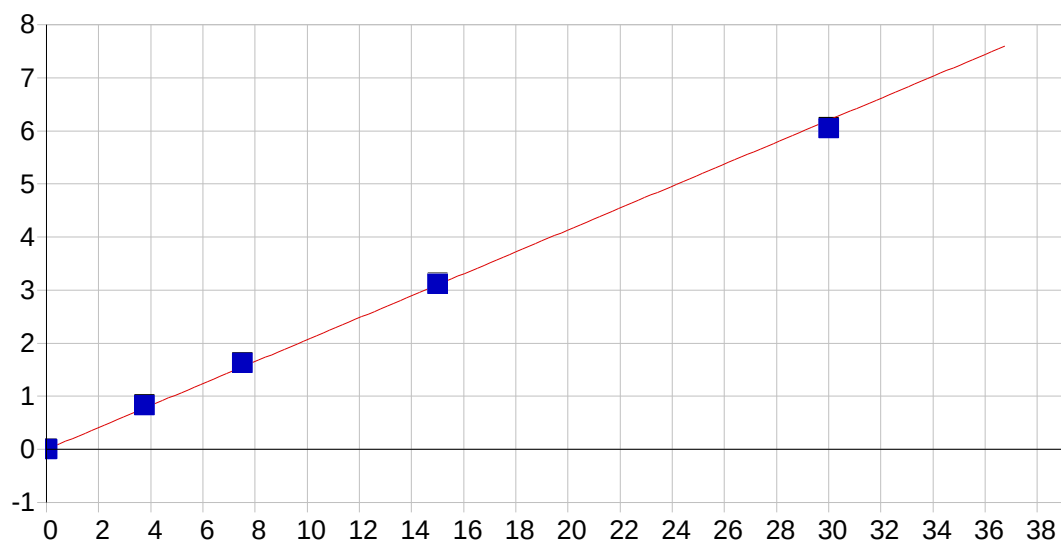
Status: OK.

Std Error of Est: 0.000063

Predicted MDL: 0.017021

Predicted MQL: 0.056738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00004	.000	1
S1	.10000	.11199	.012	12.0	.00133	.000	1
S2	37.500	39.073	1.57	4.19	.44394	.001	1
S3	75.000	76.672	1.67	2.23	.87119	.005	1
S4	150.00	149.48	-.517	-.345	1.6987	.005	1
S5	300.00	294.41	-5.59	-1.86	3.3459	.022	1
S6	800.00	802.85	2.85	.356	9.1156	.013	1



Mn 257.610 {131}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000188

Re-Slope: 1.000000

A1 (Gain): 0.206685

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999473

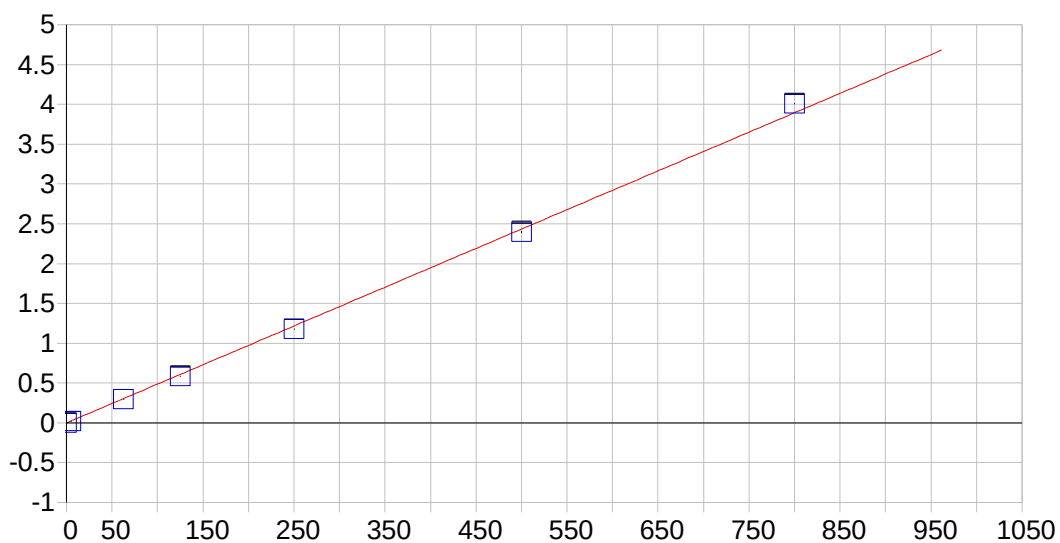
Status: OK.

Std Error of Est: 0.000239

Predicted MDL: 0.000995

Predicted MQL: 0.003315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01500	.01773	.003	18.2	.00348	.000	1
S2	3.7500	4.0352	.285	7.60	.83400	.004	1
S3	7.5000	7.8706	.371	4.94	1.6269	.008	1
S4	15.000	15.084	.084	.560	3.1182	.012	1
S5	30.000	29.257	-.743	-2.48	6.0483	.015	1

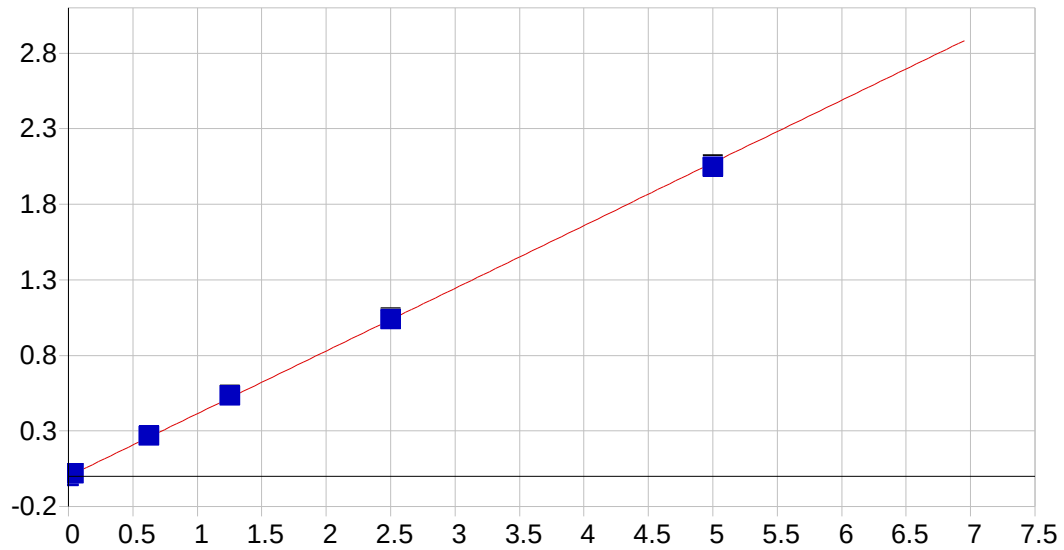


Mg 279.079 {121}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000423 Re-Slope: 1.000000
 A1 (Gain): 0.004868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.000466
 Predicted MDL: 0.049303
 Predicted MQL: 0.164344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00071	.001	.000	-.00042	.000	1
S1	5.0000	4.7528	-.247	-4.94	.02271	.000	1
S2	62.500	60.213	-2.29	-3.66	.29269	.001	1
S3	125.00	120.43	-4.57	-3.65	.58584	.006	1
S4	250.00	241.79	-8.21	-3.29	1.1766	.002	1
S5	500.00	492.32	-7.68	-1.54	2.3962	.013	1
S6	800.00	823.00	23.0	2.87	4.0059	.008	1

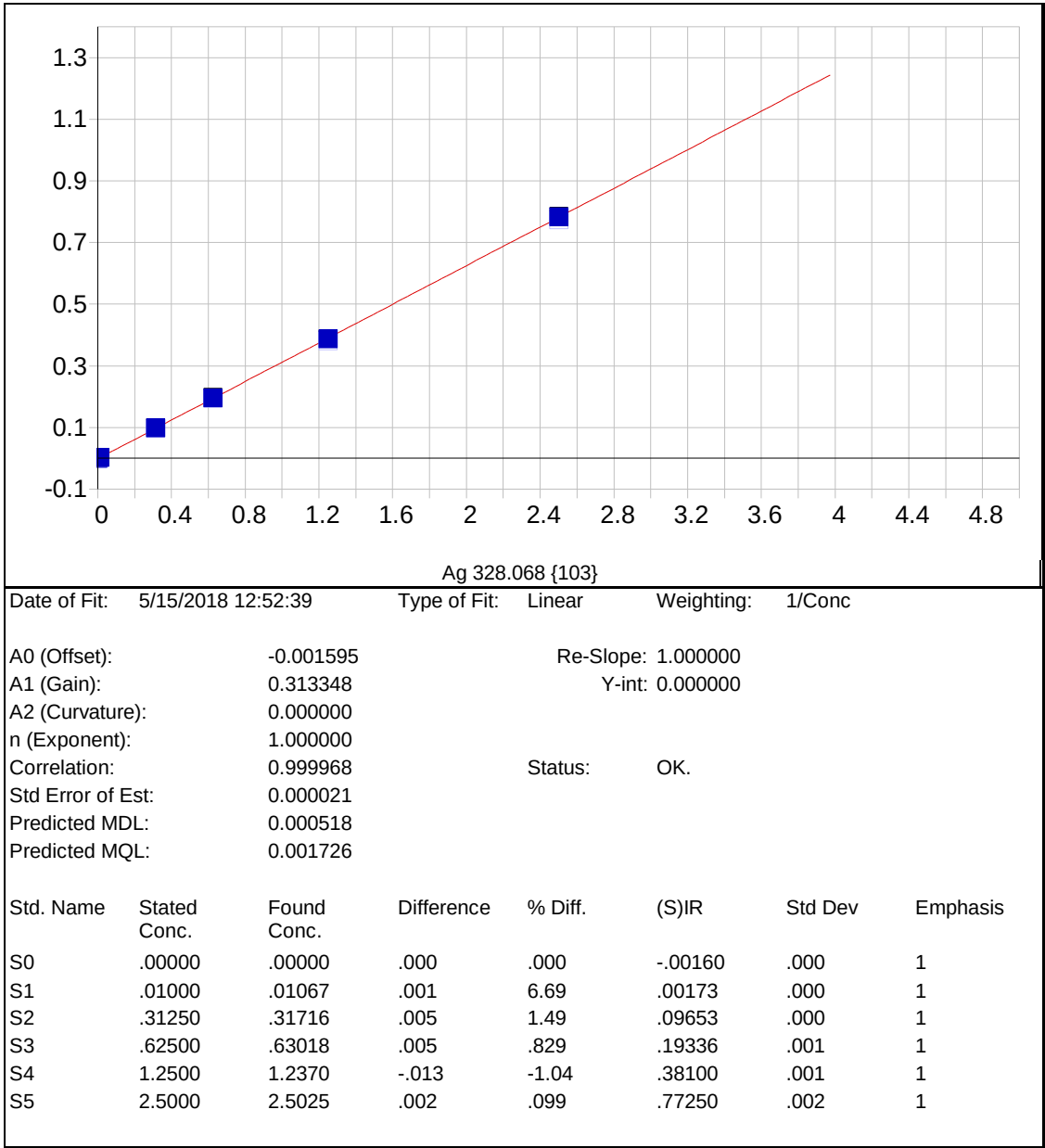


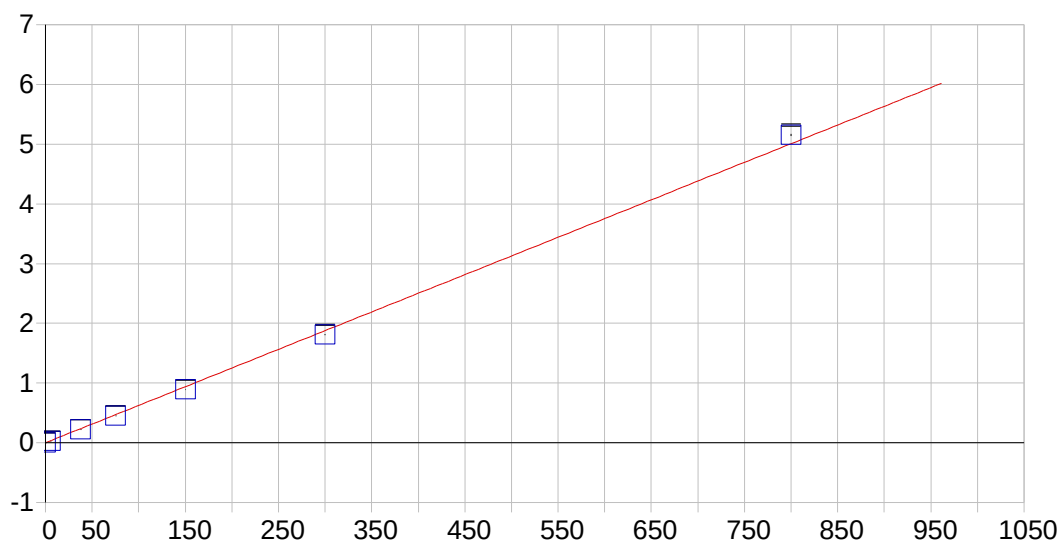
Ni 231.604 {446}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000438 Re-Slope: 1.000000
 A1 (Gain): 0.414805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000536
 Predicted MQL: 0.001787

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00044	.000	1
S1	.04000	.04129	.001	3.23	.01670	.000	1
S2	.62500	.64434	.019	3.09	.26737	.000	1
S3	1.2500	1.2875	.037	3.00	.53468	.002	1
S4	2.5000	2.5069	.007	.274	1.0415	.006	1
S5	5.0000	4.9350	-.065	-1.30	2.0509	.011	1





Na 818.326 { 41}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000516

Re-Slope: 1.000000

A1 (Gain): 0.006257

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999380

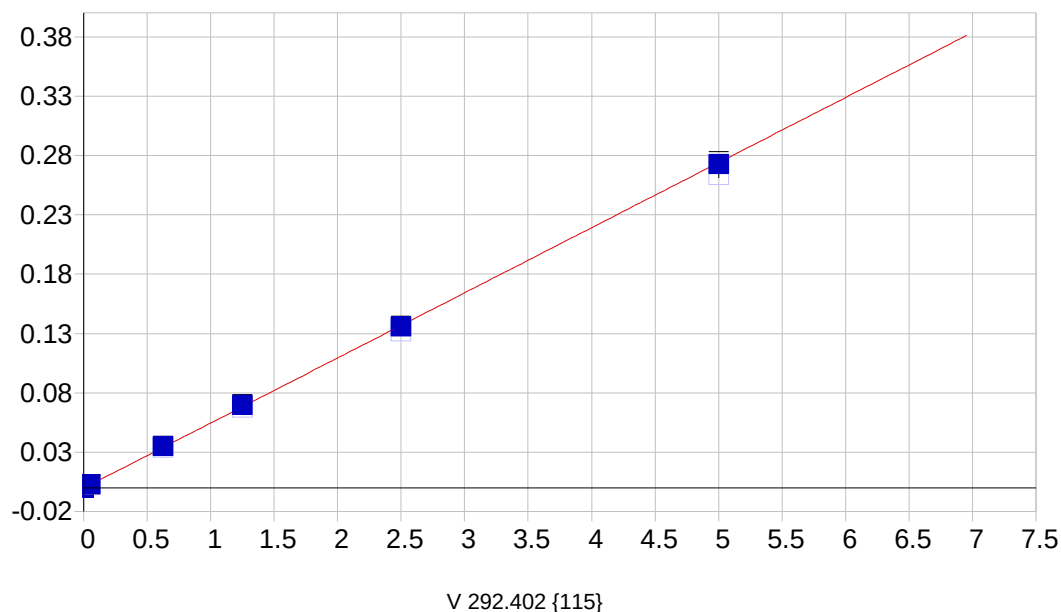
Status: OK.

Std Error of Est: 0.000682

Predicted MDL: 0.279529

Predicted MQL: 0.931763

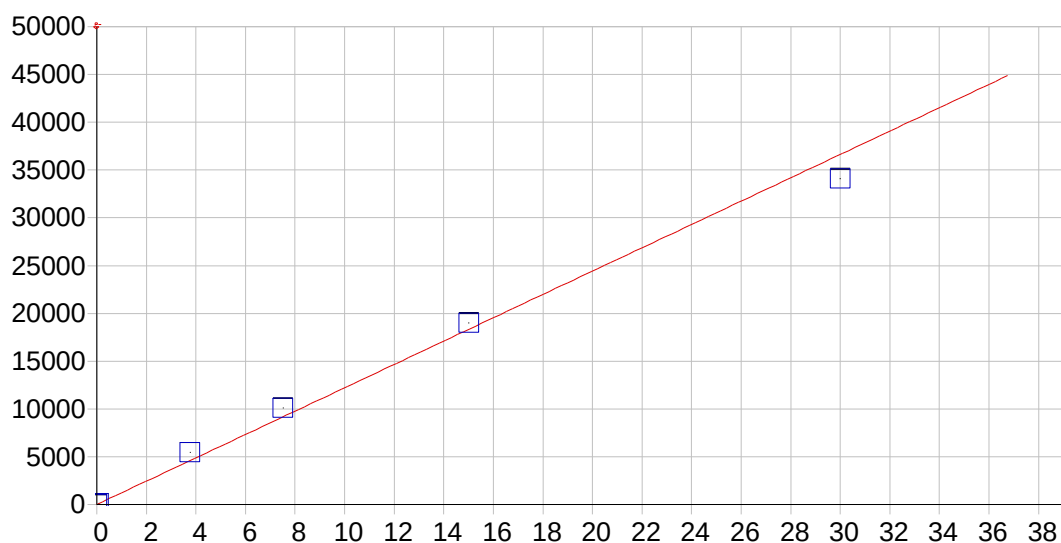
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00080	.001	.000	.00052	.001	1
S1	5.0000	4.9356	-.064	-1.29	.03140	.001	1
S2	37.500	35.662	-1.84	-4.90	.22366	.000	1
S3	75.000	72.117	-2.88	-3.84	.45177	.001	1
S4	150.00	142.29	-7.71	-5.14	.89084	.006	1
S5	300.00	288.96	-11.0	-3.68	1.8086	.012	1
S6	800.00	823.54	23.5	2.94	5.1536	.022	1



Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000315 Re-Slope: 1.000000
 A1 (Gain): 0.054869 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.005457
 Predicted MQL: 0.018189

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00032	.000	1
S1	.05000	.05488	.005	9.75	.00269	.000	1
S2	.62500	.64208	.017	2.73	.03378	.000	1
S3	1.2500	1.2722	.022	1.78	.06723	.001	1
S4	2.5000	2.4837	-.016	-.652	.13144	.001	1
S5	5.0000	4.9719	-.028	-.561	.26344	.003	1

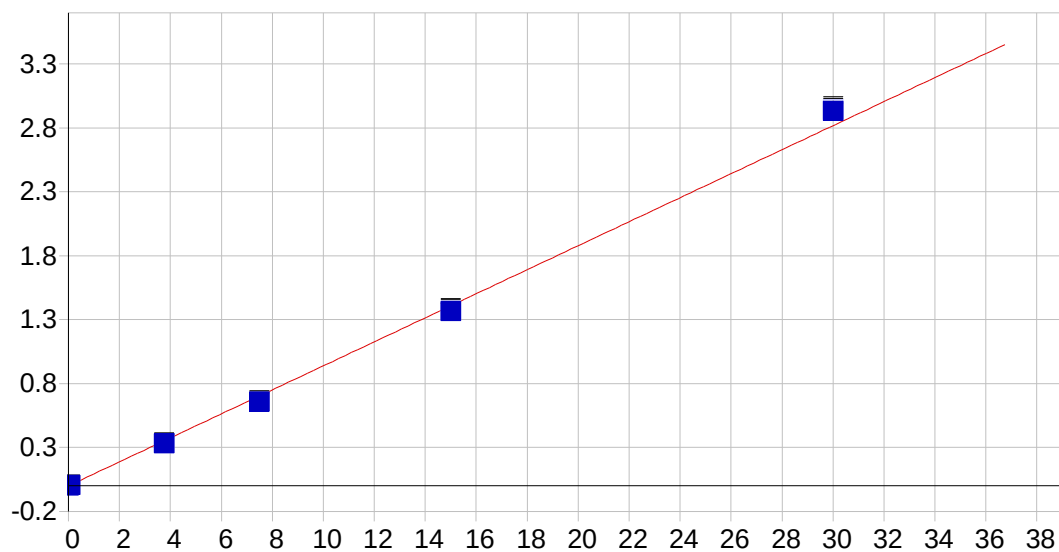


Zn 206.200 {464}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.607933 Re-Slope: 1.000000
 A1 (Gain): 1221.057165 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996573 Status: OK.
 Std Error of Est: 7.211175
 Predicted MDL: 0.000409
 Predicted MQL: 0.001364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	1.5623	.372	1
S1	.06000	.08169	.022	36.2	101.36	.631	1
S2	3.7500	4.4607	.711	19.0	5448.4	2.75	1
S3	7.5000	8.2819	.782	10.4	10114.	1.37	1
S4	15.000	15.558	.558	3.72	18999.	44.5	1
S5	30.000	27.928	-2.07	-6.91	34103.	51.1	1

