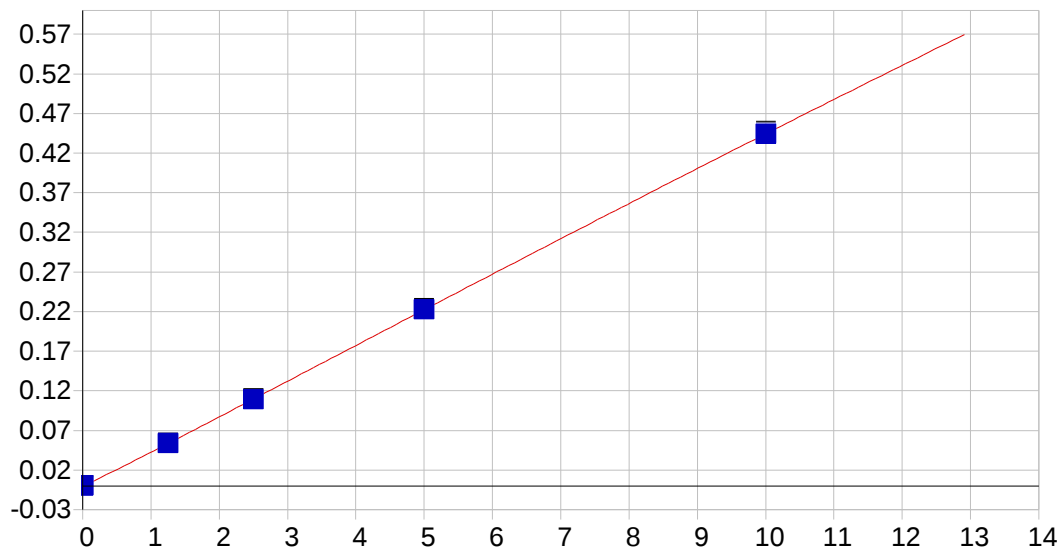




As 189.042 {479}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000119

Re-Slope: 1.000000

A1 (Gain): 0.042821

Y-int: 0.000000

A2 (Curvature): -0.000209

n (Exponent): 1.040000

Correlation: 0.999987

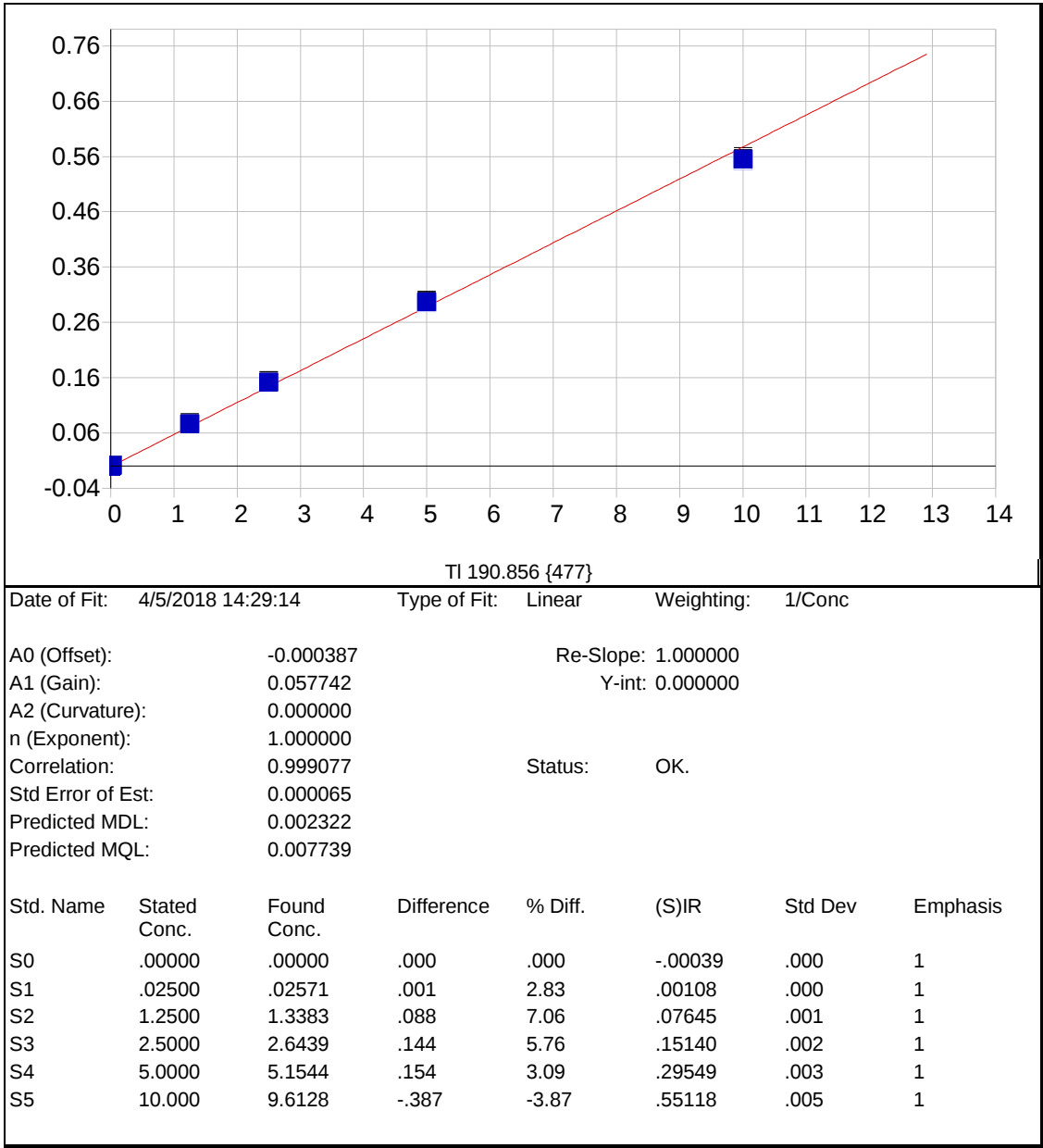
Status: OK.

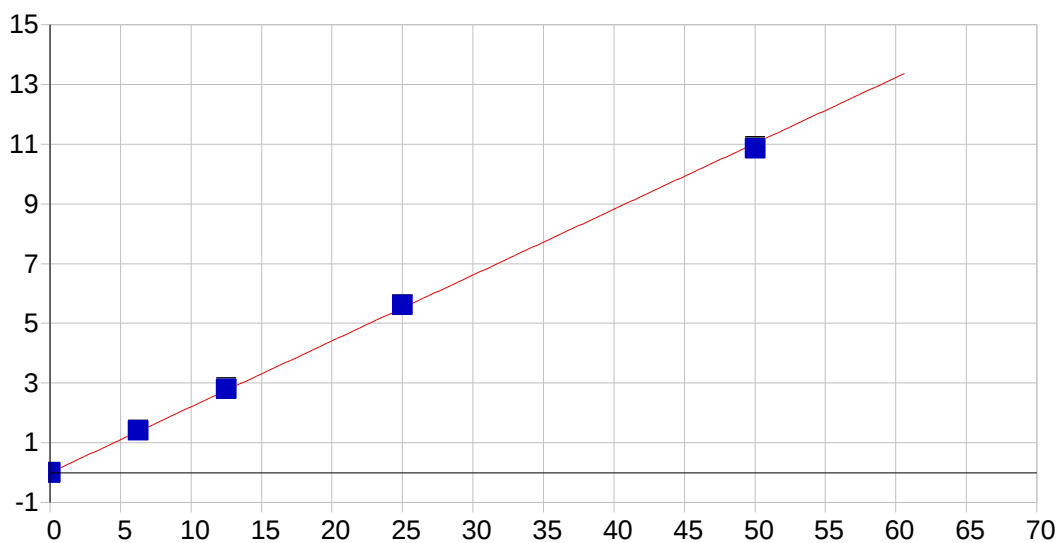
Std Error of Est: 0.000005

Predicted MDL: 0.003533

Predicted MQL: 0.011776

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00798	-.002	-20.2	.00016	.000	1
S2	1.2500	1.2623	.012	.981	.05423	.001	1
S3	2.5000	2.4860	-.014	-.561	.10914	.001	1
S4	5.0000	5.0031	.003	.062	.22292	.001	1
S5	10.000	10.000	.000	.004	.44529	.002	1