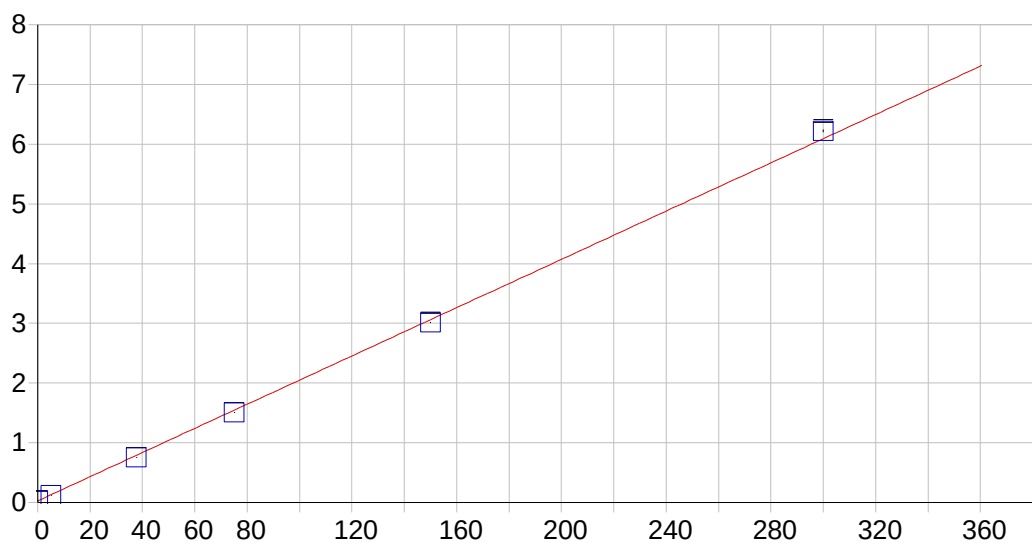


Zn 213.856 {158}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000140 Re-Slope: 1.000000
 A1 (Gain): 0.093923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998999 Status: OK.
 Std Error of Est: 0.000301
 Predicted MDL: 0.006405
 Predicted MQL: 0.021349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00014	.000	1
S1	.06000	.05487	-.005	-8.56	.00503	.001	1
S2	3.7500	3.5191	-.231	-6.16	.33204	.005	1
S3	7.5000	6.9892	-.511	-6.81	.65962	.006	1
S4	15.000	14.527	-.473	-3.16	1.3709	.016	1
S5	30.000	31.220	1.22	4.07	2.9454	.021	1



K 769.896 { 44}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.028531

Re-Slope: 1.000000

A1 (Gain): 0.020210

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999698

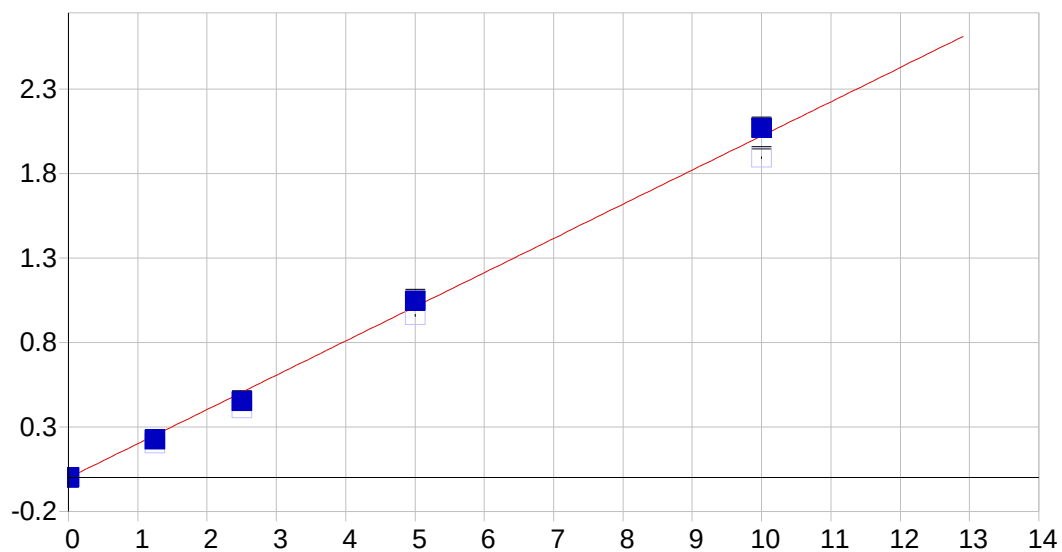
Status: OK.

Std Error of Est: 0.001025

Predicted MDL: 0.068047

Predicted MQL: 0.226824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00083	.001	.000	.02855	.000	1
S1	5.0000	4.4874	-.513	-10.3	.11922	.001	1
S2	37.500	35.809	-1.69	-4.51	.75223	.002	1
S3	75.000	73.164	-1.84	-2.45	1.5072	.003	1
S4	150.00	147.70	-2.30	-1.53	3.0135	.010	1
S5	300.00	306.34	6.34	2.11	6.2197	.023	1

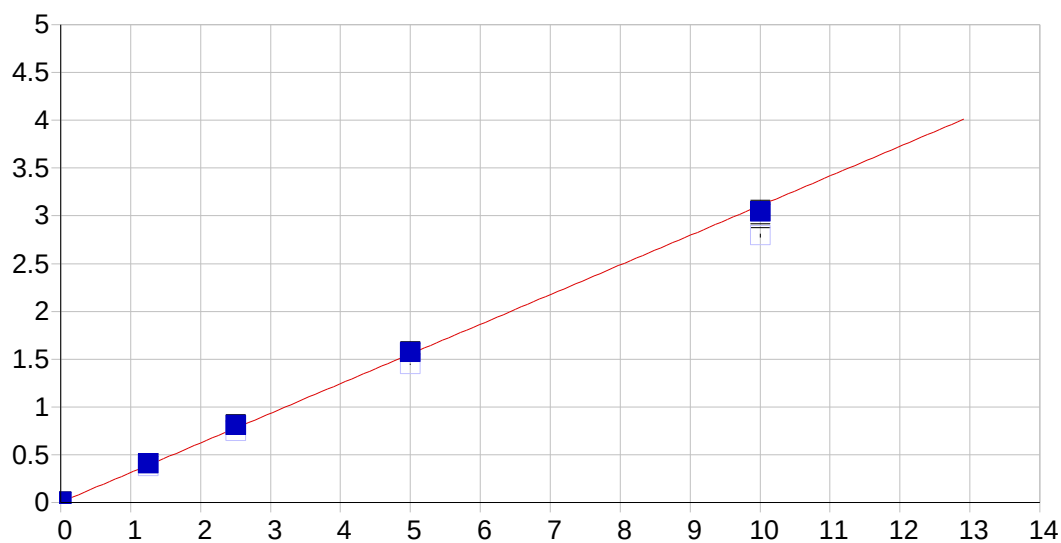


P 177.495 {490}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.202237 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998005 Status: OK.
 Std Error of Est: 0.000196
 Predicted MDL: 0.000405
 Predicted MQL: 0.001350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00051	.000	1
S1	.01000	.00118	-.009	-88.2	-.00040	.000	1
S2	1.2500	1.1091	-.141	-11.3	.20199	.001	1
S3	2.5000	2.2393	-.261	-10.4	.40876	.004	1
S4	5.0000	5.1821	.182	3.64	.96028	.007	1
S5	10.000	10.228	.228	2.28	1.8936	.005	1

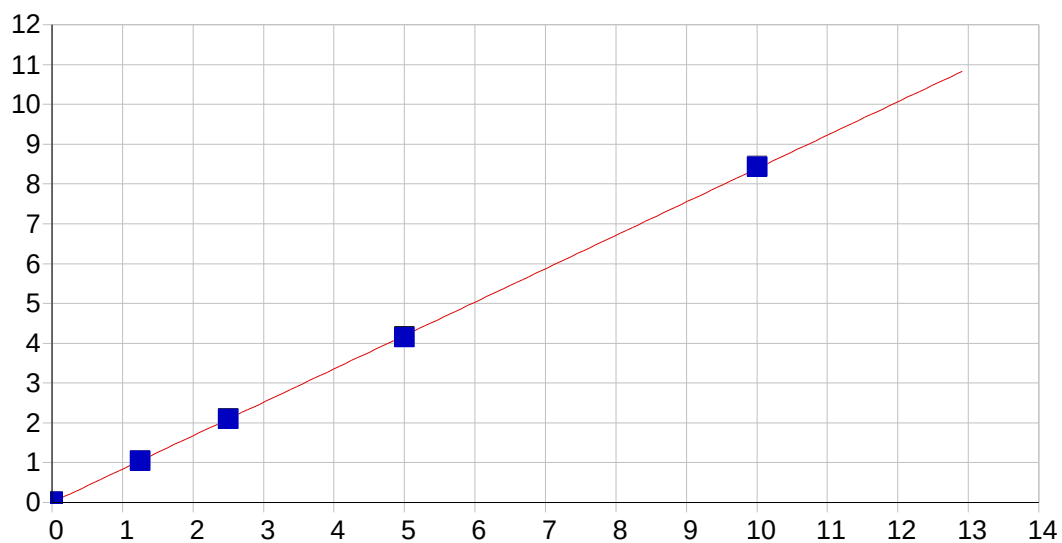


B 249.678 {135}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002366 Re-Slope: 1.000000
 A1 (Gain): 0.310389 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999611 Status: OK.
 Std Error of Est: 0.000134
 Predicted MDL: 0.001252
 Predicted MQL: 0.004172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00237	.000	1
S1	.01000	.00872	-.001	-12.8	.00501	.000	1
S2	1.2500	1.3104	.060	4.83	.37835	.000	1
S3	2.5000	2.6026	.103	4.10	.74871	.006	1
S4	5.0000	5.0520	.052	1.04	1.4475	.008	1
S5	10.000	9.7864	-.214	-2.14	2.7941	.021	1

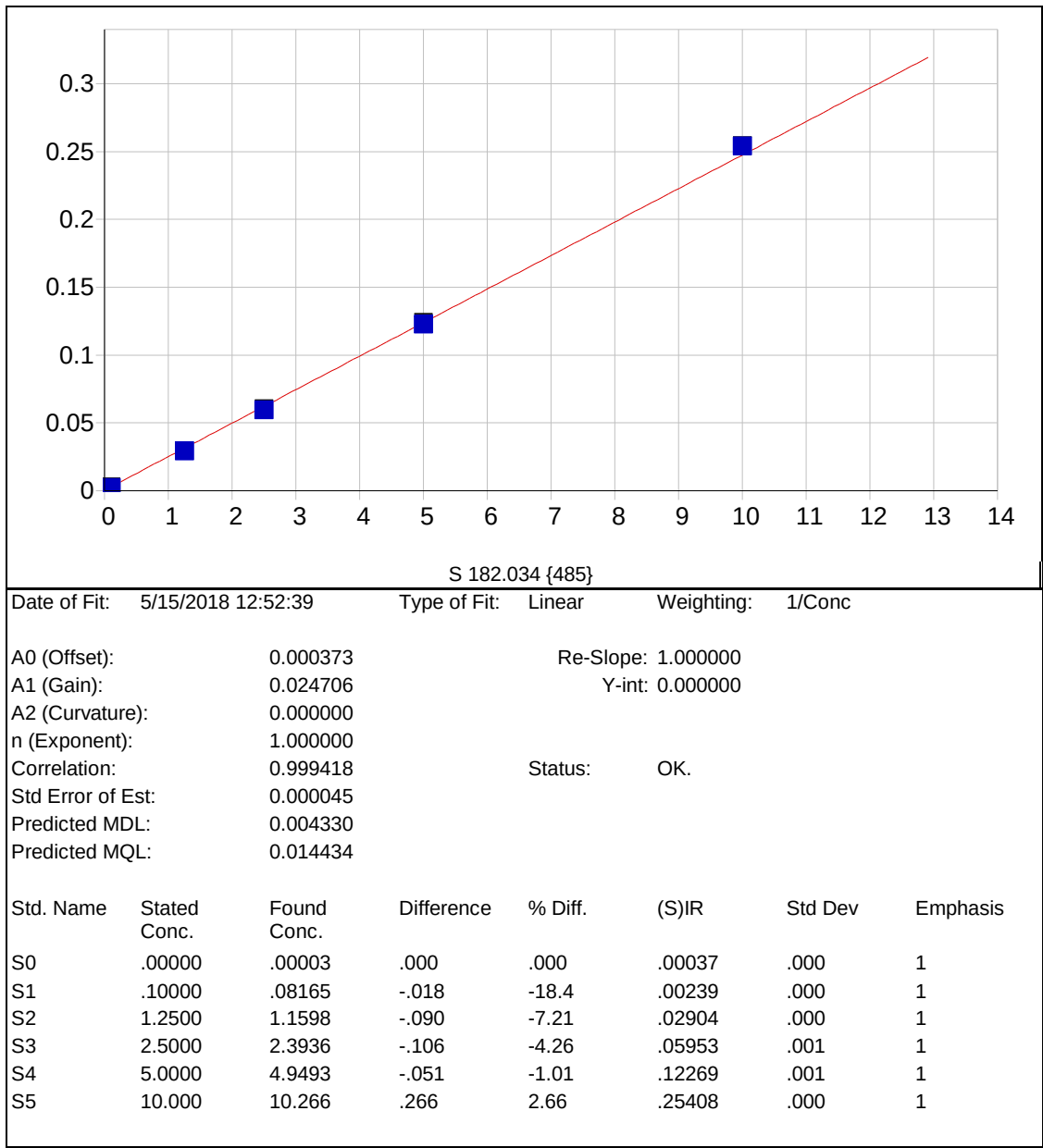


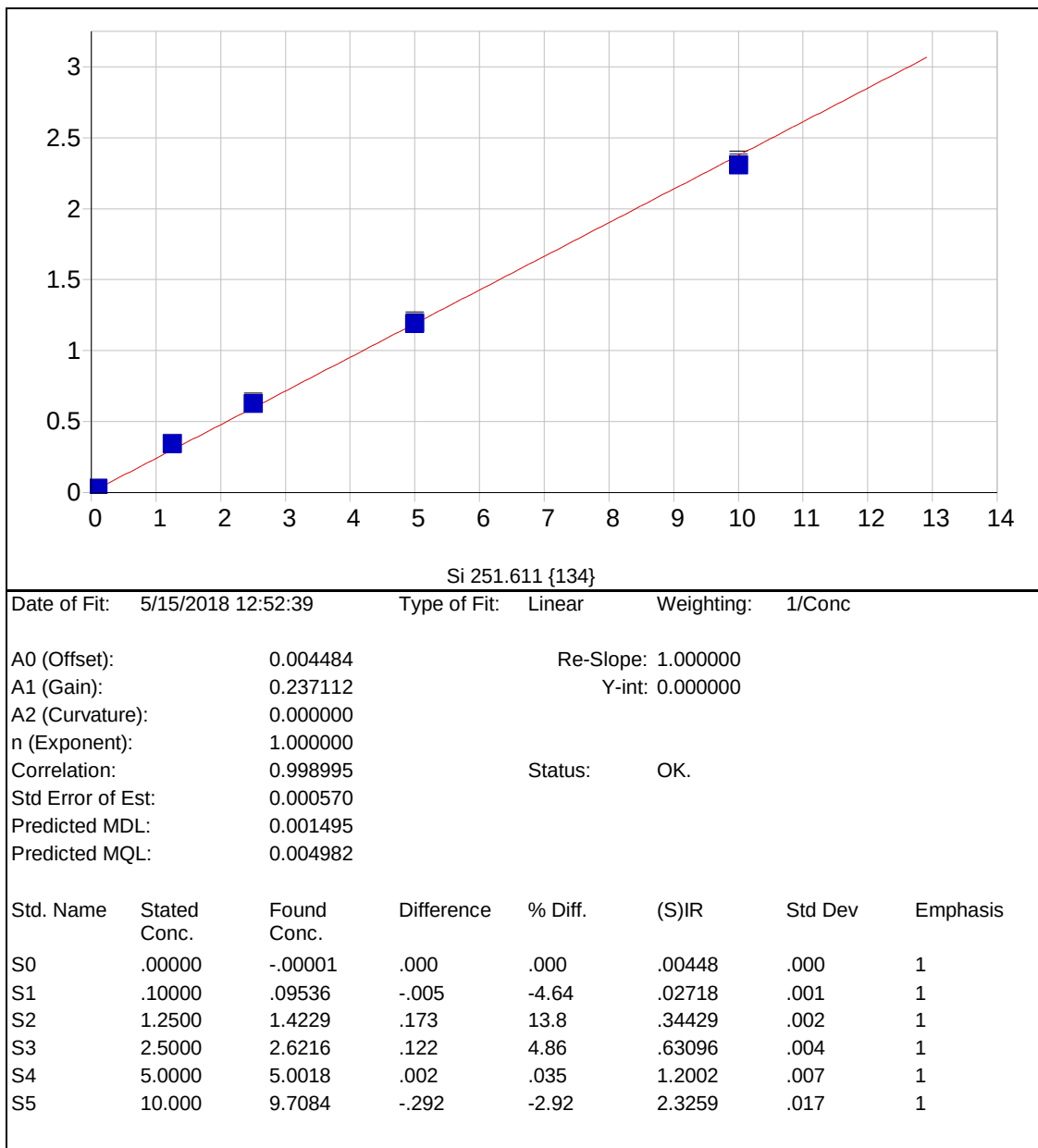
Mo 202.030 {467}

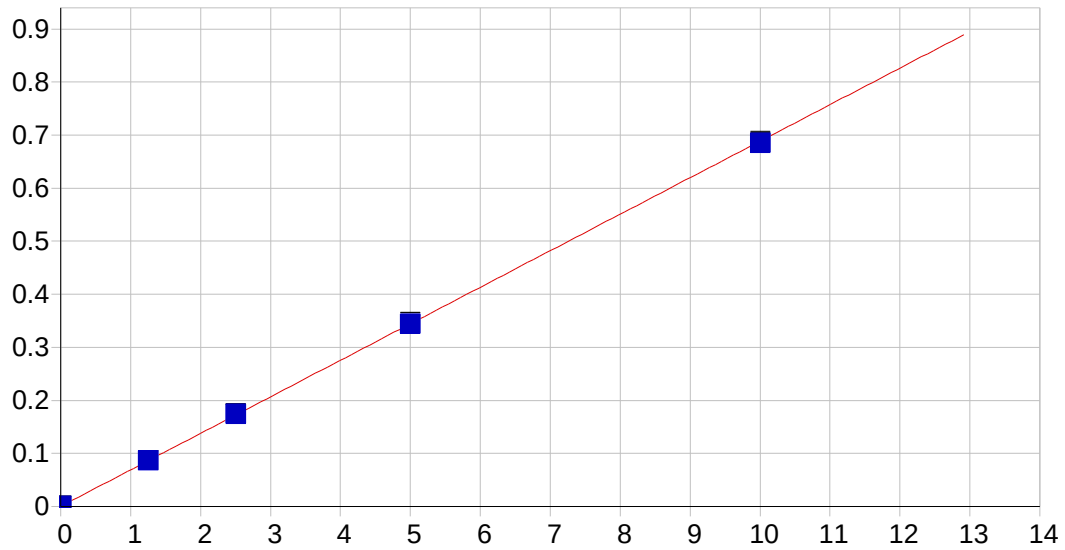
Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000332 Re-Slope: 1.000000
 A1 (Gain): 0.838597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000315
 Predicted MQL: 0.001049

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.01000	.01037	.000	3.72	.00903	.000	1
S2	1.2500	1.2496	.000	-.032	1.0482	.004	1
S3	2.5000	2.5014	.001	.056	2.0979	.010	1
S4	5.0000	4.9445	-.056	-1.11	4.1466	.015	1
S5	10.000	10.054	.054	.541	8.4313	.018	1





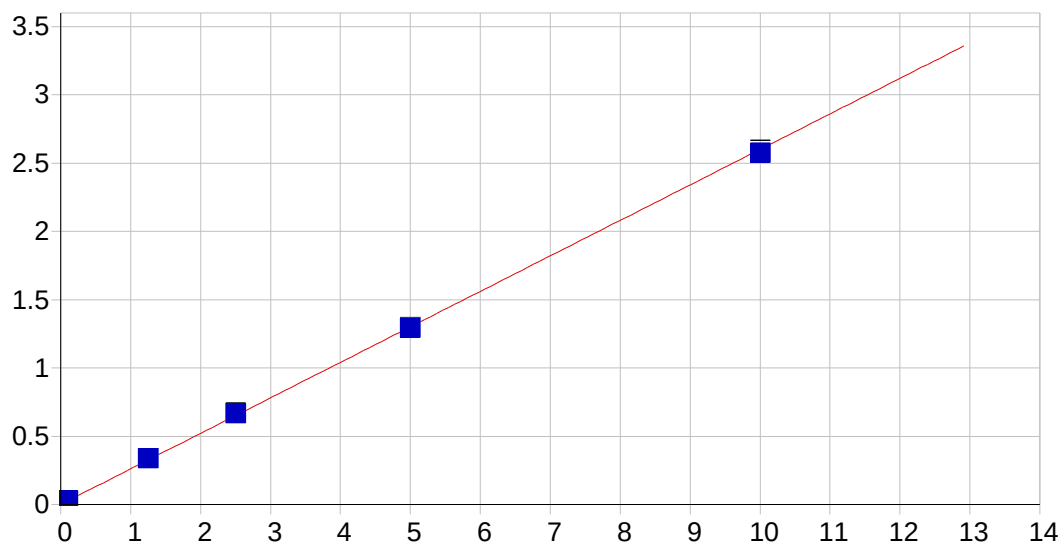


Sn 189.989 {478}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.068852 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.001409
 Predicted MQL: 0.004695

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00584	-.001	-16.6	.00057	.000	1
S2	1.2500	1.2540	.004	.322	.08634	.000	1
S3	2.5000	2.5303	.030	1.21	.17402	.001	1
S4	5.0000	5.0050	.005	.100	.34403	.003	1
S5	10.000	9.9617	-.038	-.383	.68455	.003	1



Ti 336.121 {100}

Date of Fit: 5/15/2018 12:52:39

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000913

Re-Slope: 1.000000

A1 (Gain): 0.260004

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999886

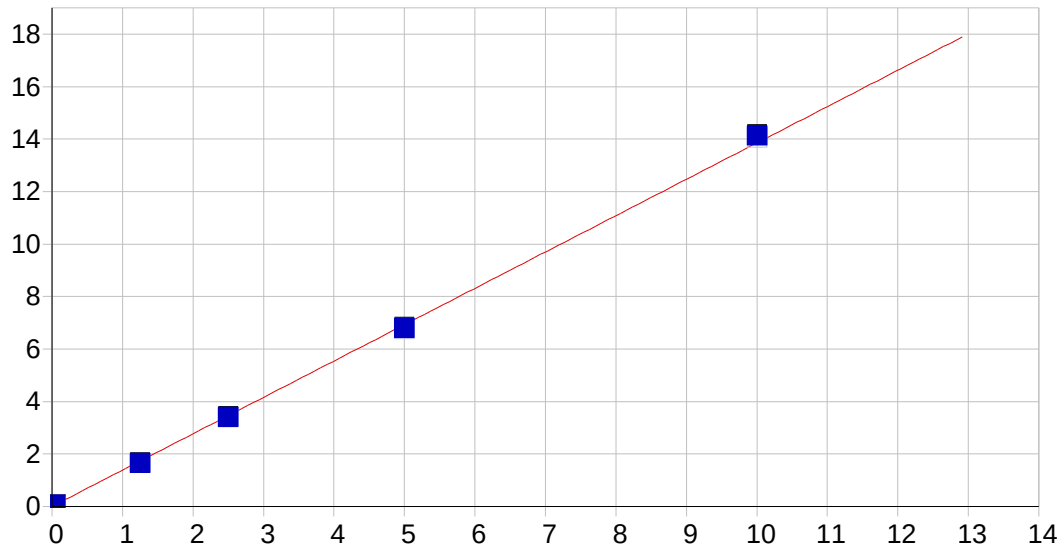
Status: OK.

Std Error of Est: 0.000209

Predicted MDL: 0.001923

Predicted MQL: 0.006410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00091	.000	1
S1	.10000	.10324	.003	3.24	.02775	.000	1
S2	1.2500	1.2928	.043	3.43	.33694	.001	1
S3	2.5000	2.5669	.067	2.68	.66807	.002	1
S4	5.0000	4.9793	-.021	-.413	1.2951	.001	1
S5	10.000	9.9077	-.092	-.923	2.5760	.018	1

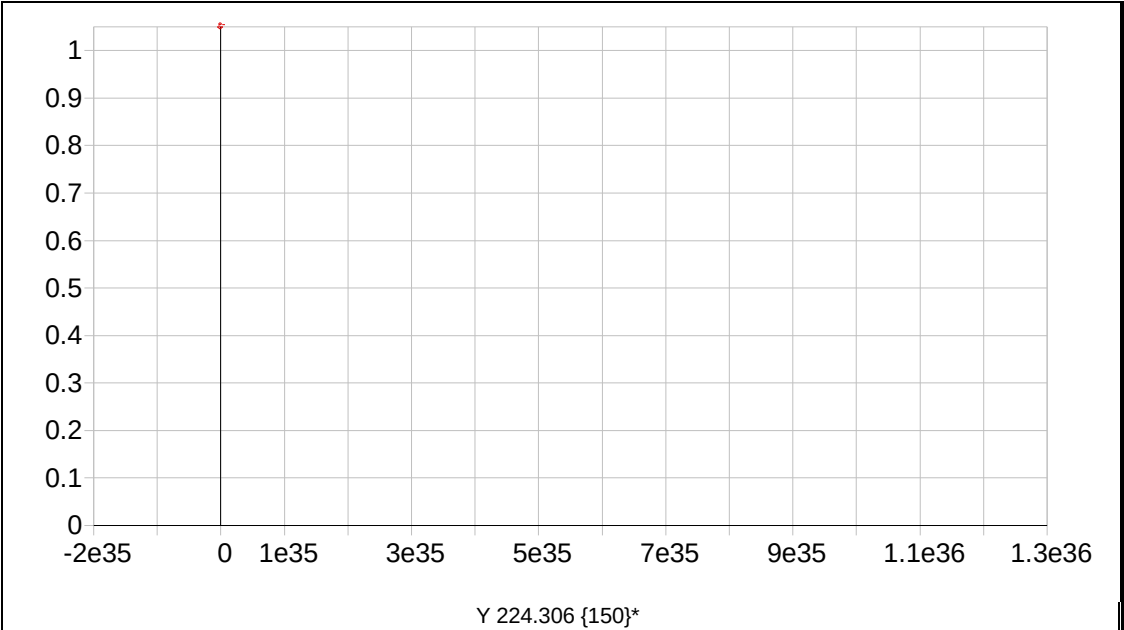


Li 670.784 { 50}

Date of Fit: 5/15/2018 12:52:39 Type of Fit: Linear Weighting: 1/Conc

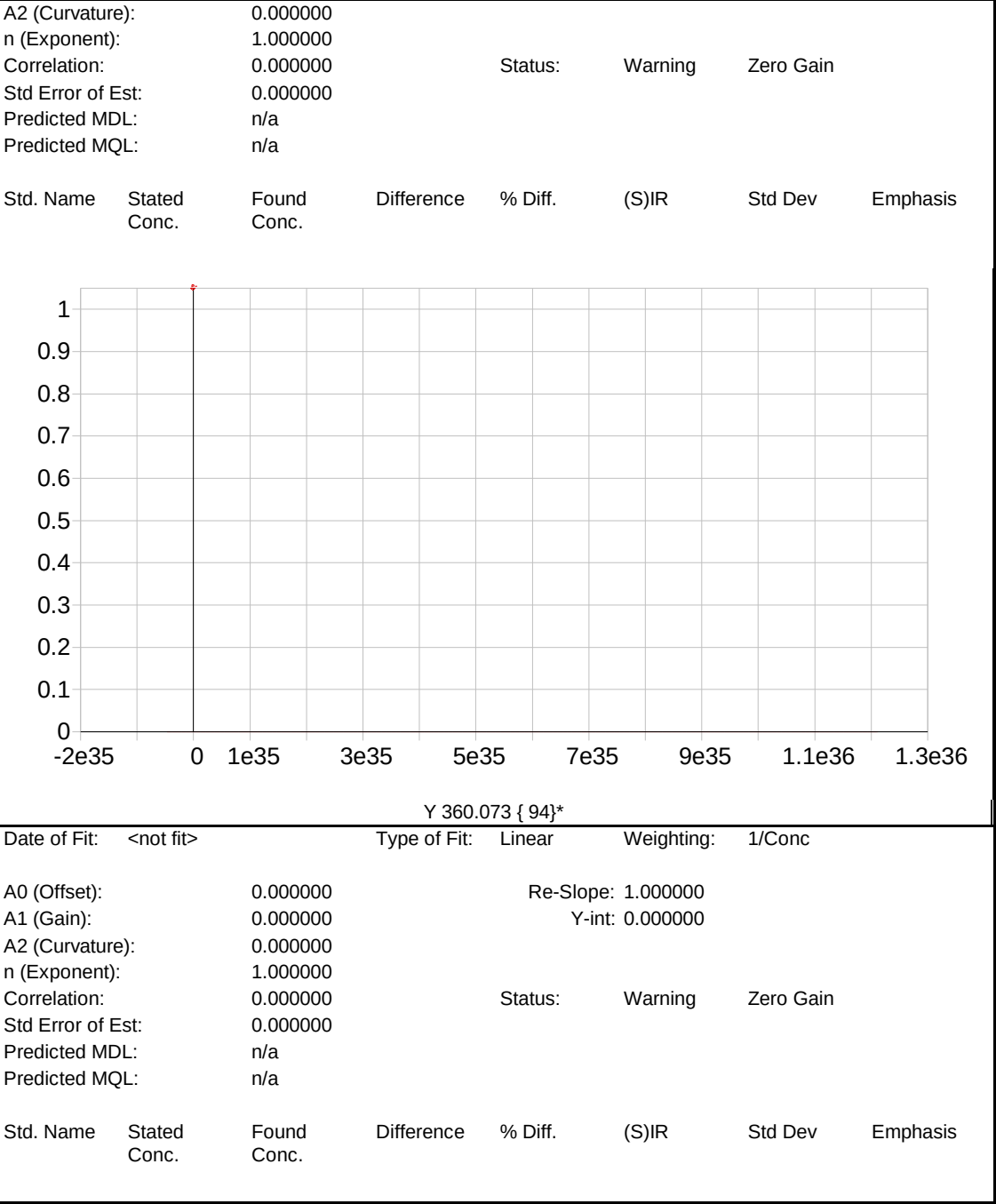
A0 (Offset): 0.002157 Re-Slope: 1.000000
 A1 (Gain): 1.385035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.001162
 Predicted MDL: 0.001321
 Predicted MQL: 0.004404

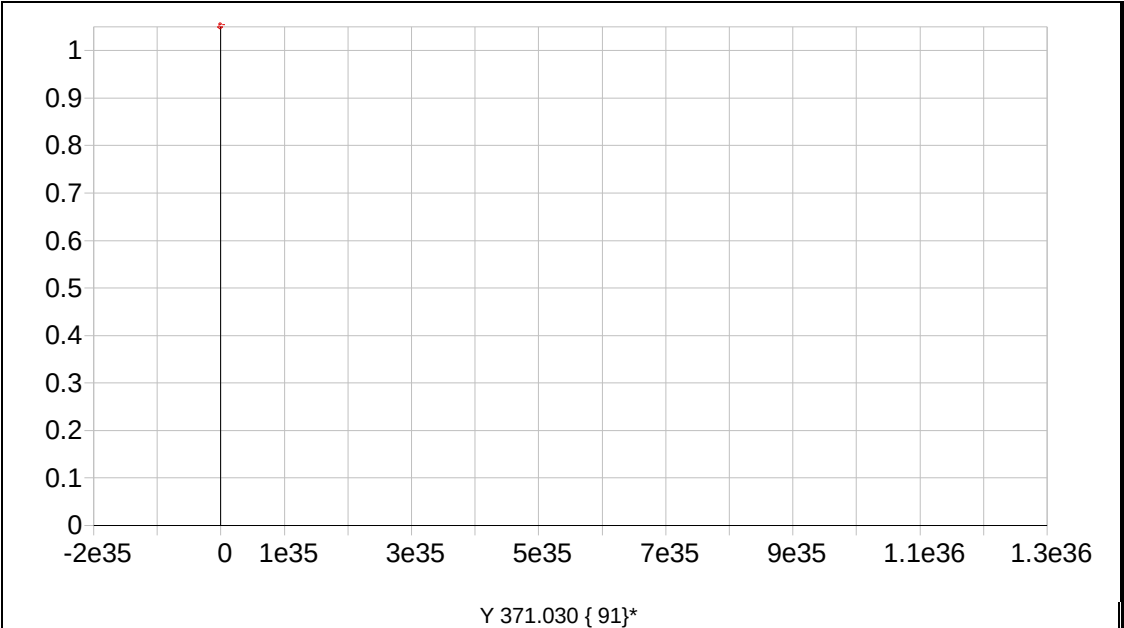
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00217	.001	1
S5	10.000	10.197	.197	1.97	14.047	.051	1
S4	5.0000	4.9044	-.096	-1.91	6.7560	.031	1
S3	2.5000	2.4577	-.042	-1.69	3.3867	.028	1
S2	1.2500	1.1977	-.052	-4.18	1.6513	.002	1
S1	.05000	.04369	-.006	-12.6	.06253	.001	1



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	

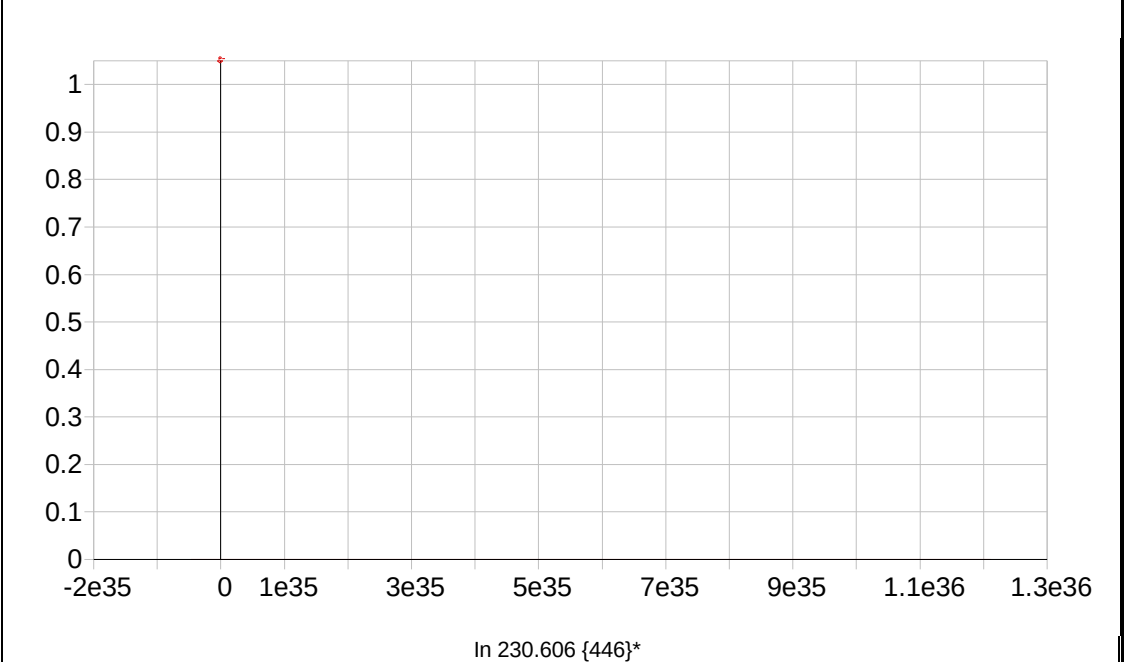
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
Y 224.306 {450}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



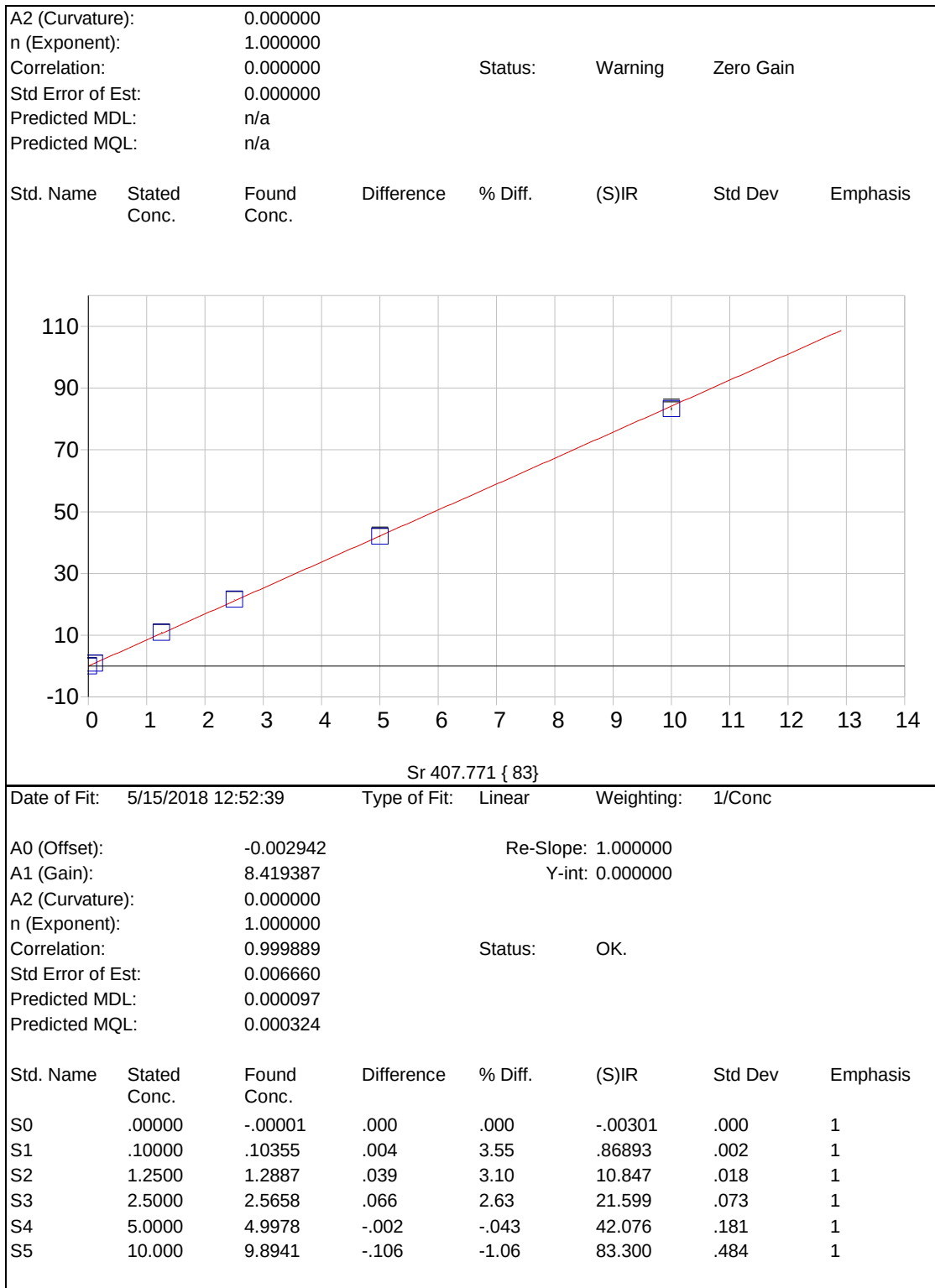


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 5/15/2018 10:29:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	-.00005	-.00015	-.00008	.00017	-.00002	.00065	-.00965	-.00088
Stddev	.00001	.00007	.00007	.00018	.00028	.00037	.00167	.00015
%RSD	11.010	45.943	87.711	107.07	1623.1	56.526	17.318	16.796