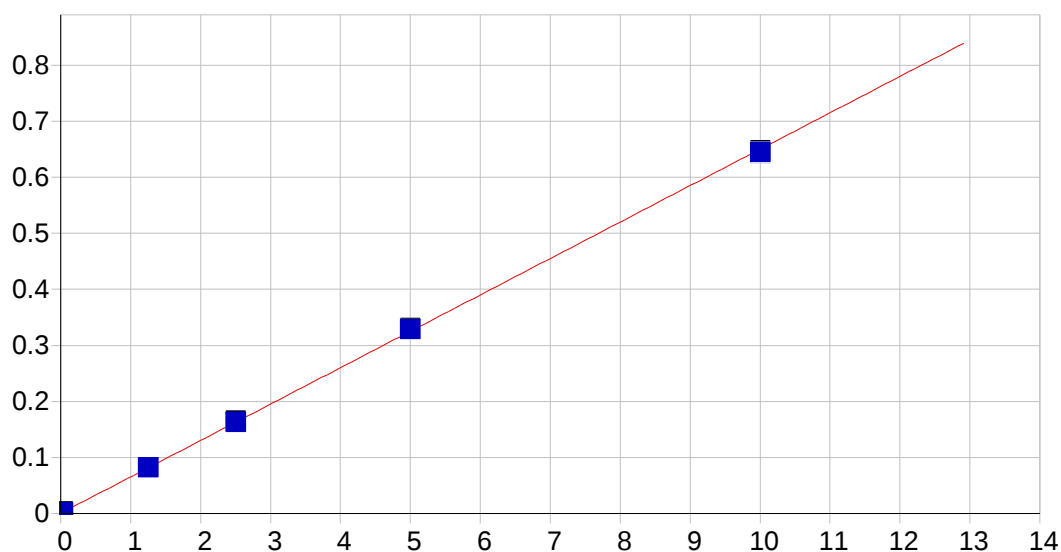


Pb 220.353 {453}

Date of Fit: 4/5/2018 14:29:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000313 Re-Slope: 1.000000
 A1 (Gain): 0.220527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.001575
 Predicted MQL: 0.005251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.01029	.000	2.93	.00197	.000	1
S2	6.2500	6.4157	.166	2.65	1.4167	.008	1
S3	12.500	12.697	.197	1.58	2.8040	.033	1
S4	25.000	25.448	.448	1.79	5.6203	.018	1
S5	50.000	49.189	-.811	-1.62	10.864	.063	1



Se 196.090 {472}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000317

Re-Slope: 1.000000

A1 (Gain): 0.064981

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999948

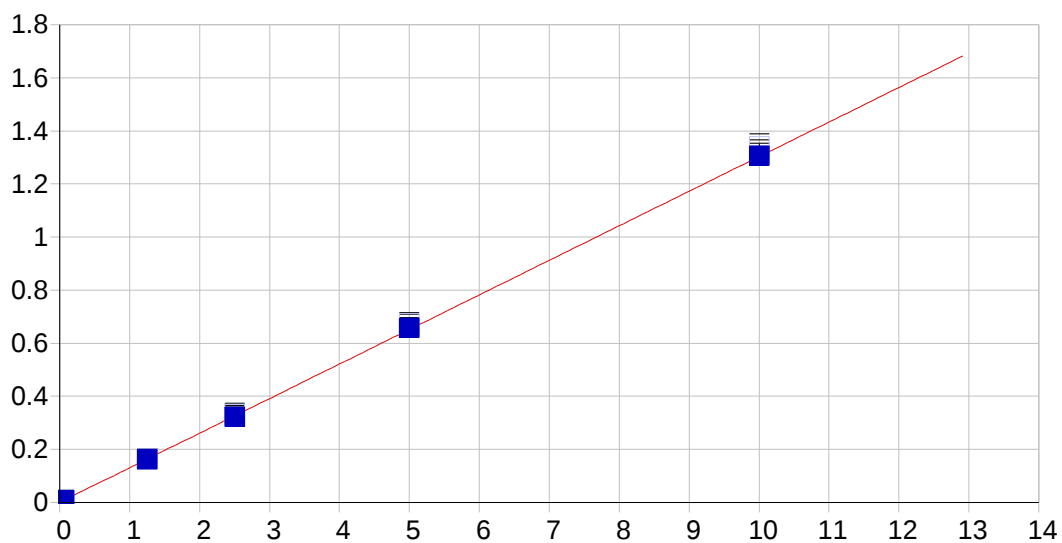
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.003154

Predicted MQL: 0.010514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.03500	.03130	-.004	-10.6	.00235	.000	1
S2	1.2500	1.2546	.005	.368	.08146	.001	1
S3	2.5000	2.5144	.014	.575	.16294	.002	1
S4	5.0000	5.0643	.064	1.29	.32788	.001	1
S5	10.000	9.9204	-.080	-.796	.64191	.004	1



Sb 206.833 {463}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000682

Re-Slope: 1.000000

A1 (Gain): 0.130233

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

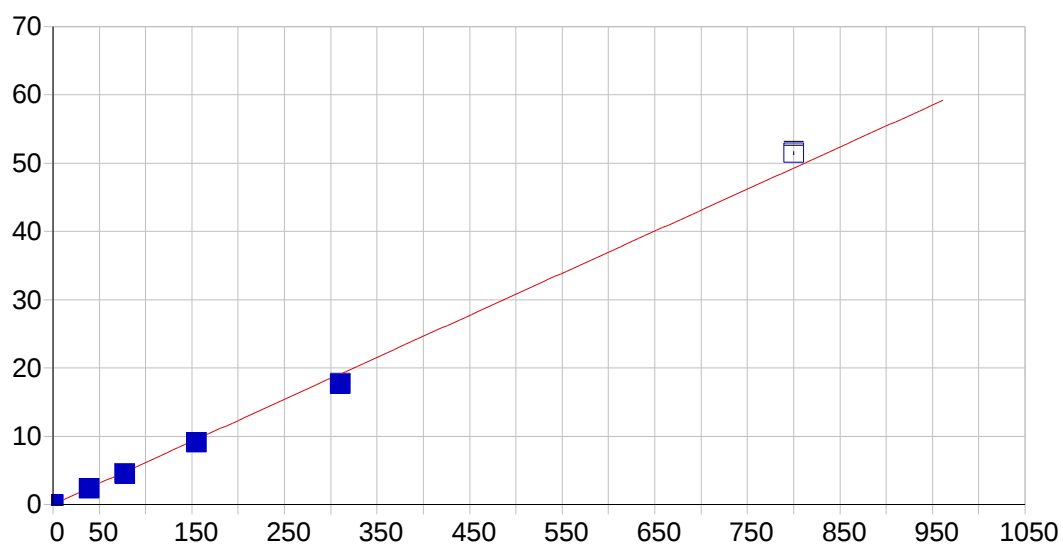
Status: OK.