#1	-.00005	-.00013	-.00010	.00023	-.00001	.00033	-.00867	-.00099
#2	-.00004	-.00023	-.00013	-.00003	.00026	.00057	-.01158	-.00093
#3	-.00006	-.00010	.00000	.00031	-.00030	.00106	-.00870	-.00071

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	.00003	.00202	-.00001	.00006	.00071	.00004	-.00019	-.00042
Stddev	.00013	.00058	.00006	.00005	.00060	.00021	.00018	.00014
%RSD	519.82	28.744	481.52	86.050	84.652	479.88	94.816	34.170

#1	.00010	.00135	-.00006	.00001	.00044	.00028	-.00030	-.00054
#2	.00010	.00237	.00005	.00005	.00030	-.00006	.00002	-.00045
#3	-.00013	.00235	-.00004	.00012	.00141	-.00009	-.00028	-.00026

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	-.00044	-.00160	.00052	-.00032	-.00014	.02855	-.00051	.00237
Stddev	.00018	.00010	.00088	.00014	.00029	.00040	.00005	.00018
%RSD	41.008	6.4088	169.09	43.546	209.17	1.4029	9.9855	7.7020

#1	-.00024	-.00168	.00120	-.00037	-.00012	.02885	-.00049	.00220
#2	-.00050	-.00148	.00084	-.00016	-.00044	.02809	-.00057	.00256
#3	-.00058	-.00162	-.00047	-.00042	.00014	.02869	-.00047	.00234

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	.00037	.00448	.00019	.00091	.00217	-.00301	
Stddev	.00006	.00017	.00020	.00010	.00019	.00080	.00017	
%RSD	17.262	46.238	4.5215	53.559	20.848	36.700	5.6951	

#1	.00031	.00036	.00428	.00030	.00074	.00161	-.00315	
#2	.00040	.00055	.00468	.00014	.00111	.00308	-.00282	
#3	.00029	.00021	.00449	.00012	.00088	.00182	-.00307	

Sample Name: S0 Acquired: 5/15/2018 10:29:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	1333.7	1930.1	35074.	6723.8	3242.2
Stddev	7.2	87.5	41.	45.7	151.8
%RSD	.53841	4.5326	.11656	.67948	4.6826
#1	1330.6	1977.7	35076.	6727.2	3325.7
#2	1328.6	1829.1	35032.	6767.6	3067.0
#3	1341.9	1983.5	35113.	6676.4	3334.0

Sample Name: S1 Acquired: 5/15/2018 10:33:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.00029	.00105	.00157	.00227	.00773	.01529	.57728	.02003
Stddev	.00011	.00006	.00025	.00008	.00008	.00027	.00290	.00056
%RSD	38.158	5.2956	15.874	3.3384	1.0395	1.7434	.50214	2.7737

#1	.00019	.00109	.00186	.00234	.00774	.01560	.57773	.02039
#2	.00029	.00106	.00146	.00229	.00780	.01511	.57419	.01939
#3	.00041	.00098	.00140	.00219	.00764	.01517	.57994	.02031

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	.01126	.16565	.00125	.03641	.00351	.00133	.00348	.02271
Stddev	.00017	.00124	.00008	.00022	.00038	.00016	.00027	.00014
%RSD	1.4905	.74863	6.3957	.59905	10.924	12.122	7.8407	.62671

#1	.01119	.16563	.00118	.03631	.00384	.00133	.00346	.02287
#2	.01145	.16441	.00123	.03626	.00360	.00149	.00376	.02260
#3	.01114	.16689	.00133	.03666	.00309	.00117	.00321	.02266

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	.01670	.00173	.03140	.00269	.00503	.11922	-.00040	.00501
Stddev	.00005	.00008	.00083	.00018	.00057	.00052	.00011	.00039
%RSD	.28936	4.6996	2.6452	6.7515	11.362	.43455	26.871	7.7955

#1	.01671	.00167	.03067	.00290	.00503	.11896	-.00034	.00462
#2	.01674	.00182	.03122	.00256	.00446	.11982	-.00034	.00500
#3	.01665	.00169	.03230	.00262	.00561	.11889	-.00053	.00540

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	.00903	.00239	.02718	.00057	.02775	.06253	.86893	
Stddev	.00032	.00007	.00066	.00005	.00041	.00065	.00226	
%RSD	3.5553	2.8031	2.4201	9.1128	1.4665	1.0316	.26010	

#1	.00895	.00242	.02771	.00059	.02731	.06187	.86653	
#2	.00875	.00231	.02644	.00051	.02812	.06256	.86921	
#3	.00938	.00243	.02737	.00061	.02782	.06316	.87103	

Sample Name: S1 Acquired: 5/15/2018 10:33:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	1340.8	1977.6	35311.	6833.0	3284.1
Stddev	9.4	3.6	107.	21.9	6.9
%RSD	.70344	.18245	.30250	.32002	.20896
#1	1335.5	1980.2	35188.	6814.3	3289.9
#2	1335.1	1979.1	35366.	6857.0	3285.8
#3	1351.6	1973.5	35379.	6827.6	3276.5

Sample Name: S2 Acquired: 5/15/2018 10:37:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.04026	.05308	1.1010	.07768	.16450	2.6855	7.2869	.52204
Stddev	.00016	.00049	.0023	.00027	.00108	.0025	.0137	.00249
%RSD	.39884	.92532	.20801	.34990	.65678	.09425	.18861	.47614

#1	.04017	.05345	1.1019	.07786	.16348	2.6843	7.3002	.51919
#2	.04016	.05252	1.0984	.07780	.16438	2.6838	7.2878	.52379
#3	.04044	.05328	1.1027	.07736	.16563	2.6884	7.2727	.52313

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4354	1.9766	.50206	.46499	.37851	.44394	.83400	.29269
Stddev	.0053	.0027	.00033	.00125	.00064	.00095	.00434	.00069
%RSD	.36949	.13539	.06573	.26923	.17022	.21472	.52089	.23608

#1	1.4375	1.9792	.50243	.46373	.37917	.44285	.83900	.29284
#2	1.4293	1.9739	.50195	.46501	.37846	.44456	.83112	.29330
#3	1.4393	1.9768	.50180	.46623	.37789	.44443	.83189	.29194

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	.26737	.09653	.22366	.03378	.33204	.75223	.20199	.37835
Stddev	.00034	.00030	.00032	.00027	.00474	.00184	.00078	.00009
%RSD	.12824	.30835	.14494	.80135	1.4265	.24511	.38758	.02264

#1	.26727	.09677	.22357	.03351	.33721	.75040	.20161	.37840
#2	.26709	.09663	.22339	.03405	.33100	.75219	.20148	.37826
#3	.26775	.09620	.22402	.03379	.32791	.75409	.20289	.37841

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	1.0482	.02904	.34429	.08634	.33694	1.6513	10.847	
Stddev	.0040	.00019	.00168	.00032	.00125	.0017	.018	
%RSD	.38616	.66589	.48829	.37046	.37176	.10013	.16627	

#1	1.0451	.02895	.34260	.08642	.33552	1.6525	10.865	
#2	1.0468	.02891	.34432	.08598	.33739	1.6519	10.829	
#3	1.0528	.02926	.34596	.08661	.33790	1.6494	10.847	

Sample Name: S2 Acquired: 5/15/2018 10:37:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	1275.6	1873.8	34080.	6786.2	2911.8
Stddev	7.2	5.0	119.	19.5	7.6
%RSD	.56238	.26453	.34963	.28768	.26172
#1	1268.4	1875.2	33957.	6805.3	2907.9
#2	1275.6	1878.0	34087.	6766.3	2920.6
#3	1282.7	1868.3	34195.	6786.9	2907.0

Sample Name: S3 Acquired: 5/15/2018 10:41:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.08086	.10456	2.2019	.15597	.33315	5.4046	14.607	1.0307
Stddev	.00075	.00081	.0065	.00065	.00162	.0093	.028	.0088
%RSD	.92223	.77242	.29629	.41481	.48713	.17236	.19306	.85183

#1	.08046	.10417	2.1961	.15544	.33146	5.4001	14.611	1.0287
#2	.08172	.10549	2.2089	.15669	.33469	5.3983	14.576	1.0403
#3	.08041	.10402	2.2008	.15578	.33331	5.4153	14.632	1.0231

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	2.8572	3.8711	.98099	.93292	.75168	.87119	1.6269	.58584
Stddev	.0116	.0357	.00358	.00434	.00386	.00527	.0079	.00644
%RSD	.40597	.92098	.36497	.46574	.51381	.60473	.48409	1.0985

#1	2.8507	3.8904	.98116	.93085	.75183	.87068	1.6355	.58616
#2	2.8706	3.8930	.98449	.93792	.74774	.87669	1.6252	.59211
#3	2.8504	3.8300	.97733	.93000	.75546	.86619	1.6200	.57925

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	.53468	.19336	.45177	.06723	.65962	1.5072	.40876	.74871
Stddev	.00154	.00053	.00127	.00060	.00582	.0033	.00386	.00601
%RSD	.28863	.27234	.28055	.89920	.88224	.21980	.94442	.80228

#1	.53329	.19396	.45032	.06666	.65451	1.5110	.40522	.74595
#2	.53634	.19297	.45270	.06717	.66595	1.5054	.41288	.75560
#3	.53442	.19315	.45228	.06786	.65839	1.5051	.40817	.74458

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	2.0979	.05953	.63096	.17402	.66807	3.3867	21.599	
Stddev	.0104	.00079	.00369	.00054	.00226	.0285	.073	
%RSD	.49652	1.3341	.58430	.31089	.33893	.84055	.33706	

#1	2.0915	.05935	.62966	.17365	.66809	3.3729	21.630	
#2	2.1099	.06040	.63512	.17464	.67033	3.3677	21.516	
#3	2.0924	.05885	.62809	.17378	.66580	3.4194	21.652	

Sample Name: S3 Acquired: 5/15/2018 10:41:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	1231.7	1793.6	33217.	6710.7	2739.9
Stddev	6.3	6.3	44.	26.1	7.5
%RSD	.50930	.35209	.13183	.38875	.27537
#1	1226.2	1796.8	33214.	6710.9	2740.6
#2	1230.4	1786.3	33174.	6684.5	2732.0
#3	1238.6	1797.6	33261.	6736.7	2747.0

Sample Name: S4 Acquired: 5/15/2018 10:45:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.16269	.20150	4.3037	.30909	.66750	10.776	28.556	2.0153
Stddev	.00076	.00327	.0209	.00053	.00186	.033	.156	.0138
%RSD	.46980	1.6219	.48453	.17183	.27868	.30646	.54539	.68547

#1	.16298	.19951	4.2801	.30896	.66557	10.801	28.662	2.0230
#2	.16183	.20527	4.3114	.30863	.66766	10.787	28.629	2.0235
#3	.16328	.19973	4.3196	.30967	.66928	10.738	28.377	1.9993

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.5735	7.5237	1.8804	1.8251	1.4608	1.6987	3.1182	1.1766
Stddev	.0336	.0381	.0050	.0065	.0046	.0052	.0115	.0024
%RSD	.60307	.50626	.26593	.35380	.31254	.30737	.36919	.19991

#1	5.5352	7.5499	1.8758	1.8180	1.4579	1.7000	3.1128	1.1791
#2	5.5984	7.5412	1.8798	1.8265	1.4661	1.6929	3.1314	1.1744
#3	5.5869	7.4800	1.8857	1.8307	1.4585	1.7031	3.1103	1.1764

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	1.0415	.38100	.89084	.13144	1.3709	3.0135	.96028	1.4475
Stddev	.0061	.00067	.00564	.00053	.0160	.0097	.00693	.0075
%RSD	.58763	.17700	.63317	.40137	1.1704	.32124	.72210	.52030

#1	1.0347	.38022	.89225	.13184	1.3718	3.0185	.95238	1.4521
#2	1.0436	.38134	.89565	.13163	1.3544	3.0197	.96536	1.4516
#3	1.0464	.38143	.88463	.13084	1.3864	3.0024	.96309	1.4388

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	4.1466	.12269	1.2002	.34403	1.2951	6.7560	42.076	
Stddev	.0147	.00103	.0067	.00259	.0012	.0314	.181	
%RSD	.35410	.83585	.56269	.75211	.09456	.46479	.43094	

#1	4.1304	.12152	1.2030	.34112	1.2962	6.7721	42.165	
#2	4.1503	.12340	1.2050	.34490	1.2953	6.7761	42.195	
#3	4.1590	.12316	1.1925	.34607	1.2938	6.7198	41.867	

Sample Name: S4 Acquired: 5/15/2018 10:45:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	1176.9	1704.2	32415.	6648.3	2570.1
Stddev	6.3	3.3	101.	28.0	9.7
%RSD	.53244	.19148	.31109	.42135	.37886
#1	1176.0	1707.8	32452.	6632.9	2581.3
#2	1183.6	1703.4	32493.	6631.3	2564.0
#3	1171.1	1701.4	32301.	6680.6	2565.0

Sample Name: S5 Acquired: 5/15/2018 10:49:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.34198	.38972	8.5946	.64144	1.4036	22.035	56.691	3.9793
Stddev	.00035	.00067	.0453	.00100	.0036	.120	.160	.0271
%RSD	.10131	.17149	.52745	.15593	.25961	.54552	.28166	.68008

#1	.34182	.38924	8.5560	.64104	1.4001	22.076	56.873	4.0038
#2	.34237	.38943	8.5834	.64071	1.4034	22.129	56.576	3.9839
#3	.34174	.39048	8.6445	.64258	1.4074	21.900	56.623	3.9502

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.958	14.892	3.6456	3.6197	2.9335	3.3459	6.0483	2.3962
Stddev	.050	.032	.0080	.0217	.0077	.0223	.0146	.0132
%RSD	.45911	.21201	.21824	.59892	.26141	.66535	.24076	.54870

#1	10.926	14.928	3.6385	3.6054	2.9410	3.3509	6.0646	2.4012
#2	10.932	14.880	3.6542	3.6090	2.9339	3.3652	6.0436	2.4061
#3	11.016	14.869	3.6439	3.6446	2.9257	3.3215	6.0367	2.3812

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	2.0509	.77250	1.8086	.26344	2.9454	6.2197	1.8936	2.7941
Stddev	.0114	.00201	.0116	.00253	.0211	.0230	.0054	.0209
%RSD	.55470	.25973	.64332	.96193	.71532	.36961	.28449	.74733

#1	2.0428	.77152	1.8198	.26540	2.9253	6.2411	1.8914	2.8116
#2	2.0460	.77481	1.8093	.26434	2.9435	6.2224	1.8897	2.7998
#3	2.0639	.77118	1.7966	.26058	2.9673	6.1954	1.8998	2.7710

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	8.4313	.25408	2.3259	.68455	2.5760	14.047	83.300	
Stddev	.0183	.00037	.0167	.00256	.0181	.051	.484	
%RSD	.21739	.14407	.71769	.37387	.70120	.36351	.58151	

#1	8.4168	.25385	2.3374	.68258	2.5968	14.101	83.774	
#2	8.4252	.25389	2.3335	.68363	2.5661	14.041	83.319	
#3	8.4519	.25450	2.3067	.68744	2.5650	13.999	82.806	

Sample Name: S5 Acquired: 5/15/2018 10:49:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	1073.2	1561.0	31262.	6580.2	2370.9
Stddev	3.8	2.5	47.	47.8	9.8
%RSD	.35599	.16274	.15077	.72705	.41246
#1	1074.5	1563.0	31232.	6535.9	2373.9
#2	1076.3	1561.9	31317.	6573.8	2378.8
#3	1069.0	1558.2	31239.	6630.9	2360.0

Sample Name: S6 Acquired: 5/15/2018 10:53:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	59.718	24.938	9.1156	4.0059	5.1536
Stddev	.205	.049	.0129	.0076	.0216
%RSD	.34352	.19514	.14108	.18976	.41903

#1	59.855	24.994	9.1304	4.0115	5.1685
#2	59.818	24.913	9.1072	3.9973	5.1288
#3	59.482	24.907	9.1092	4.0090	5.1634

Int. Std.	Y_3710
Units	Cts/S
Avg	6472.6
Stddev	51.3
%RSD	.79234

#1	6422.6
#2	6525.1
#3	6470.2

Sample Name: ICV Acquired: 5/15/2018 11:09:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.9566548	1.097704	.9578290	.9831032	.9456300	2.400364
Stddev	.0068850	.006788	.0007798	.0096776	.0033121	.012464
%RSD	.7196985	.6184095	.0814140	.9843896	.3502522	.5192370

#1	.9585698	1.089967	.9569308	.9733025	.9418063	2.393252
#2	.9490150	1.100481	.9582235	.9833544	.9474736	2.393086
#3	.9623796	1.102663	.9583329	.9926527	.9476100	2.414756

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126892	.5172943	.4914483	10.31489	.5371817	.4898017
Stddev	.0008792	.0039552	.0013673	.00263	.0059858	.0011824
%RSD	.1714951	.7645883	.2782250	.0254896	1.114293	.2414006

#1	.5119441	.5191501	.4910859	10.31258	.5361398	.4888275
#2	.5124644	.5199803	.4902987	10.31775	.5436200	.4894604
#3	.5136590	.5127525	.4929603	10.31434	.5317852	.4911172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5237706	5.482881	.5211417	5.936507	.5038268	.4922284
Stddev	.0028593	.045435	.0038192	.027525	.0012417	.0035854
%RSD	.5459112	.8286715	.7328569	.4636633	.2464620	.7283958

#1	.5259780	5.476072	.5229239	5.966554	.5032077	.4901403
#2	.5247932	5.441235	.5237441	5.930457	.5030163	.4963684
#3	.5205406	5.531337	.5167572	5.912509	.5052564	.4901765

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.573659	.5407726	.9484576	F 8.820660	F .0129136	F -.002976
Stddev	.182519	.0048646	.0097509	.081326	.0001628	.000686
%RSD	1.906476	.8995721	1.028081	.9219970	1.260356	23.04175

#1	9.604012	.5463822	.9467381	8.830715	.0130973	-.002400
#2	9.739098	.5382214	.9396808	8.896491	.0127873	-.003735
#3	9.377865	.5377143	.9589539	8.734774	.0128562	-.002793

Sample Name: ICV Acquired: 5/15/2018 11:09:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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 -.000217	.0000220	-.005657	F -.001403	-.001182	.0012524
Stddev	.000332	.0033313	.001554	.000913	.001066	.0008932
%RSD	153.2845	15170.52	27.46665	65.05861	90.17106	71.31918
#1	-.000264	.0030350	-.005404	-.002053	-.000883	.0022371
#2	.000137	.0005862	-.004246	-.000359	-.000298	.0010255
#3	-.000523	-.003555	-.007322	-.001796	-.002366	.0004945

Elem	Sr4077
Units	ppm
Avg	.0119200
Stddev	.0000381
%RSD	.3200182
#1	.0119109
#2	.0119619
#3	.0118872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.706	1969.166	35607.42	7015.557	3245.345
Stddev	13.033	3.649	393.75	38.985	5.655
%RSD	.9684952	.1852919	1.105818	.5556868	.1742445
#1	1345.963	1970.484	35757.63	7000.349	3244.121
#2	1332.546	1971.973	35160.68	6986.468	3251.512
#3	1358.608	1965.042	35903.97	7059.853	3240.403

Sample Name: ICB Acquired: 5/15/2018 11:13:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	-.003181	.0019615	-.001208	.0006300	.0002533	.0063862	-.001576
Stddev	.003117	.0035747	.001174	.0039257	.0008123	.0045614	.000852
%RSD	97.99429	182.2372	97.18639	623.1570	320.6284	71.42568	54.02461