Std Error of Est: 0.000040

Predicted MDL: 0.001741

Predicted MQL: 0.005803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.06000	.05703	-.003	-4.96	.00811	.000	1
S2	1.2500	1.2277	-.022	-1.78	.16500	.000	1
S3	2.5000	2.4752	-.025	-.992	.33190	.004	1
S4	5.0000	5.0335	.033	.669	.67394	.003	1
S5	10.000	10.017	.017	.165	1.3406	.011	1



AI 396.152 { 85}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000553

Re-Slope: 1.000000

A1 (Gain): 0.061601

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998587

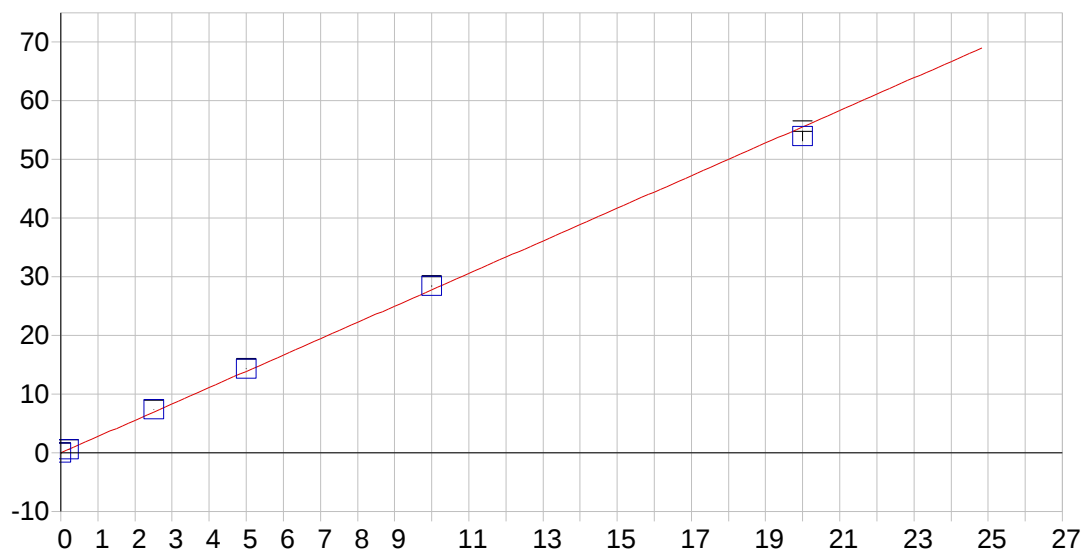
Status: OK.

Std Error of Est: 0.002038

Predicted MDL: 0.011719

Predicted MQL: 0.039062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00056	.000	1
S1	.20000	.19348	-.007	-3.26	.01249	.001	1
S2	38.750	37.451	-1.30	-3.35	2.3098	.015	1
S3	77.500	73.289	-4.21	-5.43	4.5197	.017	1
S4	155.00	147.56	-7.44	-4.80	9.0990	.008	1
S5	310.00	287.18	-22.8	-7.36	17.709	.059	1
S6	800.00	835.82	35.8	4.48	51.487	.294	1



Ba 493.409 { 68}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006600

Re-Slope: 1.000000

A1 (Gain): 2.779515

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999495

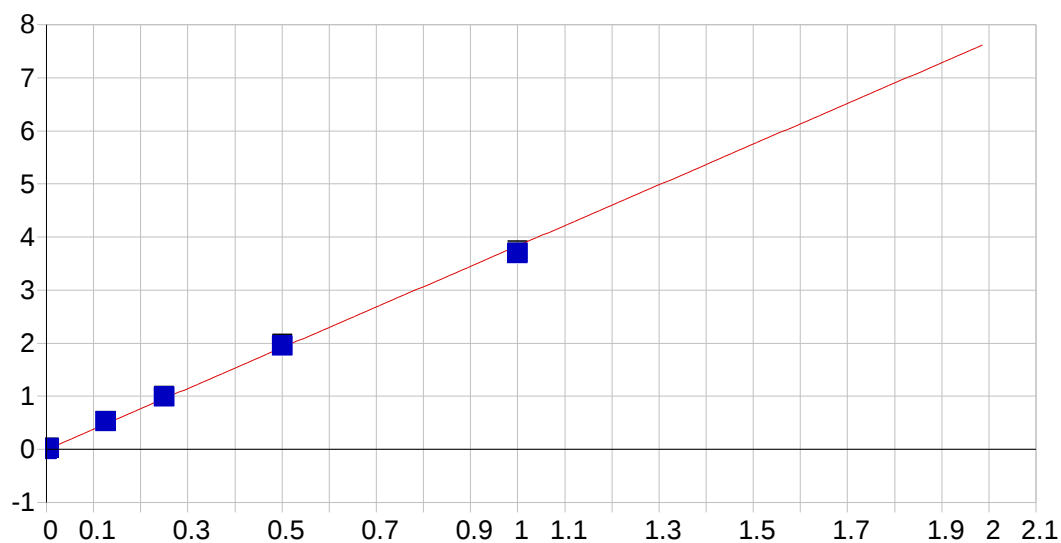
Status: OK.

Std Error of Est: 0.009392

Predicted MDL: 0.000691

Predicted MQL: 0.002304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00667	.001	1
S1	.20000	.20822	.008	4.11	.57215	.002	1
S2	2.5000	2.6576	.158	6.30	7.3803	.039	1
S3	5.0000	5.1655	.166	3.31	14.351	.023	1
S4	10.000	10.243	.243	2.43	28.463	.099	1
S5	20.000	19.426	-.574	-2.87	53.989	.912	1



Be 234.861 {144}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002001

Re-Slope: 1.000000

A1 (Gain): 3.834848

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999111

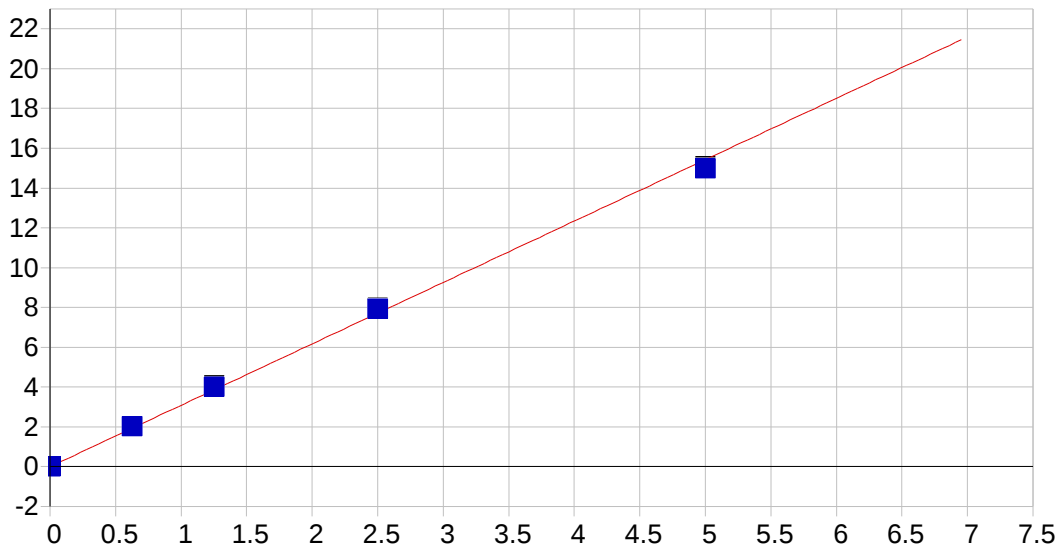
Status: OK.