#1	-.000381	.0060819	-.002134	.0042798	-.000496	.0044997	-.001776
#2	-.006539	.0001148	-.001602	.0011332	.001117	.0030707	-.000643
#3	-.002623	-.000312	.000112	-.003523	.000139	.0115883	-.002311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000264	.0001314	-.017866	-.000184	-.000236	-.002618	.0094529
Stddev	.0000459	.0000136	.003714	.000532	.000021	.004171	.0228393
%RSD	173.6922	10.30883	20.78776	289.6236	8.708211	159.2836	241.6126

#1	-.000004	.0001456	-.021567	.000367	-.000236	-.005568	-.012382
#2	.000004	.0001299	-.017891	-.000223	-.000257	-.004440	.033179
#3	.000079	.0001187	-.014139	-.000694	-.000216	.002153	.007562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013125	.0527154	.0002317	.0009866	-.149910	.0028050	-.005004
Stddev	.0004972	.0529490	.0001665	.0002949	.203438	.0058066	.002964
%RSD	37.88693	100.4431	71.84130	29.88742	135.7067	207.0048	59.23889

#1	.0017526	.0304907	.0000483	.0009470	-.373466	-.003621	-.008095
#2	.0007731	.1131546	.0003732	.0012993	.024351	.007675	-.002185
#3	.0014117	.0145008	.0002737	.0007135	-.100615	.004361	-.004733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.154248	-.000917	-.005067	-.000267	-.003582	-.009755	-.001012
Stddev	.034534	.000774	.001059	.000236	.002097	.000742	.001366
%RSD	22.38877	84.40766	20.90923	88.55534	58.55462	7.604001	134.9092

#1	-.131812	-.000440	-.005580	.000001	-.001744	-.009022	-.000279
#2	-.136917	-.001810	-.005772	-.000447	-.005867	-.010505	-.000170
#3	-.194016	-.000500	-.003848	-.000355	-.003135	-.009738	-.002588

Sample Name: ICB Acquired: 5/15/2018 11:13:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.0006239	-.000018	-.000039
Stddev	.0015729	.001102	.000039
%RSD	252.1237	6055.275	99.36682

#1	.0007266	.001234	-.000076
#2	.0021429	-.000446	.000002
#3	-.000998	-.000843	-.000044

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.319	1995.943	36007.59	7001.583	3351.405
Stddev	3.142	4.995	142.85	49.683	8.909
%RSD	.2297881	.2502385	.3967105	.7095912	.2658273

#1	1365.487	1992.786	36068.29	7007.275	3343.945
#2	1365.523	2001.701	35844.42	7048.175	3361.269
#3	1370.947	1993.341	36110.06	6949.300	3349.000

Sample Name: ICSA Acquired: 5/15/2018 11:17:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039135	-.000652	-.005870	.0033808	.0073734	243.1892
Stddev	.0012396	.002033	.001658	.0035553	.0075952	.4497
%RSD	31.67416	311.6051	28.24978	105.1633	103.0085	.1849279

#1	.0034074	-.002844	-.007040	.0043546	-.000910	242.7923
#2	.0053261	-.000287	-.003972	.0063477	.009021	243.6777
#3	.0030071	.001173	-.006599	-.000560	.014010	243.0977

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030886	.0010846	.0002199	249.2784	.0495258	-.000491
Stddev	.0004005	.0000855	.0000661	.1917	.0007110	.000074
%RSD	12.96810	7.882363	30.06260	.0769219	1.435585	14.99939

#1	.0026283	.0011240	.0001458	249.0799	.0495698	-.000565
#2	.0033576	.0009865	.0002408	249.2927	.0502138	-.000418
#3	.0032799	.0011432	.0002730	249.4626	.0487939	-.000490

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007560	103.3783	.0124203	256.1342	.0008262	-.000393
Stddev	.000523	.5995	.0011612	1.5682	.0002593	.000136
%RSD	6.922402	.5799432	9.348873	.6122604	31.38922	34.64466

#1	-.007986	102.6871	.0137254	254.3354	.0005895	-.000344
#2	-.007718	103.7575	.0120342	257.2143	.0007858	-.000288
#3	-.006976	103.6904	.0115014	256.8528	.0011034	-.000547

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755132	.0055296	-.018977	-.286986	-.007249	F -.020334
Stddev	.1059246	.0023356	.008931	.061392	.000283	.001012
%RSD	140.2730	42.23791	47.06266	21.39195	3.900753	4.978002

#1	.0515245	.0052617	-.027388	-.218627	-.007559	-.021480
#2	-.016360	.0079875	-.009604	-.337422	-.007006	-.019960
#3	.191375	.0033394	-.019940	-.304909	-.007181	-.019562

Sample Name: ICSA Acquired: 5/15/2018 11:17:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010016	.0037998	-.012837	-.005336	-.002545	.0034176
Stddev	.0004888	.0115101	.002101	.003054	.001244	.0003282
%RSD	48.79953	302.9151	16.36362	57.23998	48.86340	9.604449

#1	.0011500	.0136117	-.012720	-.005087	-.001237	.0033135
#2	.0004558	.0066576	-.014993	-.008507	-.003712	.0037853
#3	.0013989	-.008870	-.010797	-.002414	-.002686	.0031541

Elem	Sr4077
Units	ppm
Avg	.1028011
Stddev	.0001954
%RSD	.1900702

#1	.1029256
#2	.1029018
#3	.1025759

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.999	1822.023	33224.79	6832.539	2730.888
Stddev	1.701	4.107	127.88	19.108	4.293
%RSD	.1345939	.2254354	.3848995	.2796612	.1571991

#1	1262.586	1820.948	33079.53	6825.794	2733.639
#2	1265.888	1826.561	33274.39	6817.718	2733.083
#3	1263.524	1818.560	33320.43	6854.104	2725.941

Sample Name: ICSAB Acquired: 5/15/2018 11:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985755	.1061451	.0427392	.0449554	.5841362	244.0570
Stddev	.0043905	.0055905	.0046129	.0046431	.0109680	.8090
%RSD	4.453919	5.266884	10.79306	10.32817	1.877640	.3314762

#1	.1001170	.0997292	.0416606	.0395967	.5879553	243.2589
#2	.1019873	.1087358	.0477959	.0474905	.5926841	244.8764
#3	.0936221	.1099703	.0387613	.0477791	.5717693	244.0358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5218153	.5253802	1.016114	249.0786	.5813146	.5026069
Stddev	.0013574	.0022296	.014123	.6440	.0024088	.0070948
%RSD	.2601273	.4243738	1.389898	.2585653	.4143661	1.411591

#1	.5208934	.5253828	1.023212	248.3478	.5840172	.5069661
#2	.5233740	.5231493	1.025281	249.5634	.5793940	.5064343
#3	.5211785	.5276084	.999850	249.3246	.5805326	.4944203

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5131013	103.7520	.5218652	257.6494	1.009966	.2033282
Stddev	.0022209	.8714	.0035640	1.3172	.015821	.0017983
%RSD	.4328409	.8398593	.6829255	.5112359	1.566509	.8844177

#1	.5133203	102.9325	.5199636	256.3424	1.016843	.2053868
#2	.5152046	104.6673	.5196553	258.9766	1.021185	.2025346
#3	.5107790	103.6560	.5259766	257.6291	.991870	.2020634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2707914	.5352243	.9686007	-.496512	.0057691	F -.020053
Stddev	.2030745	.0041798	.0114690	.023628	.0008397	.005088
%RSD	74.99297	.7809420	1.184077	4.758730	14.55442	25.37486

#1	.3773529	.5318708	.9775663	-.518966	.0066270	-.024238
#2	.0366164	.5399071	.9556769	-.471864	.0049489	-.014389
#3	.3984050	.5338950	.9725590	-.498705	.0057315	-.021533

Sample Name: ICSAB Acquired: 5/15/2018 11:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003806	.0034482	-.012093	-.006722	-.003227	.0032832
Stddev	.0003241	.0032331	.001745	.001540	.001659	.0006645
%RSD	85.14985	93.76196	14.43394	22.91132	51.41745	20.23801

#1	.0002998	.0071464	-.010121	-.006430	-.002484	.0029257
#2	.0001046	.0011570	-.012718	-.008387	-.005127	.0040498
#3	.0007374	.0020412	-.013440	-.005349	-.002069	.0028740

Elem	Sr4077
Units	ppm
Avg	.1029559
Stddev	.0000448
%RSD	.0435290

#1	.1029627
#2	.1029081
#3	.1029970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.378	1829.779	33263.77	6871.667	2744.740
Stddev	2.347	12.277	129.03	22.049	16.192
%RSD	.1867978	.6709457	.3879086	.3208624	.5899219

#1	1258.975	1823.049	33120.29	6884.320	2733.641
#2	1254.410	1822.338	33370.30	6884.473	2737.259
#3	1255.748	1843.949	33300.71	6846.208	2763.320

Sample Name: CCV063 Acquired: 5/15/2018 11:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.095765	5.051045	24.98896	5.106761	5.106972	416.6119	10.25435
Stddev	.004014	.031686	.03734	.027418	.009670	.8712	.00512
%RSD	.0787677	.6273190	.1494152	.5368907	.1893403	.2091247	.0499463

#1	5.091135	5.025898	24.96870	5.084362	5.097858	417.4671	10.26014
#2	5.097895	5.086635	24.96614	5.137337	5.105942	415.7255	10.25040
#3	5.098265	5.040604	25.03205	5.098585	5.117115	416.6430	10.25251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5283891	2.529376	405.1313	15.49055	2.522903	15.43208	424.8886
Stddev	.0005111	.005412	.9539	.03413	.001619	.05573	1.8024
%RSD	.0967336	.2139617	.2354569	.2203327	.0641673	.3611160	.4242108

#1	.5289780	2.523280	405.4584	15.45859	2.522104	15.40737	426.8669
#2	.5281275	2.531235	404.0569	15.48654	2.521839	15.39298	424.4593
#3	.5280616	2.533613	405.8786	15.52650	2.524766	15.49589	423.3396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80599	425.0090	2.526985	1.249550	410.7376	2.642080	15.09464
Stddev	.11045	1.7271	.006262	.001543	1.6855	.022408	.16153
%RSD	.7459549	.4063693	.2478225	.1234710	.4103512	.8481192	1.070105

#1	14.77558	426.9996	2.519920	1.251279	410.9376	2.667911	15.26553
#2	14.71393	424.1194	2.529184	1.249060	408.9611	2.630456	15.07390
#3	14.92845	423.9081	2.531852	1.248312	412.3142	2.627872	14.94448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.6157	5.432980	5.038078	5.077077	5.319430	5.100295	5.121852
Stddev	.6489	.017822	.007639	.012068	.010661	.001425	.013581
%RSD	.4065086	.3280316	.1516278	.2377045	.2004220	.0279325	.2651659

#1	159.4581	5.412414	5.044844	5.063142	5.307757	5.101547	5.106247
#2	159.0602	5.443898	5.029794	5.084020	5.321879	5.098745	5.130998
#3	160.3288	5.442628	5.039596	5.084070	5.328653	5.100593	5.128312

Sample Name: CCV063 Acquired: 5/15/2018 11:31:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.116831	5.211440	5.135643
Stddev	.022721	.004804	.016485
%RSD	.4440429	.0921798	.3209881

#1	5.124505	5.209916	5.125479
#2	5.091266	5.207583	5.126786
#3	5.134721	5.216821	5.154663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.562	1625.265	31445.94	6570.414	2395.015
Stddev	12.113	2.202	138.55	32.340	3.383
%RSD	1.071438	.1354656	.4406005	.4922135	.1412350

#1	1117.011	1624.548	31335.97	6548.175	2394.046
#2	1140.339	1627.735	31601.55	6607.514	2398.776
#3	1134.337	1623.510	31400.30	6555.553	2392.223

Sample Name: CCB063 Acquired: 5/15/2018 11:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002197	.0022849	-.002034	.0011579	.0010717	.0179887	-.001780
Stddev	.002690	.0024856	.001541	.0020900	.0009927	.0104634	.000675
%RSD	122.4310	108.7834	75.73142	180.4915	92.62473	58.16667	37.94585

#1	-.003222	.0026560	-.003796	.0033192	.0000543	.0295695	-.001217
#2	.000855	.0045641	-.000936	-.000853	.0011232	.0151810	-.002529
#3	-.004224	-.000365	-.001372	.001007	.0020377	.0092156	-.001594

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000325	.0000926	.0043818	-.000292	.0000744	-.001365	.0108290
Stddev	.0000778	.0000212	.0129183	.000440	.0001447	.001712	.0126428
%RSD	239.1621	22.86873	294.8183	150.5394	194.3649	125.3721	116.7494

#1	-.000005	.0001169	.0191710	-.000388	.0002150	-.000408	.0243370
#2	-.000020	.0000827	-.004698	.000188	-.000074	-.000346	.0088699
#3	.000122	.0000782	-.001327	-.000677	.000082	-.003342	-.000720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013145	.0454117	.0002230	.0006686	-.190237	.0054057	-.005051
Stddev	.0009662	.0845701	.0003213	.0000687	.198796	.0016677	.002674
%RSD	73.50605	186.2298	144.1021	10.28196	104.4991	30.85072	52.95064

#1	.0021841	.1401168	.0005190	.0006694	.024690	.0041621	-.007963
#2	.0002743	.0186822	-.000119	.0007369	-.367521	.0047541	-.004486
#3	.0014850	-.022564	.000269	.0005994	-.227881	.0073008	-.002704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.100870	-.001442	-.000223	-.000443	-.007478	-.010320	-.000474
Stddev	.056515	.000256	.000901	.000223	.001518	.001609	.001610
%RSD	56.02796	17.77976	404.8231	50.46061	20.30081	15.58683	339.8640

#1	-.091378	-.001169	-.001119	-.000649	-.007027	-.009532	.001050
#2	-.049702	-.001479	.000683	-.000205	-.006237	-.012171	-.002157
#3	-.161531	-.001678	-.000232	-.000475	-.009171	-.009258	-.000314

Sample Name: CCB063 Acquired: 5/15/2018 11:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001047	.0009952	.0000795
Stddev	.001919	.0013855	.0000413
%RSD	183.3110	139.2209	51.91166

#1	.000296	.0023079	.0000867
#2	-.003244	-.000453	.0001166
#3	-.000192	.001131	.0000350

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.791	1975.598	35952.75	6954.608	3323.360
Stddev	8.092	26.298	68.54	32.813	42.086
%RSD	.5933219	1.331156	.1906359	.4718141	1.266364

#1	1364.751	1945.724	36027.40	6951.300	3274.842
#2	1355.263	1985.819	35938.19	6923.575	3350.020
#3	1371.360	1995.252	35892.66	6988.950	3345.217

Sample Name: J2728-09A Acquired: 5/15/2018 12:29:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AM0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029549	.0000776	.0121476	.0034035	.0041921	3.423283	.0372366
Stddev	.0050329	.0003674	.0022501	.0054776	.0019317	.017529	.0007950
%RSD	170.3245	473.4099	18.52266	160.9378	46.07983	.5120484	2.135004

#1	-.001920	-.000302	.0139218	.0065714	.0024586	3.406785	.0380661
#2	.002653	.000432	.0129042	.0065605	.0038432	3.421379	.0371623
#3	.008132	.000103	.0096168	-.002921	.0062744	3.441687	.0364813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001927	.0002096	657.4516	.2795632	-.000771	.0070328	3.033321
Stddev	.0000227	.0000579	3.7433	.0011420	.000077	.0034981	.026256
%RSD	11.76911	27.65061	.5693620	.4085032	9.961322	49.73935	.8655709

#1	.0001665	.0001434	653.9261	.2799367	-.000851	.0110104	3.024831
#2	.0002058	.0002340	657.0485	.2782812	-.000765	.0044352	3.012360
#3	.0002057	.0002514	661.3800	.2804718	-.000698	.0056529	3.062771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601687	47.58864	.0045399	.0010536	64.29679	.0089919	.0962041
Stddev	.0009355	.25358	.0001355	.0004486	.44115	.0017725	.0048065
%RSD	1.554811	.5328589	2.985496	42.57958	.6861184	19.71221	4.996095

#1	.0590896	47.35343	.0044332	.0011764	63.92466	.0070509	.0945769
#2	.0606662	47.55523	.0044941	.0014280	64.78411	.0105247	.1016129
#3	.0607504	47.85727	.0046924	.0005563	64.18160	.0094002	.0924225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.803951	.0242438	.2357780	.0004784	483.4827	27.16752	-.007793
Stddev	.115955	.0004191	.0030621	.0003249	4.6224	.03680	.001671
%RSD	1.317078	1.728777	1.298700	67.91779	.9560712	.1354688	21.43848

#1	8.703099	.0238556	.2338334	.0003947	482.1413	27.20461	-.006778
#2	8.930647	.0241875	.2393076	.0008370	479.6793	27.16694	-.009722
#3	8.778108	.0246882	.2341929	.0002035	488.6275	27.13102	-.006880

Sample Name: J2728-09A Acquired: 5/15/2018 12:29:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0AM0A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1398737	.1107226	10.67868
Stddev	.0160453	.0011001	.06733
%RSD	11.47127	.9935422	.6305392

#1	.1356188	.1101449	10.62731
#2	.1263847	.1100317	10.75491
#3	.1576176	.1119912	10.65382

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.547	1818.984	33861.92	7148.955	2803.863
Stddev	7.244	11.595	118.49	53.202	16.517
%RSD	.5742548	.6374469	.3499064	.7441954	.5890737

#1	1257.579	1821.184	33994.91	7198.799	2799.407
#2	1269.908	1829.322	33767.63	7092.934	2822.151
#3	1257.153	1806.447	33823.21	7155.133	2790.031

Sample Name: CCV064 Acquired: 5/15/2018 12:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.171449	4.936055	24.87615	5.220854	5.212604	418.7533
Stddev	.029055	.032336	.11171	.043113	.042259	.9098
%RSD	.5618437	.6550967	.4490661	.8257923	.8106996	.2172586

#1	5.161194	4.906969	24.85854	5.190364	5.205650	419.7078
#2	5.148912	4.930321	24.77430	5.202017	5.174254	417.8961
#3	5.204242	4.970874	24.99563	5.270180	5.257908	418.6561

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42047	.5138420	2.515529	401.8735	15.30968	2.517745
Stddev	.01410	.0070343	.010927	.7082	.00843	.013226
%RSD	.1352680	1.368966	.4343752	.1762232	.0550755	.5252978

#1	10.43674	.5200497	2.513173	402.0440	15.30996	2.517867
#2	10.41230	.5062016	2.505972	401.0957	15.30112	2.504459
#3	10.41235	.5152746	2.527441	402.4809	15.31797	2.530910

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50892	424.2211	14.52244	421.8585	2.528675	1.244566
Stddev	.04003	.4699	.02162	.8184	.017791	.000030
%RSD	.2581150	.1107722	.1488629	.1940095	.7035729	.0024218

#1	15.46607	424.7139	14.49863	422.7580	2.527568	1.244596
#2	15.54535	423.7781	14.52787	421.1578	2.511463	1.244536
#3	15.51536	424.1714	14.54083	421.6597	2.546993	1.244564

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	411.3661	2.654444	15.40083	160.1207	F 5.617359	4.936393
Stddev	1.2273	.002231	.13953	.5264	.043210	.047614
%RSD	.2983443	.0840642	.9059687	.3287770	.7692174	.9645522

#1	412.0783	2.652953	15.29364	160.4126	5.584888	4.980133
#2	409.9489	2.657009	15.55859	159.5130	5.600788	4.885675
#3	412.0710	2.653369	15.35026	160.4366	5.666402	4.943373

Sample Name: CCV064 Acquired: 5/15/2018 12:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.150366	5.443145	4.996538	5.127361	5.093613	5.266605
Stddev	.036541	.024061	.050429	.040892	.006020	.006833
%RSD	.7094781	.4420503	1.009278	.7975268	.1181812	.1297493

#1	5.141647	5.447399	5.038697	5.109193	5.089688	5.274485
#2	5.118973	5.417240	4.940673	5.098700	5.090607	5.262299
#3	5.190477	5.464796	5.010242	5.174189	5.100543	5.263032