Std Error of Est: 0.000604

Predicted MDL: 0.000091

Predicted MQL: 0.000303

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00201	.000	1
S1	.00500	.00560	.001	11.9	.01945	.001	1
S2	.12500	.13794	.013	10.4	.52487	.006	1
S3	.25000	.26104	.011	4.42	.99487	.003	1
S4	.50000	.51020	.010	2.04	1.9462	.030	1
S5	1.0000	.96522	-.035	-3.48	3.6827	.040	1



Cd 214.438 {457}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000054

Re-Slope: 1.000000

A1 (Gain): 3.085140

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999496

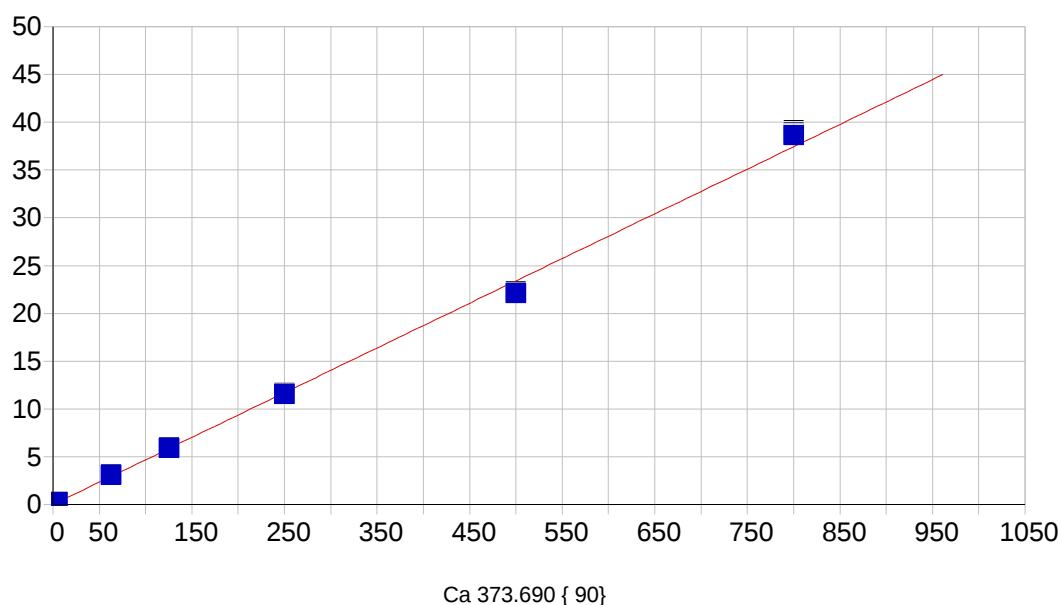
Status: OK.

Std Error of Est: 0.000823

Predicted MDL: 0.000080

Predicted MQL: 0.000266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.00500	.00514	.000	2.73	.01580	.000	1
S2	.62500	.65365	.029	4.58	2.0205	.011	1
S3	1.2500	1.2983	.048	3.86	4.0133	.046	1
S4	2.5000	2.5704	.070	2.81	7.9457	.025	1
S5	5.0000	4.8526	-.147	-2.95	15.003	.080	1



Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002199

Re-Slope: 1.000000

A1 (Gain): 0.046792

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999229

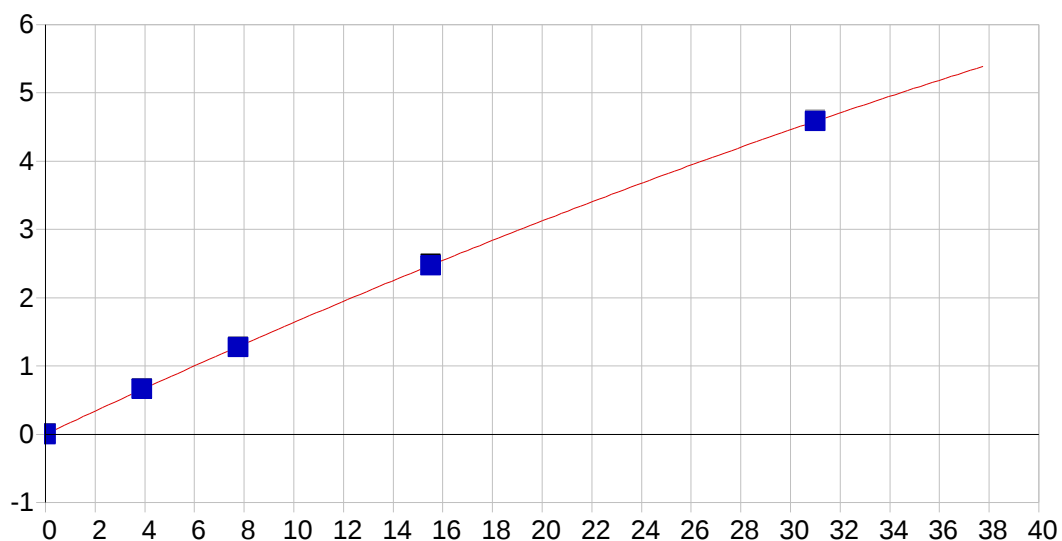
Status: OK.

Std Error of Est: 0.006446

Predicted MDL: 0.014242

Predicted MQL: 0.047475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00046	.000	.000	.00218	.001	1
S1	5.0000	5.3050	.305	6.10	.25046	.000	1
S2	62.500	66.126	3.63	5.80	3.1067	.020	1
S3	125.00	126.00	.998	.798	5.9186	.011	1
S4	250.00	246.91	-3.09	-1.24	11.597	.049	1
S5	500.00	471.89	-28.1	-5.62	22.166	.090	1
S6	800.00	826.21	26.2	3.28	38.884	.238	1



Cr 267.716 {126}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000069

Re-Slope: 1.000000

A1 (Gain): 0.171483

Y-int: 0.000000

A2 (Curvature): -0.000761

n (Exponent): 1.000000

Correlation: 0.999985

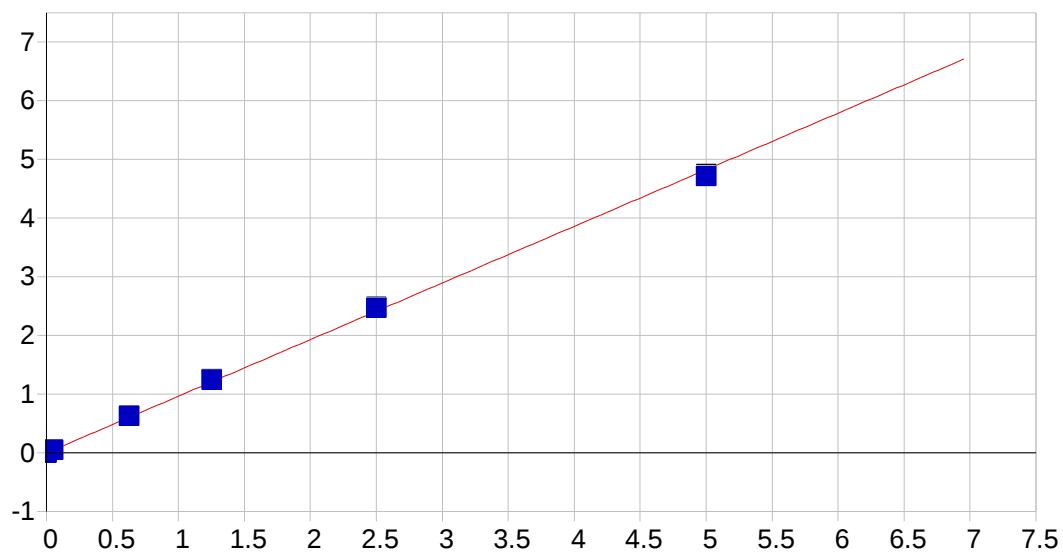
Status: OK.