Elem	Sr4077
Units	ppm
Avg	5.167768
Stddev	.008458
%RSD	.1636692

#1	5.169686
#2	5.158516
#3	5.175102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1130.374	1630.929	31710.75	6779.000	2401.719
Stddev	1.690	8.735	46.66	77.191	9.666
%RSD	.1495311	.5355940	.1471462	1.138675	.4024756

#1	1128.886	1627.024	31657.09	6709.455	2399.492
#2	1132.212	1640.936	31741.72	6862.054	2412.304
#3	1130.024	1624.828	31733.45	6765.491	2393.360

Sample Name: CCB064 Acquired: 5/15/2018 12:37:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020068	.0046415	-.000804	-.002379	.0012294	.0033634	-.003439
Stddev	.0024542	.0020772	.001515	.003173	.0015768	.0054104	.000319
%RSD	122.2901	44.75176	188.4992	133.3932	128.2551	160.8616	9.267641

#1	.0015439	.0058328	-.002462	.000864	.0009072	.0089166	-.003560
#2	.0046595	.0022430	-.000454	-.002523	-.000161	.0030654	-.003078
#3	-.000183	.0058487	.000506	-.005477	.002942	-.001892	-.003680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000131	.0000176	-.010412	-.000142	.0001414	-.000586	-.003228
Stddev	.0000436	.0000151	.013238	.000234	.0002230	.003473	.004309
%RSD	332.7057	86.20617	127.1456	164.3803	157.6958	592.6808	133.5023

#1	-.000033	.0000060	-.021568	.000123	.0002931	-.003212	-.008192
#2	.000054	.0000347	.004217	-.000230	.0002456	.003351	-.001050
#3	.000018	.0000119	-.013885	-.000319	-.000115	-.001897	-.000442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006346	.0122945	.0001855	.0011072	-.119707	.0055050	-.004937
Stddev	.0005308	.0284061	.0000142	.0002395	.216226	.0019755	.004645
%RSD	83.64859	231.0474	7.637365	21.62655	180.6296	35.88598	94.10417

#1	.0008631	-.017541	.0002019	.0011477	-.042368	.0036463	.000095
#2	.0010129	.039015	.0001775	.0013239	.047215	.0052893	-.009063
#3	.0000278	.015410	.0001771	.0008501	-.363968	.0075796	-.005842

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3243550	-.001195	-.000027	-.000109	.0276009	-.010454	-.000775
Stddev	.0790385	.000135	.000801	.000108	.0033083	.000809	.001437
%RSD	24.36791	11.33790	2960.529	98.74698	11.98607	7.738971	185.3561

#1	.2476845	-.001248	-.000946	.000012	.0244858	-.011362	-.000558
#2	.4055659	-.001041	.000346	-.000144	.0272435	-.010191	-.002309
#3	.3198146	-.001296	.000519	-.000195	.0310733	-.009810	.000541

Sample Name: CCB064 Acquired: 5/15/2018 12:37:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000189	.0002558	.0000223
Stddev	.001917	.0002408	.0000507
%RSD	1016.179	94.12572	227.7343

#1	.001875	.0004946	.0000731
#2	-.000526	.0002596	-.000028
#3	-.001915	.0000131	.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.321	2007.713	36389.17	7144.542	3369.793
Stddev	4.148	5.814	128.62	60.383	8.094
%RSD	.3015890	.2895750	.3534527	.8451695	.2402012

#1	1372.653	2001.069	36301.69	7177.525	3360.455
#2	1373.211	2011.866	36328.98	7074.850	3374.113
#3	1380.100	2010.205	36536.85	7181.250	3374.810

Sample Name: PB109115BS Acquired: 5/15/2018 12:52:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.0165858	.0516118	.0199323	.0685471	.1184664	.4234681
Stddev	.0046600	.0038343	.0009428	.0032943	.0031830	.0135769
%RSD	28.09661	7.429209	4.729752	4.805934	2.686817	3.206129

#1	.0169144	.0489306	.0200007	.0677756	.1190546	.4245715
#2	.0117702	.0499011	.0189572	.0657069	.1150303	.4093732
#3	.0210729	.0560038	.0208390	.0721587	.1213142	.4364597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4051737	.0100166	.0098754	10.22423	.0236540	.0970646
Stddev	.0028424	.0002131	.0000476	.06158	.0018228	.0013479
%RSD	.7015187	2.126955	.4822341	.6022697	7.706256	1.388685

#1	.4084423	.0099966	.0098742	10.29434	.0232873	.0963770
#2	.4037969	.0098142	.0098283	10.19943	.0220425	.0961992
#3	.4032820	.0102389	.0099235	10.17892	.0256324	.0986177

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545838	F .3025442	.0325069	10.00438	.0812766	.0205106
Stddev	.0009136	.0060379	.0009974	.05372	.0006936	.0015983
%RSD	1.673767	1.995702	3.068322	.5369622	.8533948	7.792672

#1	.0547399	.3081619	.0332451	10.01743	.0810585	.0205557
#2	.0536022	.2961594	.0313722	9.94534	.0807182	.0188902
#3	.0554093	.3033111	.0329034	10.05038	.0820530	.0220859

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.499697	.1121675	.1234457	8.369957	F .0039005	F .0132006
Stddev	.233134	.0037018	.0055229	.073543	.0003307	.0006850
%RSD	2.454121	3.300211	4.473934	.8786514	8.479362	5.189103

#1	9.446764	.1143209	.1174168	8.451674	.0042469	.0127681
#2	9.297582	.1078931	.1246595	8.349104	.0035880	.0139904
#3	9.754747	.1142885	.1282606	8.309092	.0038668	.0128433

Sample Name: PB109115BS Acquired: 5/15/2018 12:52:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	.0218004	.1823236	.1793124	F .0129705	.2030043	.0894687
Stddev	.0007548	.0055663	.0029781	.0014116	.0013760	.0008066
%RSD	3.462130	3.052974	1.660852	10.88342	.6777979	.9015383

#1	.0216944	.1837970	.1800698	.0129747	.2030833	.0902723
#2	.0211042	.1761688	.1760287	.0115568	.2015905	.0886591
#3	.0226025	.1870049	.1818387	.0143801	.2043389	.0894748

Elem	Sr4077
Units	ppm
Avg	.2055930
Stddev	.0002798
%RSD	.1361021

#1	.2056794
#2	.2052801
#3	.2058194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.159	1958.803	34701.24	7163.051	3224.658
Stddev	61.612	25.366	1492.99	22.427	38.761
%RSD	4.702661	1.294962	4.302401	.3130929	1.202019

#1	1342.044	1970.062	35882.89	7180.788	3245.422
#2	1349.294	1976.590	35197.51	7170.523	3248.613
#3	1239.138	1929.756	33023.31	7137.842	3179.939

Sample Name: J2820-01 Acquired: 5/15/2018 12:56:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB422 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2141281	-.012111	1.844573	.0087189	.0141400	108.1413	1.443246
Stddev	.0024038	.001701	.043776	.0016449	.0026037	.4321	.004364
%RSD	1.122585	14.04546	2.373258	18.86605	18.41371	.3995296	.3024049

#1	.2163302	-.013647	1.894805	.0102313	.0149088	108.3518	1.445373
#2	.2115638	-.010283	1.814560	.0089579	.0112385	107.6443	1.438226
#3	.2144904	-.012404	1.824355	.0069676	.0162728	108.4278	1.446140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091992	.0158980	53.13583	2.906698	.1154592	.5471620	275.2762
Stddev	.0000550	.0007089	.04639	.002919	.0026012	.0019309	1.4672
%RSD	.5981268	4.458990	.0873010	.1004341	2.252951	.3528846	.5329875

#1	.0091900	.0166947	53.18663	2.909241	.1184586	.5458831	275.5535
#2	.0091493	.0156625	53.09572	2.907343	.1138205	.5493831	273.6901
#3	.0092582	.0153369	53.12513	2.903510	.1140987	.5462198	276.5849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.982387	35.92607	.3339864	.0102912	2.199510	.3474230	2.477790
Stddev	.027976	.24633	.0087478	.0001774	.158469	.0020084	.024782
%RSD	.5614917	.6856497	2.619216	1.723643	7.204728	.5780820	1.000180

#1	5.014687	36.02099	.3440866	.0102931	2.250236	.3480887	2.453132
#2	4.965850	35.64640	.3290572	.0101129	2.326406	.3451663	2.477544
#3	4.966623	36.11081	.3288155	.0104677	2.021889	.3490140	2.502695

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74691	1.241203	.0165374	.0080254	4.592053	13.78835	.2640561
Stddev	.04171	.037571	.0016065	.0001878	.140995	.06226	.0054660
%RSD	.2828265	3.027018	9.714083	2.339760	3.070417	.4515575	2.070022

#1	14.73030	1.284586	.0180446	.0082234	4.754019	13.85952	.2703090
#2	14.71607	1.219353	.0148474	.0080031	4.496760	13.76163	.2616737
#3	14.79437	1.219669	.0167202	.0078499	4.525380	13.74391	.2601856

Sample Name: J2820-01 Acquired: 5/15/2018 12:56:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB422 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.154145	.1441903	.2777191
Stddev	.014691	.0018370	.0006926
%RSD	.4657589	1.274009	.2493833

#1	3.167561	.1461883	.2783917
#2	3.138447	.1438080	.2770081
#3	3.156427	.1425745	.2777575

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.429	2093.227	39030.46	7989.724	2939.675
Stddev	6.925	37.560	122.47	32.911	60.872
%RSD	.4791038	1.794370	.3137789	.4119141	2.070715

#1	1441.789	2049.878	39158.83	7951.752	2869.395
#2	1441.084	2116.086	39017.66	8007.387	2975.764
#3	1453.416	2113.717	38914.90	8010.032	2973.867

Sample Name: J2820-02 Acquired: 5/15/2018 13:00:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB422D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2198559	-.021019	1.815848	.0117280	.0143496	107.2655	1.435465
Stddev	.0029122	.004439	.002519	.0041857	.0022828	.3019	.003562
%RSD	1.324603	21.11708	.1387441	35.69012	15.90829	.2814046	.2481594

#1	.2167217	-.021552	1.818749	.0165574	.0134466	107.4139	1.432350
#2	.2224783	-.025167	1.814211	.0094805	.0126564	107.4644	1.439349
#3	.2203678	-.016338	1.814584	.0091461	.0169457	106.9182	1.434696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090434	.0156183	52.82739	2.898853	.1140895	.5458777	273.2889
Stddev	.0001337	.0001469	.14919	.004170	.0005590	.0009602	1.2321
%RSD	1.477967	.9406324	.2824029	.1438434	.4899336	.1758931	.4508556

#1	.0091891	.0155242	52.70388	2.894071	.1147127	.5466594	274.0649
#2	.0090149	.0155431	52.78513	2.901727	.1139235	.5461677	273.9336
#3	.0089264	.0157876	52.99314	2.900762	.1136324	.5448059	271.8681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.954314	35.63574	.3279011	.0099300	2.047650	.3446060	2.466815
Stddev	.026305	.24550	.0011584	.0002474	.120012	.0022187	.019312
%RSD	.5309434	.6889043	.3532895	2.491573	5.860951	.6438364	.7828812

#1	4.936986	35.79428	.3265750	.0097243	1.986965	.3462049	2.466495
#2	4.941373	35.75999	.3287160	.0102046	1.970100	.3420729	2.486285
#3	4.984582	35.35296	.3284123	.0098611	2.185885	.3455400	2.447664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62270	1.227189	.0148425	.0080278	4.501603	13.69006	.2586594
Stddev	.02288	.001573	.0038078	.0003306	.020582	.04408	.0016083
%RSD	.1564993	.1282160	25.65464	4.118879	.4572166	.3219979	.6217974

#1	14.63965	1.225395	.0144627	.0076474	4.518190	13.70514	.2568362
#2	14.63179	1.228336	.0188260	.0081890	4.478569	13.64042	.2592646
#3	14.59667	1.227835	.0112389	.0082469	4.508051	13.72463	.2598773

Sample Name: J2820-02 Acquired: 5/15/2018 13:00:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB422D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.127762	.1439532	.2759520
Stddev	.012354	.0005465	.0001061
%RSD	.3949655	.3796072	.0384493

#1	3.123954	.1445563	.2758452
#2	3.141571	.1438123	.2760574
#3	3.117761	.1434910	.2759533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1457.360	2122.685	39229.83	8078.777	2980.292
Stddev	7.270	6.317	74.95	33.293	1.459
%RSD	.4988544	.2975983	.1910657	.4121075	.0489514

#1	1453.418	2115.420	39154.65	8040.435	2978.878
#2	1452.912	2125.756	39230.29	8100.369	2981.792
#3	1465.750	2126.880	39304.56	8095.528	2980.207

Sample Name: J2820-03 Acquired: 5/15/2018 13:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB422S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3100999	.0830210	2.155567	.0281729	.0656848	126.1757	5.599089
Stddev	.0114996	.0032381	.075758	.0035961	.0019417	.1421	.013847
%RSD	3.708338	3.900361	3.514505	12.76437	2.956007	.1126279	.2473053

#1	.3035378	.0856259	2.116051	.0317405	.0639058	126.1577	5.601597
#2	.3233781	.0840416	2.242912	.0245490	.0677560	126.3259	5.584159
#3	.3033838	.0793956	2.107737	.0282293	.0653926	126.0434	5.611510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037426	.1261388	58.62409	4.263404	1.215931	1.104015	306.8176
Stddev	.0004694	.0043421	.19711	.009144	.038606	.009246	1.5414
%RSD	.4524529	3.442296	.3362282	.2144881	3.175025	.8375175	.5023813

#1	.1037433	.1231552	58.64528	4.258010	1.194844	1.095193	307.0922
#2	.1042116	.1311201	58.41723	4.273962	1.260488	1.103217	308.2032
#3	.1032728	.1241410	58.80974	4.258239	1.192461	1.113634	305.1573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.432503	40.01566	1.477273	.0996386	2.728961	1.410780	3.710504
Stddev	.024889	.21153	.048251	.0006487	.305274	.007749	.023791
%RSD	.3869264	.5286156	3.266218	.6510946	11.18646	.5492703	.6411909

#1	6.440691	39.90597	1.448415	.1000756	3.006643	1.418023	3.728045
#2	6.404552	40.25950	1.532976	.0999471	2.778168	1.411707	3.720045
#3	6.452267	39.88150	1.450427	.0988932	2.402073	1.402609	3.683423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.11240	1.408139	.0243501	.0093042	5.102103	10.46389	.3347815
Stddev	.06094	.046664	.0025074	.0003471	.166609	.04160	.0102310
%RSD	.3561445	3.313908	10.29743	3.730848	3.265491	.3975302	3.056026

#1	17.06977	1.385383	.0272235	.0090120	5.000827	10.45575	.3296182
#2	17.18220	1.461815	.0226052	.0096879	5.294395	10.50896	.3465653
#3	17.08522	1.377217	.0232218	.0092126	5.011087	10.42697	.3281611

Sample Name: J2820-03 Acquired: 5/15/2018 13:04:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB422S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.367401	.1646798	.3111165
Stddev	.004185	.0007942	.0001981
%RSD	.1242892	.4822779	.0636635

#1	3.362594	.1643640	.3108901
#2	3.369365	.1655834	.3112014
#3	3.370243	.1640921	.3112579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1440.225	2083.189	39138.24	8055.239	2878.585
Stddev	7.945	48.921	148.07	16.029	77.991
%RSD	.5516566	2.348390	.3783352	.1989895	2.709353

#1	1431.053	2107.910	38993.45	8040.197	2922.137
#2	1444.981	2026.841	39131.88	8053.418	2788.545
#3	1444.642	2114.818	39289.39	8072.100	2925.073

Sample Name: J2820-01LX5 Acquired: 5/15/2018 13:08:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB422L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513685	-.001192	.3644148	.0001528	.0040441	23.00066	.3121985
Stddev	.0064925	.003802	.0017801	.0009789	.0018857	.03416	.0005121
%RSD	12.63902	318.9773	.4884879	640.8357	46.62863	.1485388	.1640388

#1	.0545456	-.001412	.3662826	.0012800	.0038106	22.96121	.3124872
#2	.0556607	.002715	.3627378	-.000484	.0060357	23.02040	.3125010
#3	.0438994	-.004879	.3642239	-.000338	.0022860	23.02036	.3116072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021088	.0029097	11.59655	.6457427	.0223121	.1208737	60.27788
Stddev	.0000759	.0000572	.06045	.0010237	.0002482	.0044632	.22026
%RSD	3.599458	1.964832	.5213124	.1585225	1.112389	3.692430	.3654155

#1	.0020232	.0029672	11.58371	.6451772	.0221170	.1193650	60.05679
#2	.0021356	.0028528	11.54354	.6451266	.0225914	.1173604	60.27954
#3	.0021677	.0029090	11.66239	.6469243	.0222278	.1258957	60.49731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104120	7.708486	.0650150	.0024959	.5019800	.0791560	.5192722
Stddev	.006224	.061371	.0003767	.0002442	.4028839	.0046722	.0030808
%RSD	.5637052	.7961460	.5793494	9.783813	80.25896	5.902475	.5932866

#1	1.103862	7.658949	.0649252	.0023024	.4422840	.0804815	.5226401
#2	1.110469	7.777140	.0646914	.0027703	.9313811	.0830222	.5185801
#3	1.098029	7.689370	.0654285	.0024151	.1322748	.0739643	.5165963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.196895	.2411671	-.003755	.0015403	.8931487	3.130776	.0509329
Stddev	.069853	.0012978	.000370	.0002819	.0083697	.013530	.0004394
%RSD	2.185033	.5381223	9.850624	18.30342	.9370977	.4321690	.8627098

#1	3.122274	.2422148	-.003800	.0014932	.8873372	3.124396	.0512741
#2	3.207689	.2397154	-.003365	.0018428	.9027418	3.121616	.0510874
#3	3.260723	.2415712	-.004101	.0012848	.8893670	3.146317	.0504371

Sample Name: J2820-01LX5 Acquired: 5/15/2018 13:08:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB422L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6795396	.0294836	.0603047
Stddev	.0044778	.0004342	.0002508
%RSD	.6589512	1.472729	.4159420

#1	.6796926	.0289828	.0603049
#2	.6839389	.0297546	.0605554
#3	.6749872	.0297135	.0600538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.197	2030.744	36862.98	7436.075	3216.493
Stddev	2.040	6.437	52.92	26.694	7.243
%RSD	.1475899	.3169891	.1435496	.3589796	.2251915

#1	1381.032	2029.464	36808.30	7455.800	3215.125
#2	1381.006	2037.726	36913.94	7446.725	3224.322
#3	1384.552	2025.044	36866.70	7405.700	3210.031

Sample Name: J2820-04 Acquired: 5/15/2018 13:12:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB423 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1311784	-.015546	1.793382	.0068496	.0115070	91.27589	1.277438
Stddev	.0038315	.000596	.036943	.0053921	.0004577	.39372	.001748
%RSD	2.920821	3.831173	2.059937	78.72199	3.977221	.4313556	.1367989

#1	.1322935	-.015085	1.773072	.0127765	.0115513	90.84210	1.278521
#2	.1343286	-.015336	1.836024	.0055382	.0119408	91.37494	1.275422
#3	.1269131	-.016219	1.771050	.0022341	.0110287	91.61064	1.278370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082993	.0147261	59.62453	3.034026	.0998743	.4338878	265.6300
Stddev	.0000282	.0005416	.13922	.006950	.0023459	.0064140	2.9677
%RSD	.3400626	3.677649	.2334961	.2290766	2.348833	1.478272	1.117219

#1	.0082743	.0145382	59.72915	3.026061	.0983699	.4343210	262.4411
#2	.0083299	.0153366	59.46652	3.037157	.1025774	.4272682	266.1379
#3	.0082936	.0143035	59.67794	3.038861	.0986757	.4400743	268.3109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.515328	32.81925	.3177253	.0089007	2.181807	.3265029	1.879351
Stddev	.020699	.43135	.0062069	.0003366	.077908	.0056357	.002592
%RSD	.4584129	1.314329	1.953553	3.781439	3.570799	1.726076	.1379046

#1	4.538578	32.38320	.3145583	.0085214	2.093368	.3208599	1.876715
#2	4.508500	32.82880	.3248769	.0091639	2.240295	.3321313	1.879445
#3	4.498906	33.24575	.3137407	.0090168	2.211757	.3265175	1.881896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.70121	.7572500	.0176981	.0074788	3.093633	13.69009	.2395490
Stddev	.03088	.0114305	.0041955	.0002189	.048987	.04420	.0047813
%RSD	.2638916	1.509476	23.70619	2.927500	1.583488	.3228291	1.995978

#1	11.71194	.7483250	.0138078	.0072967	3.082847	13.64176	.2342994
#2	11.66640	.7701336	.0171429	.0077217	3.147114	13.70007	.2436545
#3	11.72530	.7532914	.0221436	.0074180	3.050937	13.72844	.2406931

Sample Name: J2820-04 Acquired: 5/15/2018 13:12:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB423 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.840648	.1280483	.2730674
Stddev	.012233	.0006673	.0002819
%RSD	.4306306	.5211586	.1032399

#1	2.826619	.1273428	.2732974
#2	2.846236	.1286694	.2727529
#3	2.849088	.1281328	.2731518

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.872	2081.642	38612.43	7951.740	2964.871
Stddev	1.196	27.951	101.74	30.146	49.332
%RSD	.0834726	1.342752	.2634811	.3791158	1.663884

#1	1431.519	2096.420	38655.41	7980.371	2993.805
#2	1433.310	2049.404	38685.62	7954.573	2907.909
#3	1433.788	2099.103	38496.26	7920.278	2992.898

Sample Name: J2820-05 Acquired: 5/15/2018 13:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB437 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544567	-.023087	.9810847	.0072719	.0143251	155.4336	1.119348
Stddev	.0030732	.006615	.0079122	.0019912	.0038391	.6382	.004619
%RSD	5.643349	28.65283	.8064780	27.38248	26.79960	.4105649	.4126087

#1	.0509641	-.028981	.9885546	.0093296	.0185781	156.1544	1.122172
#2	.0567468	-.024348	.9727941	.0071315	.0111158	155.2055	1.121854
#3	.0556593	-.015932	.9819052	.0053545	.0132815	154.9408	1.114018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130397	.0117204	19.75704	2.172021	.1620952	1.513968	306.0604
Stddev	.0000561	.0003183	.07012	.033600	.0021421	.003588	1.9306
%RSD	.4302175	2.715384	.3549225	1.546964	1.321539	.2370006	.6308034

#1	.0130205	.0120577	19.83705	2.142785	.1644916	1.518016	308.2871
#2	.0131029	.0116782	19.72776	2.208728	.1603662	1.512710	304.8541
#3	.0129957	.0114254	19.70630	2.164548	.1614279	1.511179	305.0400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.281038	32.82391	.2906501	.0056267	1.911071	.4681618	1.058625
Stddev	.023413	.16543	.0027445	.0007889	.089795	.0056266	.030581
%RSD	.3727499	.5039794	.9442485	14.02032	4.698650	1.201839	2.888733

#1	6.254041	32.99421	.2932521	.0062637	1.926063	.4745057	1.033525
#2	6.295780	32.81368	.2877825	.0047443	1.814724	.4662038	1.092685
#3	6.293292	32.66383	.2909159	.0058721	1.992426	.4637758	1.049664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.68136	.9505342	-.002664	.0060731	2.691542	14.25563	.1138339
Stddev	.09014	.0121709	.005925	.0002117	.014609	.12837	.0020326
%RSD	.7716682	1.280426	222.4212	3.486504	.5427649	.9004778	1.785587

#1	11.78103	.9645873	.001716	.0061352	2.708391	14.29214	.1161130
#2	11.60555	.9436228	-.009406	.0062469	2.683829	14.36179	.1122088
#3	11.65749	.9433924	-.000302	.0058373	2.682406	14.11296	.1131799

Sample Name: J2820-05 Acquired: 5/15/2018 13:16:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB437 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.374185	.1471322	.1354406
Stddev	.010217	.0004426	.0000985
%RSD	.3027983	.3008118	.0726973

#1	3.385304	.1472391	.1355525
#2	3.372040	.1475115	.1354022
#3	3.365210	.1466459	.1353672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.847	2439.972	44441.31	9348.342	2943.392
Stddev	22.955	19.855	473.18	35.021	28.675
%RSD	1.380468	.8137376	1.064723	.3746272	.9742201

#1	1680.214	2417.103	44860.04	9308.025	2910.330
#2	1636.822	2450.006	43927.98	9365.774	2961.486
#3	1671.504	2452.808	44535.90	9371.226	2958.360

Sample Name: J2820-06 Acquired: 5/15/2018 13:20:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB438 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469038	-.024057	1.055984	.0092434	.0094265	144.3207	1.165141
Stddev	.0022905	.001532	.002923	.0008896	.0023112	.5274	.002733
%RSD	4.883432	6.367751	.2767684	9.624042	24.51754	.3654595	.2345357

#1	.0490413	-.025693	1.059317	.0094238	.0106586	143.7121	1.162395
#2	.0471839	-.022656	1.054774	.0100289	.0108606	144.6053	1.165167
#3	.0444861	-.023822	1.053860	.0082774	.0067604	144.6447	1.167860

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130162	.0107788	9.496247	.6023752	.1602506	.2487767	288.2367
Stddev	.0000361	.0001673	.055900	.0238150	.0005957	.0022756	1.2711
%RSD	.2773831	1.552448	.5886542	3.953508	.3717565	.9147232	.4409916

#1	.0130074	.0105887	9.469598	.5846687	.1606789	.2474063	287.1508
#2	.0130558	.0108441	9.560485	.6294496	.1605025	.2475203	289.6348
#3	.0129852	.0109037	9.458658	.5930072	.1595702	.2514036	287.9244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.786381	27.44205	.2703013	.0048495	1.556829	.4185492	.8033156
Stddev	.038492	.04876	.0005805	.0005845	.119568	.0061334	.0174808
%RSD	.5671999	.1776692	.2147722	12.05295	7.680249	1.465402	2.176079

#1	6.774631	27.38594	.2707143	.0052014	1.663735	.4120763	.7986678
#2	6.755133	27.47411	.2696375	.0041748	1.579038	.4192967	.8226505
#3	6.829379	27.46610	.2705519	.0051724	1.427713	.4242747	.7886284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.753809	.7642660	-.022693	.0056651	1.444881	14.25629	.2389542
Stddev	.092112	.0047874	.001642	.0001675	.003142	.09781	.0007642
%RSD	1.187961	.6264065	7.233525	2.957441	.2174834	.6860668	.3198107

#1	7.647585	.7590584	-.021661	.0054735	1.443271	14.16345	.2396385
#2	7.802219	.7684760	-.024586	.0057844	1.448502	14.35841	.2381296
#3	7.811622	.7652637	-.021833	.0057373	1.442870	14.24700	.2390944

Sample Name: J2820-06 Acquired: 5/15/2018 13:20:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB438 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.957936	.1298895	.1079753
Stddev	.014788	.0006601	.0002068
%RSD	.4999386	.5082276	.1914929

#1	2.940941	.1293735	.1077835
#2	2.967864	.1306334	.1079482
#3	2.965004	.1296616	.1081943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.052	2525.630	44914.01	9459.144	2998.469
Stddev	47.845	6.414	1351.57	18.876	4.387
%RSD	2.830964	.2539496	3.009245	.1995572	.1463223

#1	1721.021	2533.024	45928.43	9479.885	2994.526
#2	1634.947	2521.559	43379.69	9442.971	2997.686
#3	1714.188	2522.309	45433.91	9454.577	3003.196

Sample Name: J2820-07 Acquired: 5/15/2018 13:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB439 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516543	-.010149	.5162041	.0025523	.0136650	111.2064	.7630600
Stddev	.0047110	.000585	.0121529	.0041907	.0023534	.3186	.0022149
%RSD	9.120224	5.761447	2.354287	164.1958	17.22228	.2865087	.2902707

#1	.0510657	-.010780	.5299614	.0050281	.0163225	111.5205	.7629275
#2	.0566319	-.010041	.5069283	-.002286	.0118446	110.8834	.7609143
#3	.0472652	-.009625	.5117227	.004915	.0128278	111.2153	.7653382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087975	.0076282	14.94195	3.010798	.1100720	.2049375	253.2395
Stddev	.0000245	.0001848	.05186	.011362	.0029484	.0030585	1.4636
%RSD	.2781470	2.421998	.3470451	.3773586	2.678598	1.492418	.5779497

#1	.0087725	.0078367	14.98790	3.001318	.1134765	.2033602	254.9144
#2	.0088215	.0075630	14.88573	3.007685	.1083550	.2029896	252.2070
#3	.0087984	.0074849	14.95223	3.023392	.1083846	.2084627	252.5970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.032002	25.81485	.2462310	.0033719	2.608205	.3219619	.9667950
Stddev	.005448	.31458	.0069220	.0009793	.037513	.0037292	.0122137
%RSD	.1351199	1.218603	2.811201	29.04327	1.438272	1.158277	1.263316

#1	4.025967	26.16443	.2542114	.0044782	2.574197	.3246733	.9526940
#2	4.033482	25.55459	.2418531	.0030213	2.601974	.3235034	.9740549
#3	4.036557	25.72552	.2426287	.0026161	2.648443	.3177091	.9736363

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.30639	.5424778	.0069088	.0045080	1.124211	15.33328	.0377042
Stddev	.02509	.0121604	.0041172	.0002658	.034327	.04483	.0031986
%RSD	.2038712	2.241630	59.59374	5.897342	3.053417	.2923935	8.483354

#1	12.31078	.5564836	.0106628	.0047064	1.163390	15.38048	.0413967
#2	12.27939	.5346079	.0075580	.0042060	1.109825	15.29126	.0359319
#3	12.32899	.5363419	.0025056	.0046118	1.099418	15.32811	.0357842

Sample Name: J2820-07 Acquired: 5/15/2018 13:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB439 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.248181	.1285952	.1698058
Stddev	.004119	.0006472	.0003121
%RSD	.1268051	.5032705	.1838099

#1	3.252915	.1293385	.1701528
#2	3.246205	.1281569	.1695479
#3	3.245422	.1282902	.1697168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.229	2111.488	39141.35	8034.639	2968.865
Stddev	2.309	43.696	136.41	35.007	66.745
%RSD	.1581084	2.069448	.3484997	.4356949	2.248176

#1	1462.253	2061.579	39059.13	8008.946	2891.979
#2	1460.721	2142.856	39298.81	8074.511	3011.929
#3	1457.715	2130.031	39066.12	8020.459	3002.687

Sample Name: J2820-08 Acquired: 5/15/2018 13:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB440 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597376	-.028320	1.953743	.0125286	.0117746	182.7692	1.509528
Stddev	.0030613	.006583	.022134	.0063747	.0012576	.4140	.003600
%RSD	5.124539	23.24331	1.132901	50.88135	10.68087	.2265412	.2385167

#1	.0618566	-.021148	1.948108	.0146555	.0104155	182.7152	1.508228
#2	.0611283	-.029727	1.934971	.0053624	.0120111	182.3848	1.506758
#3	.0562278	-.034086	1.978150	.0175680	.0128972	183.2076	1.513598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152687	.0140975	39.42445	2.137077	.1732698	.3562914	319.5158
Stddev	.0002060	.0001449	.22862	.040732	.0017141	.0019194	.9949
%RSD	1.349228	1.027656	.5798861	1.905962	.9892829	.5387126	.3113722

#1	.0151897	.0139417	39.24311	2.183612	.1717383	.3551824	319.8086
#2	.0151139	.0141227	39.34898	2.119721	.1729497	.3585078	318.4074
#3	.0155025	.0142281	39.68126	2.107898	.1751214	.3551841	320.3315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.399981	46.46594	.3621114	.0045407	2.377288	.4961278	1.502127
Stddev	.029346	.14072	.0031662	.0007409	.034285	.0046487	.028542
%RSD	.3965705	.3028390	.8743755	16.31565	1.442207	.9369968	1.900123

#1	7.373307	46.57802	.3605338	.0036901	2.408946	.4910307	1.526206
#2	7.395221	46.30802	.3600440	.0048870	2.382047	.4972185	1.509576
#3	7.431417	46.51179	.3657565	.0050450	2.340872	.5001342	1.470599

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.20720	1.075010	-.007376	.0069167	2.972042	15.59374	.0876633
Stddev	.07484	.020407	.007577	.0003148	.043414	.13235	.0023587
%RSD	.3896447	1.898284	102.7228	4.551779	1.460731	.8487366	2.690625

#1	19.13219	1.057907	-.009859	.0066238	2.935549	15.62733	.0858312
#2	19.28187	1.069523	.001131	.0068767	2.960524	15.44783	.0868342
#3	19.20755	1.097599	-.013400	.0072496	3.020053	15.70606	.0903246

Sample Name: J2820-08 Acquired: 5/15/2018 13:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB440 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.164643	.1790565	.2176681
Stddev	.005591	.0004576	.0003320
%RSD	.1342450	.2555911	.1525319

#1	4.158377	.1790789	.2173750
#2	4.166432	.1785881	.2176005
#3	4.169120	.1795026	.2180286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.617	2419.781	43860.62	9224.391	2865.783
Stddev	25.985	9.446	613.59	68.410	19.798
%RSD	1.582902	.3903812	1.398949	.7416164	.6908259

#1	1612.310	2421.525	43166.81	9235.249	2880.020
#2	1650.701	2428.234	44083.16	9286.722	2874.155
#3	1661.841	2409.584	44331.89	9151.202	2843.175

Sample Name: J2820-09 Acquired: 5/15/2018 13:32:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB441 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643216	-.035412	1.709339	.0121793	.0120274	204.2218	1.776342
Stddev	.0051972	.001500	.003016	.0048871	.0039054	2.6853	.016965
%RSD	8.079974	4.236543	.1764481	40.12619	32.47041	1.314912	.9550620

#1	.0702679	-.033681	1.707072	.0068711	.0143330	202.5582	1.769020
#2	.0620497	-.036237	1.708184	.0131747	.0075183	207.3197	1.795739
#3	.0606471	-.036319	1.712762	.0164920	.0142310	202.7874	1.764267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159375	.0178081	74.56609	2.282017	.1914976	.4313346	362.1402
Stddev	.0001060	.0001265	.80784	.003601	.0002903	.0047746	5.8267
%RSD	.6651027	.7101095	1.083390	.1578003	.1516113	1.106927	1.608958

#1	.0158213	.0179166	74.06227	2.281093	.1918144	.4258215	358.1960
#2	.0160290	.0176693	75.49788	2.278968	.1912442	.4341205	368.8328
#3	.0159620	.0178386	74.13813	2.285990	.1914342	.4340617	359.3919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.864410	66.87824	.4079461	.0063894	2.790673	.5580023	1.687542
Stddev	.095157	1.24072	.0027208	.0003822	.122130	.0041914	.022007
%RSD	1.209970	1.855190	.6669606	5.981197	4.376356	.7511358	1.304102

#1	7.794975	65.89610	.4062701	.0066407	2.738270	.5560808	1.663460
#2	7.972876	68.27260	.4064828	.0065778	2.930260	.5628100	1.706610
#3	7.825377	66.46602	.4110855	.0059496	2.703490	.5551163	1.692555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.00719	1.069105	.0014617	.0081279	3.117624	18.18947	.1000268
Stddev	.36240	.004225	.0062210	.0003469	.023842	.21112	.0017831
%RSD	1.449164	.3951672	425.5989	4.267402	.7647595	1.160694	1.782647

#1	24.82182	1.073609	-.000936	.0079712	3.141364	18.03790	.0979712
#2	25.42478	1.065230	.008525	.0085254	3.093681	18.43061	.1009513
#3	24.77499	1.068476	-.003203	.0078870	3.117827	18.09990	.1011578

Sample Name: J2820-09 Acquired: 5/15/2018 13:32:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB441 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.110482	.2236415	.3259923
Stddev	.059126	.0033648	.0039562
%RSD	1.156946	1.504530	1.213585

#1	5.063066	.2225622	.3237098
#2	5.176730	.2274135	.3305605
#3	5.091650	.2209488	.3237065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.408	2397.543	44056.98	9165.975	2833.526
Stddev	6.077	4.314	92.03	103.817	4.534
%RSD	.3699990	.1799407	.2088954	1.132631	.1600226

#1	1648.597	2398.323	44073.34	9247.550	2830.864
#2	1636.450	2401.414	44139.74	9049.115	2838.762
#3	1642.176	2392.892	43957.87	9201.260	2830.952

Sample Name: J2820-10 Acquired: 5/15/2018 13:36:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB450 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007958	-.003265	.0172186	.0097606	.0182997	4.780083	.0562714
Stddev	.000736	.001702	.0018930	.0013066	.0002923	.397804	.0047167
%RSD	9.249426	52.13054	10.99377	13.38704	1.597066	8.322121	8.382049

#1	-.008769	-.001312	.0150674	.0083907	.0184686	5.237884	.0616953
#2	-.007774	-.004055	.0186298	.0109931	.0179622	4.583774	.0539875
#3	-.007332	-.004429	.0179587	.0098979	.0184683	4.518591	.0531314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010868	.0003054	2.529991	7.974802	.0195210	.0366643	86.83542
Stddev	.0000357	.0003357	.205065	.022465	.0000629	.0006055	6.97036
%RSD	3.281032	109.9059	8.105375	.2817056	.3220892	1.651557	8.027097

#1	.0010511	-.000076	2.766227	7.998313	.0194491	.0361412	94.86837
#2	.0011224	.000437	2.425872	7.953553	.0195477	.0373276	83.25454
#3	.0010870	.000556	2.397873	7.972540	.0195661	.0365240	82.38335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5832140	1.620963	.0663162	.0015738	.5979062	.0262079	.0818466
Stddev	.0514765	.107773	.0002674	.0005960	.1347746	.0029697	.0040013
%RSD	8.826339	6.648720	.4031752	37.87012	22.54109	11.33115	4.888816

#1	.6424210	1.743912	.0665451	.0022555	.6356615	.0237607	.0833911
#2	.5581629	1.576154	.0660223	.0013145	.7097768	.0295117	.0773032
#3	.5490582	1.542823	.0663811	.0011513	.4482804	.0253512	.0848455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3989078	.0227006	-.009823	.0030830	.2472053	3.268486	.0002118
Stddev	.2125451	.0008555	.000477	.0001506	.0021737	.245130	.0005747
%RSD	53.28177	3.768752	4.858281	4.884298	.8793060	7.499792	271.3568

#1	.6391850	.0223971	-.010332	.0032476	.2489444	3.547209	.0001567
#2	.2354611	.0220381	-.009750	.0030491	.2479030	3.171831	.0008121
#3	.3220773	.0236665	-.009386	.0029522	.2447684	3.086419	-.000333

Sample Name: J2820-10 Acquired: 5/15/2018 13:36:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB450 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1217007	.0047520	.0133485
Stddev	.0090653	.0006466	.0010199
%RSD	7.448812	13.60635	7.640731

#1	.1318802	.0054875	.0145244
#2	.1187236	.0042729	.0128176
#3	.1144984	.0044958	.0127036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.217	1978.842	36630.97	7028.792	3266.614
Stddev	1.900	4.473	64.06	613.313	3.746
%RSD	.1409958	.2260581	.1748772	8.725721	.1146872

#1	1349.294	1983.244	36558.34	6322.675	3267.973
#2	1346.789	1978.979	36679.45	7334.925	3269.491
#3	1345.568	1974.301	36655.11	7428.775	3262.377

Sample Name: J2820-11 Acquired: 5/15/2018 13:40:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB451 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2134709	-.015883	1.735198	.0120045	.0125563	102.5879	1.372373
Stddev	.0086067	.002311	.065730	.0029682	.0015713	.3010	.001790
%RSD	4.031804	14.55332	3.788052	24.72590	12.51433	.2934307	.1304506

#1	.2202357	-.016934	1.811096	.0088632	.0140622	102.4331	1.372438
#2	.2037835	-.017481	1.697255	.0123878	.0109268	102.3957	1.370552
#3	.2163936	-.013232	1.697242	.0147624	.0126800	102.9348	1.374131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086944	.0155113	51.08045	2.742546	.1113412	.5213985	261.2247
Stddev	.0001239	.0008022	.12685	.003912	.0045878	.0044336	1.2133
%RSD	1.424437	5.171486	.2483286	.1426519	4.120476	.8503287	.4644685