Std Error of Est: 0.000029

Predicted MDL: 0.000569

Predicted MQL: 0.001896

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01032	.000	3.25	.00171	.000	1
S2	3.8750	3.9397	.065	1.67	.66488	.000	1
S3	7.7500	7.6901	-.060	-.773	1.2760	.002	1
S4	15.500	15.470	-.030	-.196	2.4752	.017	1
S5	31.000	31.027	.027	.086	4.5969	.008	1



Co 228.616 {448}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000387

Re-Slope: 1.000000

A1 (Gain): 0.965224

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999674

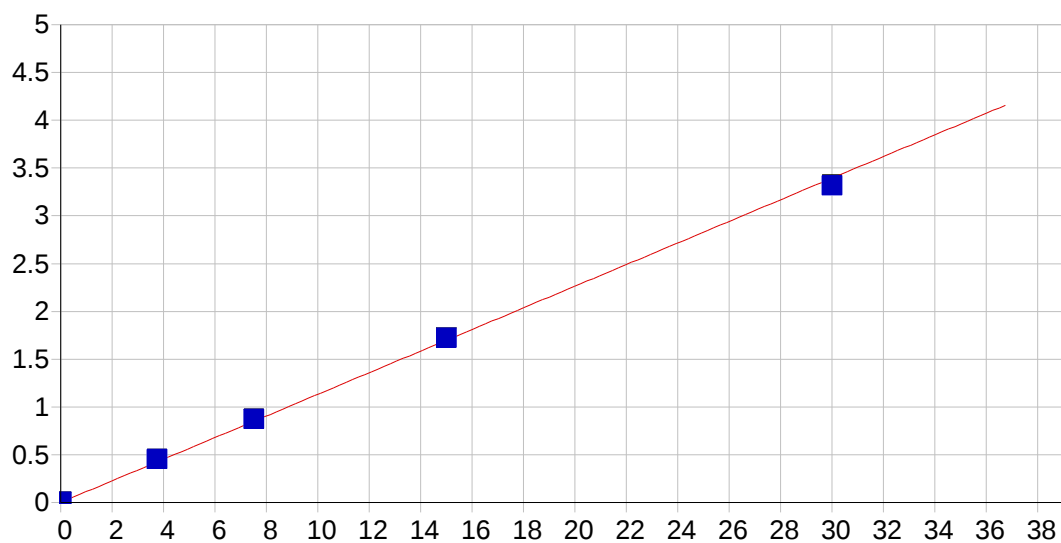
Status: OK.

Std Error of Est: 0.000656

Predicted MDL: 0.000250

Predicted MQL: 0.000833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.05000	.04885	-.001	-2.29	.04695	.000	1
S2	.62500	.64674	.022	3.48	.62505	.004	1
S3	1.2500	1.2866	.037	2.93	1.2439	.014	1
S4	2.5000	2.5613	.061	2.45	2.4766	.007	1
S5	5.0000	4.8815	-.118	-2.37	4.7210	.030	1



Cu 324.754 {104}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000470

Re-Slope: 1.000000

A1 (Gain): 0.113122

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999623

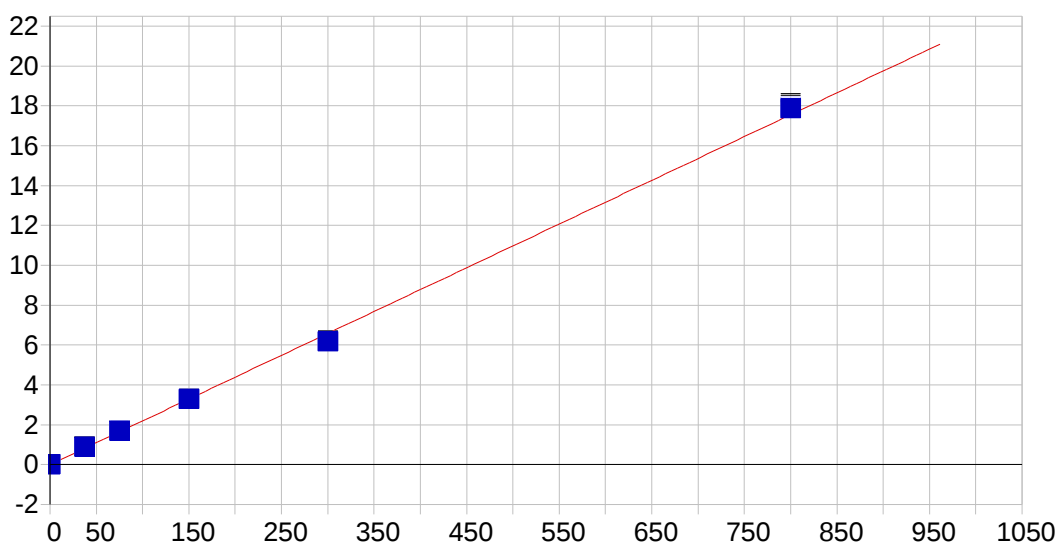
Status: OK.

Std Error of Est: 0.000143

Predicted MDL: 0.003315

Predicted MQL: 0.011051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00047	.000	1
S1	.02500	.02923	.004	16.9	.00377	.000	1
S2	3.7500	3.9927	.243	6.47	.45186	.002	1
S3	7.5000	7.7093	.209	2.79	.87203	.002	1
S4	15.000	15.242	.242	1.61	1.7236	.003	1
S5	30.000	29.302	-.698	-2.33	3.3131	.009	1



Fe 259.837 {130}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000068

Re-Slope: 1.000000

A1 (Gain): 0.021949

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999354

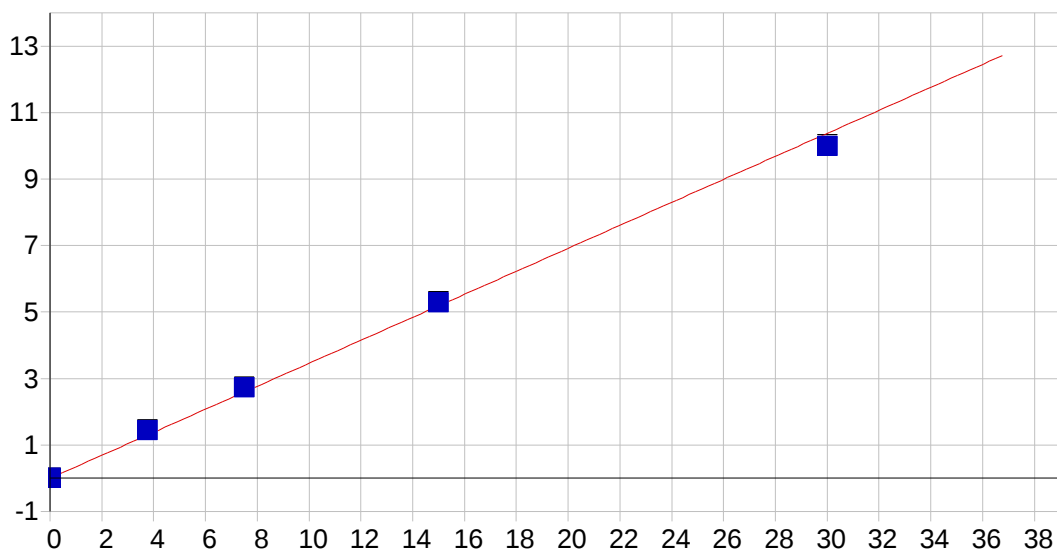
Status: OK.

Std Error of Est: 0.000346

Predicted MDL: 0.010128

Predicted MQL: 0.033761

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00007	.000	1
S1	.10000	.11325	.013	13.3	.00260	.000	1
S2	37.500	40.380	2.88	7.68	.89075	.000	1
S3	75.000	77.409	2.41	3.21	1.7079	.011	1
S4	150.00	149.67	-.329	-.219	3.3027	.016	1
S5	300.00	280.82	-19.2	-6.39	6.1989	.026	1
S6	800.00	814.22	14.2	1.78	17.951	.162	1

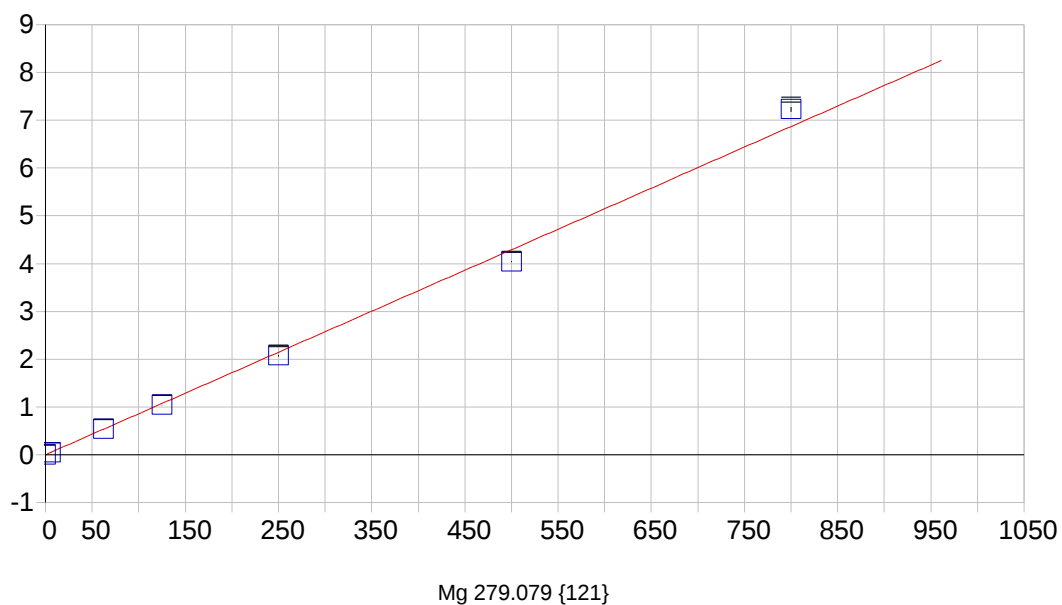


Mn 257.610 {131}

Date of Fit: 4/5/2018 14:29:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.345842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998994 Status: OK.
 Std Error of Est: 0.000552
 Predicted MDL: 0.000648
 Predicted MQL: 0.002159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01500	.01680	.002	12.0	.00585	.000	1
S2	3.7500	4.1599	.410	10.9	1.4390	.015	1
S3	7.5000	7.8999	.400	5.33	2.7327	.012	1
S4	15.000	15.299	.299	2.00	5.2924	.022	1
S5	30.000	28.889	-1.11	-3.70	9.9934	.054	1



Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000157

Re-Slope: 1.000000

A1 (Gain): 0.008584

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998761

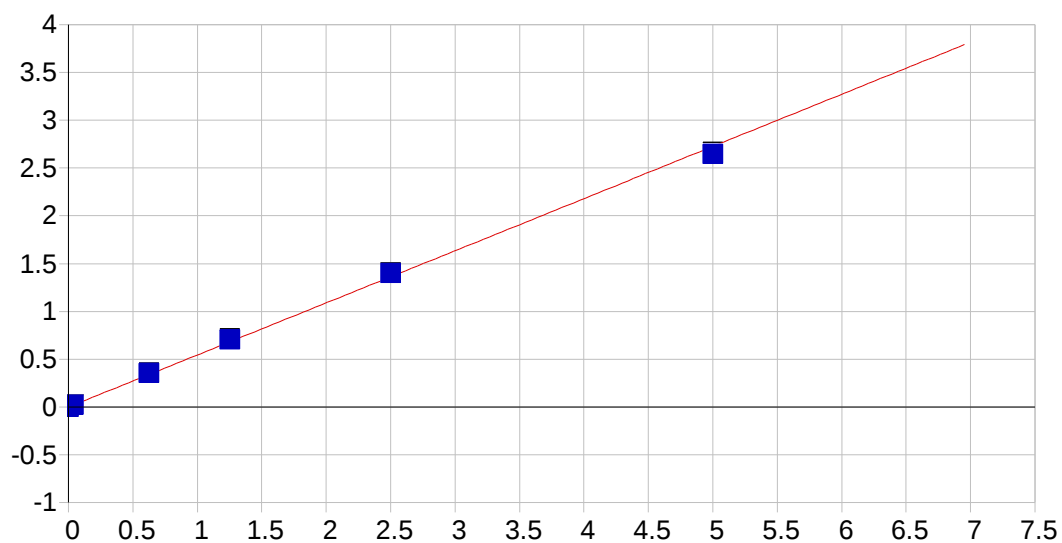
Status: OK.

Std Error of Est: 0.001493

Predicted MDL: 0.030953

Predicted MQL: 0.103177

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00057	.001	.000	-.00015	.000	1
S1	5.0000	4.8064	-.194	-3.87	.04110	.000	1
S2	62.500	62.177	-.323	-.518	.53354	.001	1
S3	125.00	121.35	-3.65	-2.92	1.0415	.005	1
S4	250.00	241.48	-8.52	-3.41	2.0726	.013	1
S5	500.00	470.70	-29.3	-5.86	4.0402	.016	1
S6	800.00	841.98	42.0	5.25	7.2271	.053	1

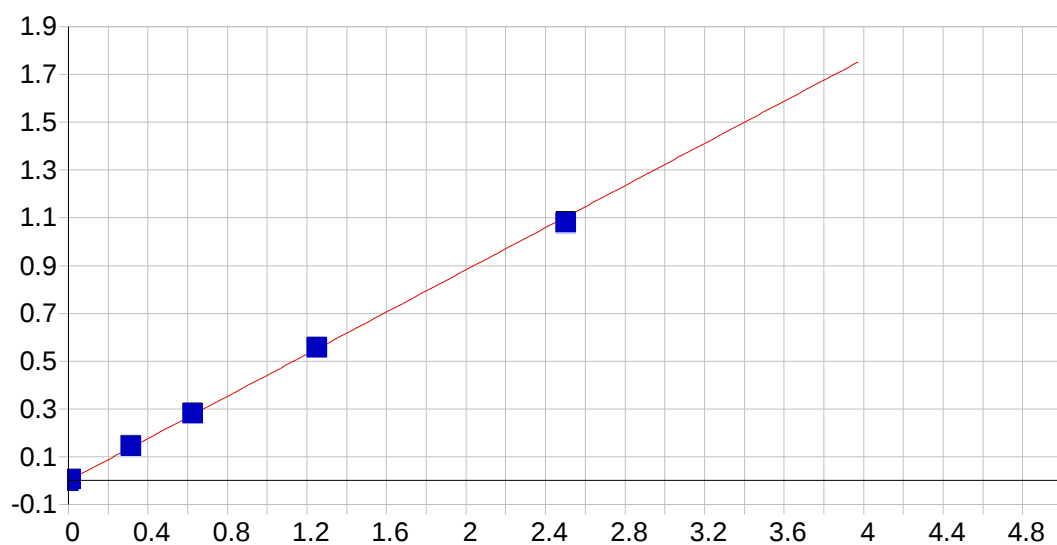


Ni 231.604 {446}

Date of Fit: 4/5/2018 14:29:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001582 Re-Slope: 1.000000
 A1 (Gain): 0.545425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999522 Status: OK.
 Std Error of Est: 0.000401
 Predicted MDL: 0.000452
 Predicted MQL: 0.001506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00158	.000	1
S1	.04000	.04056	.001	1.41	.02055	.000	1
S2	.62500	.65326	.028	4.52	.35542	.002	1
S3	1.2500	1.2967	.047	3.74	.70708	.008	1
S4	2.5000	2.5684	.068	2.73	1.4021	.005	1
S5	5.0000	4.8561	-.144	-2.88	2.6527	.015	1