#1	.0088350	.0164281	51.07697	2.746607	.1166308	.5198717	260.5808
#2	.0086471	.0149391	50.95537	2.742228	.1084451	.5179301	260.4692
#3	.0086012	.0151665	51.20900	2.738802	.1089478	.5263938	262.6243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.718802	34.06177	.3190089	.0095790	2.090318	.3353132	2.362158
Stddev	.022716	.16467	.0111731	.0004359	.191952	.0020476	.027404
%RSD	.4813906	.4834463	3.502448	4.550423	9.182930	.6106559	1.160119

#1	4.699289	33.91802	.3318730	.0098128	2.164565	.3376231	2.331474
#2	4.743738	34.02587	.3117251	.0090761	1.872332	.3337212	2.370802
#3	4.713378	34.24144	.3134287	.0098481	2.234058	.3345954	2.384197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.01247	1.211149	.0155911	.0078872	4.358284	17.17840	.2491400
Stddev	.06190	.052229	.0032903	.0005659	.170903	.03999	.0069890
%RSD	.4417449	4.312322	21.10349	7.174641	3.921332	.2328132	2.805240

#1	13.94640	1.270617	.0138771	.0082429	4.553252	17.13822	.2567030
#2	14.06913	1.172727	.0135117	.0081841	4.234370	17.17877	.2429200
#3	14.02188	1.190103	.0193845	.0072347	4.287231	17.21820	.2477969

Sample Name: J2820-11 Acquired: 5/15/2018 13:40:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB451 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.123249	.1356827	.2652540
Stddev	.004726	.0014573	.0007536
%RSD	.1513029	1.074057	.2841048

#1	3.118494	.1360480	.2644669
#2	3.123308	.1340775	.2653263
#3	3.127945	.1369226	.2659689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.722	2086.277	38852.05	8036.317	2934.432
Stddev	7.538	59.312	87.78	33.942	95.326
%RSD	.5192421	2.842978	.2259455	.4223624	3.248532

#1	1459.620	2017.831	38883.96	8074.058	2824.381
#2	1450.940	2118.433	38919.41	8026.599	2987.528
#3	1444.605	2122.567	38752.77	8008.293	2991.387

Sample Name: J2820-12 Acquired: 5/15/2018 13:44:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB452 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2329661	-.017491	2.255193	.0098729	.0162540	120.8183	1.618052
Stddev	.0039529	.002952	.014925	.0014980	.0012986	.1989	.007564
%RSD	1.696780	16.87444	.6618144	15.17247	7.989182	.1646211	.4674492

#1	.2345146	-.014157	2.271709	.0086640	.0177147	120.9171	1.622428
#2	.2359104	-.019768	2.251202	.0115487	.0158171	120.9485	1.622410
#3	.2284734	-.018550	2.242670	.0094059	.0152303	120.5894	1.609318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101278	.0180364	59.38582	3.179870	.1297392	.6190483	304.5000
Stddev	.0001592	.0001367	.13626	.078957	.0016631	.0029950	.2958
%RSD	1.572157	.7581976	.2294425	2.483032	1.281891	.4838017	.0971552

#1	.0099626	.0181943	59.31008	3.128257	.1307467	.6207449	304.8415
#2	.0101407	.0179603	59.54312	3.140589	.1306514	.6155902	304.3203
#3	.0102802	.0179546	59.30425	3.270763	.1278196	.6208098	304.3383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.510920	39.94951	.3682494	.0103192	2.498811	.3900695	2.801892
Stddev	.024134	.23185	.0023988	.0004940	.251010	.0031660	.049138
%RSD	.4379360	.5803534	.6514085	4.786979	10.04516	.8116478	1.753731

#1	5.483893	39.68190	.3709002	.0106658	2.350434	.3871607	2.762895
#2	5.518548	40.07689	.3676201	.0105382	2.357375	.3934416	2.785699
#3	5.530318	40.08975	.3662280	.0097535	2.788624	.3896061	2.857083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.73470	1.415978	.0221649	.0087796	5.104170	17.29446	.2995175
Stddev	.03490	.006268	.0051923	.0000484	.008182	.11479	.0021034
%RSD	.2085413	.4426888	23.42569	.5516286	.1602938	.6637267	.7022548

#1	16.77392	1.422112	.0257863	.0088280	5.110623	17.23173	.3001849
#2	16.72311	1.416241	.0244922	.0087796	5.106920	17.22471	.2971614
#3	16.70708	1.409583	.0162161	.0087311	5.094968	17.42695	.3012063

Sample Name: J2820-12 Acquired: 5/15/2018 13:44:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB452 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.469148	.1617272	.3132328
Stddev	.004992	.0005252	.0002669
%RSD	.1438917	.3247520	.0852205

#1	3.463425	.1612221	.3132064
#2	3.471417	.1622705	.3129801
#3	3.472603	.1616891	.3135120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.709	2150.928	39143.43	8158.569	2961.927
Stddev	20.649	5.549	713.96	16.458	15.470
%RSD	1.427329	.2579602	1.823955	.2017254	.5222900

#1	1466.178	2144.979	39659.60	8177.142	2944.442
#2	1448.897	2151.843	39442.05	8145.796	2967.505
#3	1425.053	2155.963	38328.65	8152.770	2973.834

Sample Name: CCV065 Acquired: 5/15/2018 13:48:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071350	4.994748	24.61954	5.169962	5.135782	407.5389
Stddev	.001780	.057428	.01596	.016893	.002094	.3820
%RSD	.0351015	1.149770	.0648184	.3267449	.0407817	.0937454

#1	5.069307	4.995962	24.60123	5.172226	5.134573	407.8868
#2	5.072571	4.936723	24.62687	5.152051	5.138200	407.1301
#3	5.072170	5.051560	24.63052	5.185608	5.134572	407.5999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27564	.5066294	2.519682	397.3451	15.21971	2.499167
Stddev	.01075	.0050829	.005427	.5880	.15765	.002232
%RSD	.1046179	1.003269	.2153923	.1479776	1.035857	.0892939

#1	10.27311	.5064269	2.515235	396.8734	15.06992	2.496944
#2	10.28743	.5016508	2.518082	397.1580	15.38420	2.501407
#3	10.26638	.5118105	2.525729	398.0038	15.20500	2.499149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13157	410.1760	14.28250	407.6522	2.512401	1.237994
Stddev	.02366	.2268	.04650	.4869	.000904	.019887
%RSD	.1563324	.0553036	.3255695	.1194491	.0359972	1.606386

#1	15.15337	410.1631	14.31391	407.3387	2.513430	1.222971
#2	15.13493	410.4090	14.22908	407.4049	2.511732	1.260546
#3	15.10642	409.9559	14.30451	408.2132	2.512040	1.230464

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.8256	2.566709	15.02836	155.9125	F 5.732555	4.805811
Stddev	.2240	.008532	.19628	.3344	.021438	.018506
%RSD	.0558783	.3323925	1.306093	.2144673	.3739623	.3850733

#1	400.8083	2.576216	14.89585	155.9912	5.728067	4.802959
#2	400.6108	2.564192	15.25386	155.5458	5.713717	4.788896
#3	401.0578	2.559720	14.93538	156.2005	5.755882	4.825577

Sample Name: CCV065 Acquired: 5/15/2018 13:48:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.100926	5.406517	4.888748	5.128153	4.933186	5.137052
Stddev	.006564	.025102	.041600	.010413	.011397	.001234
%RSD	.1286911	.4642924	.8509241	.2030469	.2310304	.0240198

#1	5.093545	5.399127	4.889735	5.130058	4.946253	5.135713
#2	5.103119	5.385939	4.846663	5.116919	4.925296	5.137300
#3	5.106113	5.434484	4.929844	5.137481	4.928009	5.138143

Elem	Sr4077
Units	ppm
Avg	5.060698
Stddev	.007168
%RSD	.1416353

#1	5.066469
#2	5.052674
#3	5.062951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.870	1648.955	31531.70	6824.126	2406.222
Stddev	8.367	2.198	262.58	27.676	2.548
%RSD	.7411834	.1333256	.8327651	.4055581	.1059080

#1	1136.915	1649.300	31759.49	6822.360	2404.740
#2	1120.214	1646.605	31244.50	6852.642	2404.761
#3	1129.482	1650.961	31591.11	6797.375	2409.164

Sample Name: CCB065 Acquired: 5/15/2018 13:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000934	.0038474	-.001236	.0000645	.0006477	.0044029	-.002925
Stddev	.002031	.0019365	.000511	.0040075	.0008078	.0032037	.000965
%RSD	217.5181	50.33162	41.35789	6210.930	124.7179	72.76349	33.00182

#1	-.000853	.0051619	-.000708	.0003527	.0015485	.0013367	-.002786
#2	.001056	.0047566	-.001273	.0039201	.0004070	.0077283	-.003952
#3	-.003004	.0016236	-.001729	-.004079	-.000012	.0041437	-.002037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	.0000530	-.003341	.0000791	-.000026	-.000106	-.004477
Stddev	.000060	.0000145	.002265	.0006348	.000115	.001656	.011330
%RSD	182.7981	27.42675	67.78163	802.3865	438.2469	1560.602	253.0879

#1	-.000082	.0000687	-.005438	.0005390	.000080	.001032	.008439
#2	-.000050	.0000399	-.000940	.0003435	-.000011	-.002006	-.009133
#3	.000034	.0000505	-.003646	-.000645	-.000148	.000655	-.012736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004104	.0277392	.0002064	.0008788	-.411565	.0030881	-.007404
Stddev	.0006764	.0595573	.0003457	.0004319	.103299	.0049748	.004551
%RSD	164.8120	214.7049	167.4784	49.14927	25.09916	161.0970	61.47196

#1	-.000105	.0961965	.0005631	.0004068	-.413634	.0015631	-.004323
#2	.000159	-.012170	-.000127	.0009753	-.307247	-.000946	-.012632
#3	.001176	-.000809	.000183	.0012543	-.513814	.008647	-.005258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3571947	-.001541	-.002090	-.000204	.0064174	-.011532	-.000572
Stddev	.0502905	.000322	.001826	.000311	.0017829	.002115	.000924
%RSD	14.07928	20.86946	87.38695	152.5521	27.78161	18.34356	161.4903

#1	.3588576	-.001883	-.001515	-.000325	.0084196	-.011932	.000493
#2	.4066330	-.001494	-.004134	.000150	.0050016	-.013419	-.001166
#3	.3060934	-.001245	-.000620	-.000437	.0058309	-.009245	-.001044

Sample Name: CCB065 Acquired: 5/15/2018 13:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000727	-.000063	.0000156
Stddev	.000486	.000221	.0000311
%RSD	66.82047	351.0413	199.9136

#1	-.001272	.000117	-.000006
#2	-.000569	.000004	.000002
#3	-.000340	-.000310	.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1340.983	1984.521	35330.92	7027.800	3292.319
Stddev	1.348	9.516	185.69	257.498	17.963
%RSD	.1005061	.4795272	.5255635	3.663997	.5456066

#1	1339.436	1976.364	35138.17	7199.725	3281.374
#2	1341.907	1982.222	35508.63	7151.925	3282.534
#3	1341.605	1994.976	35345.97	6731.750	3313.051

Sample Name: PB109115BL Acquired: 5/15/2018 15:02:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	-.000268	.0022776	-.001056	-.002292	.0013829	.0120921	-.003401
Stddev	.002520	.0008284	.002086	.000739	.0009973	.0058032	.000208
%RSD	941.6309	36.36943	197.5222	32.22184	72.11756	47.99128	6.114079

#1	-.003155	.0029198	-.003464	-.003020	.0002313	.0134884	-.003247
#2	.000860	.0013426	.000168	-.002314	.0019536	.0170698	-.003637
#3	.001491	.0025706	.000129	-.001543	.0019638	.0057182	-.003319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0000638	-.001302	.0003444	-.000085	-.001194	.0076024
Stddev	.000016	.0000314	.010280	.0009312	.000141	.001108	.0195139
%RSD	62.24315	49.18118	789.5344	270.3871	166.6469	92.86394	256.6807

#1	-.000031	.0000533	-.000636	.0001779	.000052	-.000395	.0250392
#2	-.000039	.0000389	.008629	-.000492	-.000076	-.002459	-.013476
#3	-.000008	.0000990	-.011899	.001348	-.000230	-.000727	.011244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008986	.0301288	-.000475	.0008783	-.218975	.0023990	-.006503
Stddev	.0013571	.0583060	.000219	.0004538	.088103	.0066234	.003120
%RSD	151.0308	193.5224	46.06241	51.66475	40.23431	276.0957	47.98320

#1	.0018062	.0425933	-.000650	.0013678	-.255111	.0046657	-.009773
#2	-.000662	.0811946	-.000230	.0004717	-.118549	-.005060	-.003558
#3	.001551	-.033401	-.000545	.0007954	-.283265	.007591	-.006178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.273166	-.001425	-.007224	.0001668	.0141654	-.011748	-.000008
Stddev	.070055	.000332	.001182	.0001231	.0033516	.000595	.000353
%RSD	25.64555	23.33418	16.36834	73.80020	23.66041	5.064577	4601.266

#1	-.347914	-.001201	-.008397	.0001704	.0179813	-.011931	-.000338
#2	-.262574	-.001267	-.007243	.0000419	.0128166	-.012230	-.000048
#3	-.209010	-.001807	-.006032	.0002880	.0116984	-.011083	.000363

Sample Name: PB109115BL Acquired: 5/15/2018 15:02:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) 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	-.001389	-.000386	.0000433
Stddev	.001242	.000055	.0000822
%RSD	89.40504	14.15191	189.9434

#1	-.000539	-.000440	.0001291
#2	-.000813	-.000387	-.000035
#3	-.002814	-.000331	.000036

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1287.414	1991.531	34047.30	7174.808	3264.155
Stddev	57.951	4.156	1495.68	6.767	2.769
%RSD	4.501362	.2086905	4.392953	.0943191	.0848427

#1	1333.828	1988.248	35323.01	7182.600	3262.630
#2	1222.462	1996.204	32401.24	7171.425	3267.352
#3	1305.953	1990.140	34417.66	7170.400	3262.484

Sample Name: CCV066 Acquired: 5/15/2018 15:07:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.125899	5.114339	24.52845	5.210760	5.183918	405.9855
Stddev	.037075	.040914	.14692	.032832	.034156	2.6950
%RSD	.7232938	.7999894	.5989844	.6300807	.6588777	.6638189

#1	5.087376	5.084297	24.41758	5.173696	5.148937	407.3458
#2	5.128988	5.097783	24.47268	5.222390	5.185633	407.7293
#3	5.161333	5.160937	24.69510	5.236194	5.217183	402.8815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39815	.5025985	2.534802	398.2858	15.58753	2.506523
Stddev	.04023	.0038809	.012157	1.1099	.60836	.012555
%RSD	.3868537	.7721707	.4795946	.2786583	3.902864	.5009025

#1	10.44212	.5035186	2.526671	399.4269	15.24270	2.499928
#2	10.38913	.4983402	2.528957	398.2202	15.22992	2.498640
#3	10.36320	.5059366	2.548777	397.2101	16.28996	2.521002

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10399	403.5810	14.12371	399.8735	2.533516	1.264760
Stddev	.08886	4.2052	.08306	4.4238	.011856	.042048
%RSD	.5882979	1.041964	.5880573	1.106299	.4679695	3.324580

#1	15.17371	404.7919	14.21930	401.3402	2.525157	1.238497
#2	15.13432	407.0478	14.08267	403.3777	2.528306	1.242527
#3	15.00394	398.9032	14.06916	394.9027	2.547085	1.313257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.6492	2.557970	15.18778	155.5251	F 5.897412	4.700210
Stddev	2.2085	.024702	.45043	.7711	.040428	.021057
%RSD	.5582004	.9656700	2.965717	.4958089	.6855126	.4480029

#1	396.9552	2.576495	14.99917	156.1878	5.857373	4.722654
#2	396.8932	2.567490	14.86232	155.7087	5.896646	4.680888
#3	393.0993	2.529925	15.70185	154.6788	5.938218	4.697087

Sample Name: CCV066 Acquired: 5/15/2018 15:07:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.149911	5.526300	4.808710	5.192924	4.824351	5.121180
Stddev	.029043	.036740	.020155	.015930	.024536	.016247
%RSD	.5639545	.6648158	.4191293	.3067650	.5085772	.3172501

#1	5.121773	5.484076	4.819746	5.183312	4.837978	5.136969
#2	5.148179	5.550971	4.785447	5.184148	4.839049	5.122059
#3	5.179781	5.543854	4.820935	5.211312	4.796027	5.104511

Elem	Sr4077
Units	ppm
Avg	5.055520
Stddev	.033157
%RSD	.6558600

#1	5.086360
#2	5.059749
#3	5.020451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.924	1628.350	30483.82	6825.022	2361.365
Stddev	35.490	5.607	1024.02	34.499	8.339
%RSD	3.259172	.3443155	3.359220	.5054741	.3531279

#1	1104.658	1633.885	31012.36	6793.527	2368.407
#2	1113.827	1628.492	31135.57	6819.647	2363.532
#3	1048.287	1622.674	29303.52	6861.893	2352.157

Sample Name: CCB066 Acquired: 5/15/2018 15:10:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019458	.0036418	-.000302	-.000154	.0005731	.0177804	-.003928
Stddev	.0027139	.0012736	.000389	.002630	.0011516	.0062462	.000426
%RSD	139.4774	34.97202	128.7914	1706.624	200.9385	35.12987	10.84403

#1	.0012718	.0023926	.000144	.001726	-.000487	.0146279	-.004364
#2	.0049331	.0035943	-.000476	-.003159	.000408	.0137387	-.003906
#3	-.000368	.0049385	-.000575	.000971	.001798	.0249747	-.003513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000811	.0000988	.0032478	.0006584	-.000153	-.001961	.0040153
Stddev	.0000505	.0000888	.0155672	.0008868	.000292	.002665	.0035797
%RSD	62.28676	89.85567	479.3100	134.6891	191.1397	135.8819	89.15325

#1	.0001368	.0001865	.0085052	.0016717	.000156	.000039	.0071917
#2	.0000687	.0001010	-.014267	.0000236	-.000423	-.000936	.0001364
#3	.0000380	.0000090	.015506	.0002800	-.000191	-.004987	.0047177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009946	.0363503	.0002140	.0009699	-.038982	.0054458	-.000567
Stddev	.0006598	.0216686	.0005270	.0002151	.240988	.0018996	.003719
%RSD	66.33146	59.61045	246.2914	22.17260	618.2090	34.88265	656.3307

#1	.0003432	.0504020	-.000255	.0007346	.000675	.0064447	.002366
#2	.0009783	.0472531	.000785	.0011564	.179719	.0066375	.000683
#3	.0016625	.0113957	.000112	.0010188	-.297339	.0032551	-.004749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6403648	-.001637	-.000098	.0000427	.0076621	-.012340	.0002980
Stddev	.0329915	.000235	.000292	.0000559	.0048630	.000453	.0001549
%RSD	5.151979	14.33021	298.5243	131.0846	63.46778	3.673933	51.98429

#1	.6087033	-.001553	-.000382	.0000390	.0026263	-.012041	.0004507
#2	.6745421	-.001456	-.000114	-.000011	.0123316	-.012118	.0001410
#3	.6378490	-.001902	.000202	.000100	.0080286	-.012862	.0003024

Sample Name: CCB066 Acquired: 5/15/2018 15:10:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v527) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000910	.0005043	.0001051
Stddev	.000731	.0002681	.0000163
%RSD	80.25252	53.15815	15.52923

#1	-.001387	.0008127	.0001143
#2	-.000069	.0003731	.0000863
#3	-.001275	.0003271	.0001149

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.935	1972.821	34837.28	7143.733	3246.810
Stddev	19.020	4.832	392.57	25.963	10.605
%RSD	1.442063	.2449501	1.126859	.3634439	.3266190

#1	1329.200	1968.427	35078.82	7171.525	3235.200
#2	1330.618	1977.997	35048.69	7120.100	3255.987
#3	1296.988	1972.039	34384.31	7139.575	3249.242