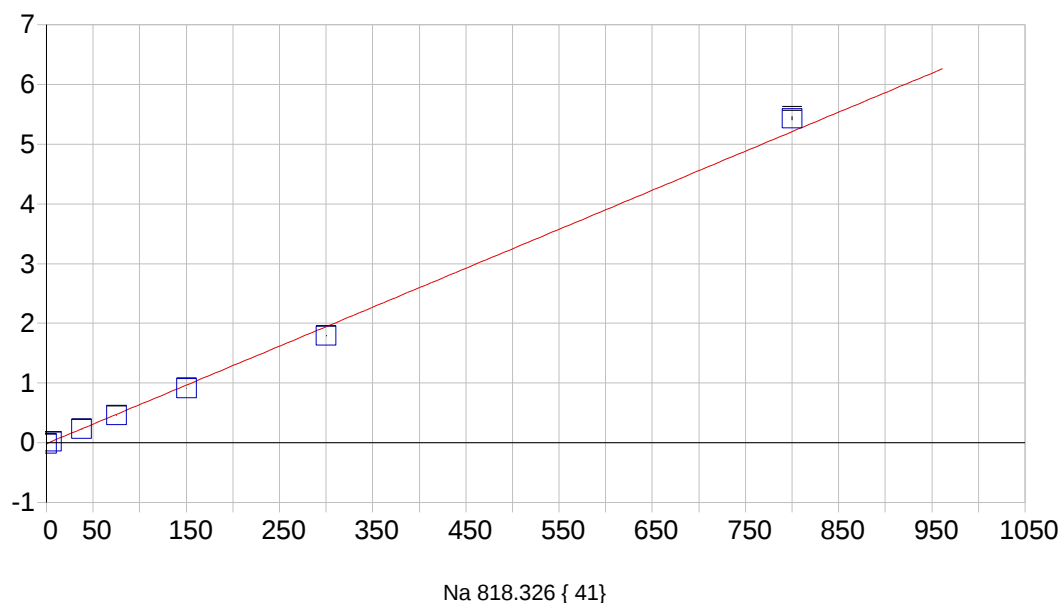


Ag 328.068 {103}

Date of Fit: 4/5/2018 14:29:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.441075 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.000430
 Predicted MQL: 0.001434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.01064	.001	6.44	.00455	.000	1
S2	.31250	.33213	.020	6.28	.14543	.001	1
S3	.62500	.63921	.014	2.27	.27994	.001	1
S4	1.2500	1.2643	.014	1.15	.55379	.002	1
S5	2.5000	2.4512	-.049	-1.95	1.0735	.003	1



Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.013934

Re-Slope: 1.000000

A1 (Gain): 0.006527

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998598

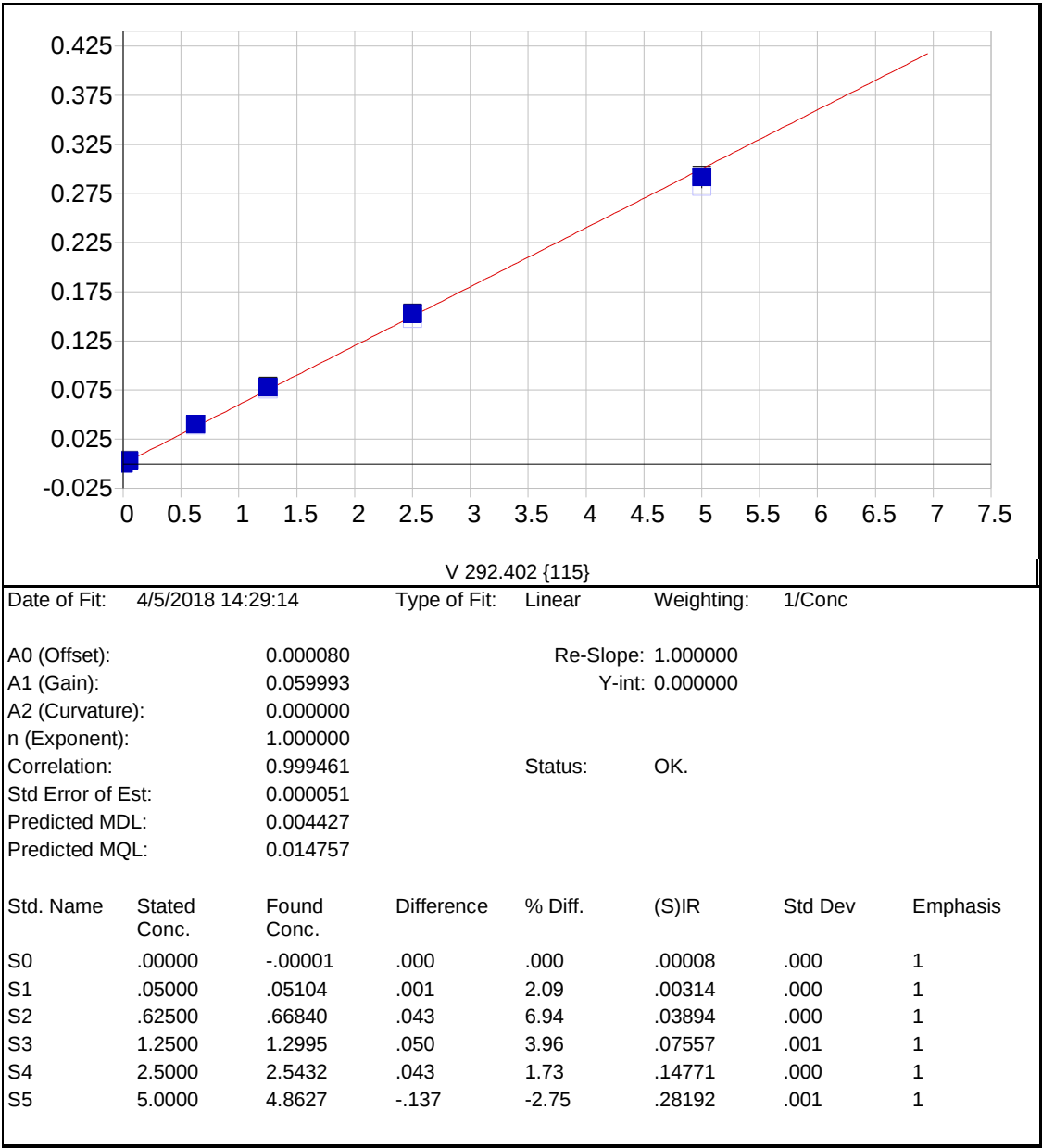
Status: OK.

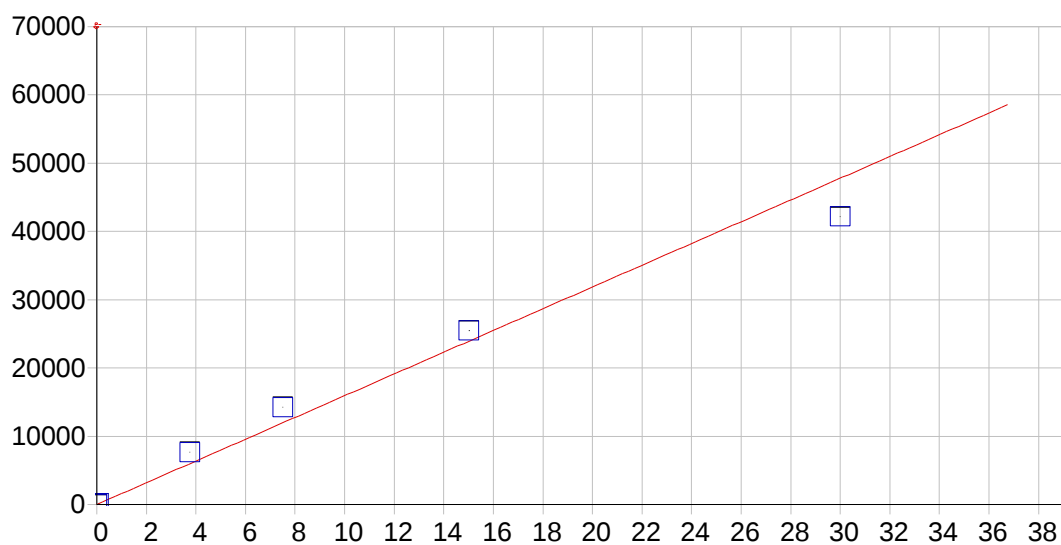
Std Error of Est: 0.001070

Predicted MDL: 0.252555

Predicted MQL: 0.841849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00064	.001	.000	-.01393	.002	1
S1	5.0000	5.0292	.029	.583	.01889	.002	1
S2	37.500	37.315	-.185	-.493	.22961	.001	1
S3	75.000	71.971	-3.03	-4.04	.45580	.001	1
S4	150.00	141.95	-8.05	-5.37	.91253	.005	1
S5	300.00	276.76	-23.2	-7.75	1.7924	.002	1
S6	800.00	834.48	34.5	4.31	5.4325	.033	1



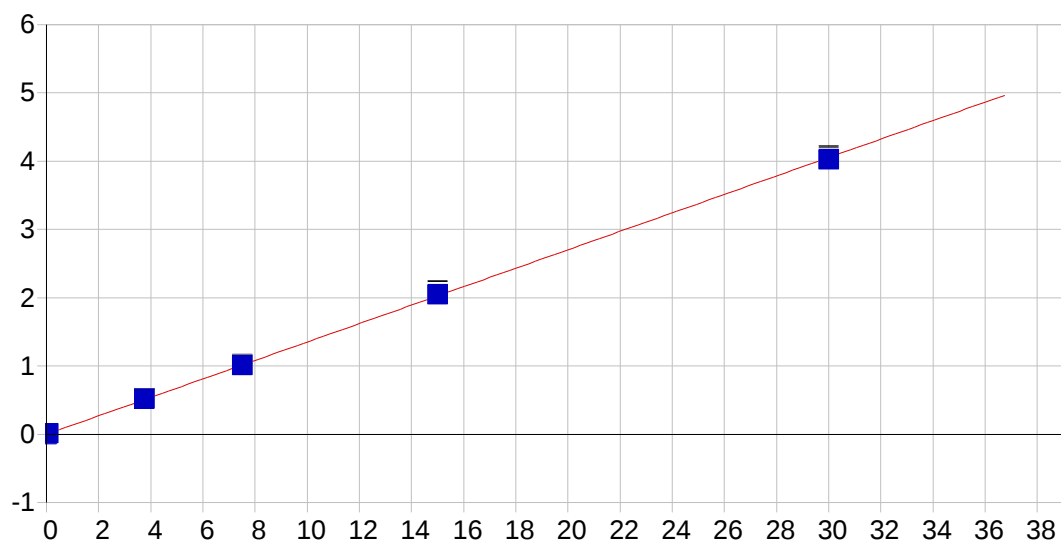


Zn 206.200 {464}

Date of Fit: 4/5/2018 14:29:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.720299 Re-Slope: 1.000000
 A1 (Gain): 1592.974020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990586 Status: OK.
 Std Error of Est: 15.662873
 Predicted MDL: 0.000378
 Predicted MQL: 0.001260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	3.6284	.352	1
S1	.06000	.09235	.032	53.9	150.84	1.24	1
S2	3.7500	4.7986	1.05	28.0	7647.8	33.0	1
S3	7.5000	8.9524	1.45	19.4	14265.	44.1	1
S4	15.000	16.001	1.00	6.67	25493.	20.7	1
S5	30.000	26.465	-3.53	-11.8	42162.	17.2	1



Zn 213.856 {158}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000921

Re-Slope: 1.000000

A1 (Gain): 0.135167

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999916

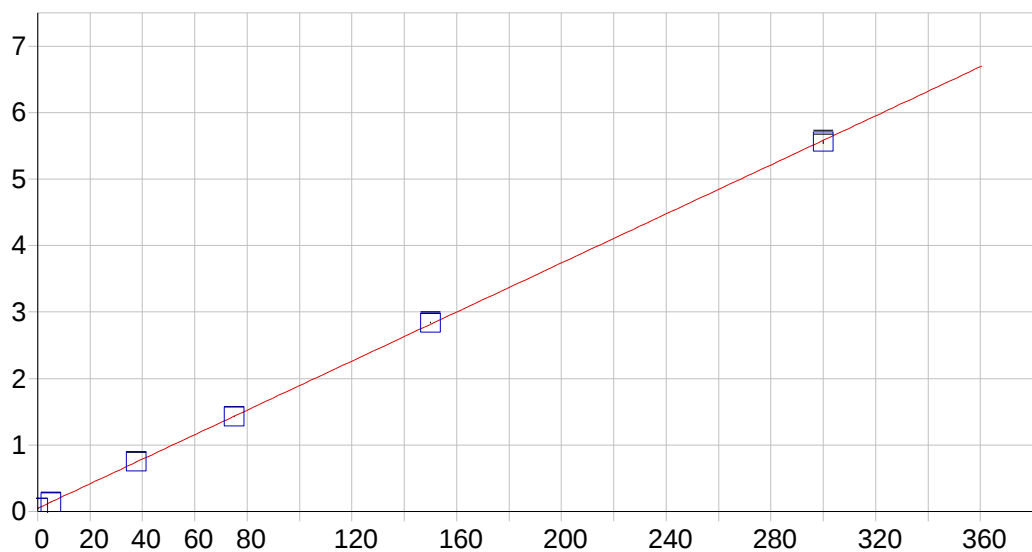
Status: OK.

Std Error of Est: 0.000125

Predicted MDL: 0.005005

Predicted MQL: 0.016684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00092	.001	1
S1	.06000	.07378	.014	23.0	.00908	.000	1
S2	3.7500	3.8458	.096	2.55	.52128	.001	1
S3	7.5000	7.4922	-.008	-.104	1.0165	.010	1
S4	15.000	15.157	.157	1.05	2.0573	.048	1
S5	30.000	29.741	-.259	-.863	4.0382	.043	1



K 769.896 { 44}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.049148

Re-Slope: 1.000000

A1 (Gain): 0.018443

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999968

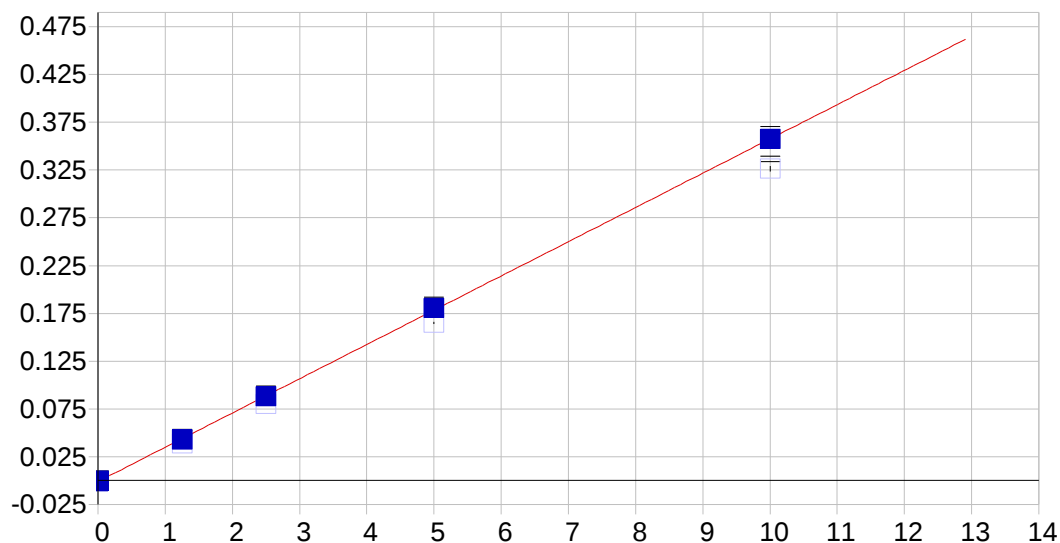
Status: OK.

Std Error of Est: 0.000307

Predicted MDL: 0.071927

Predicted MQL: 0.239758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	.04915	.001	1
S1	5.0000	4.7525	-.247	-4.95	.13680	.001	1
S2	37.500	37.912	.412	1.10	.74838	.004	1
S3	75.000	74.635	-.365	-.486	1.4257	.001	1
S4	150.00	151.42	1.42	.944	2.8418	.010	1
S5	300.00	298.78	-1.22	-.406	5.5597	.029	1



Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000981

Re-Slope: 1.000000

A1 (Gain): 0.035859

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999919

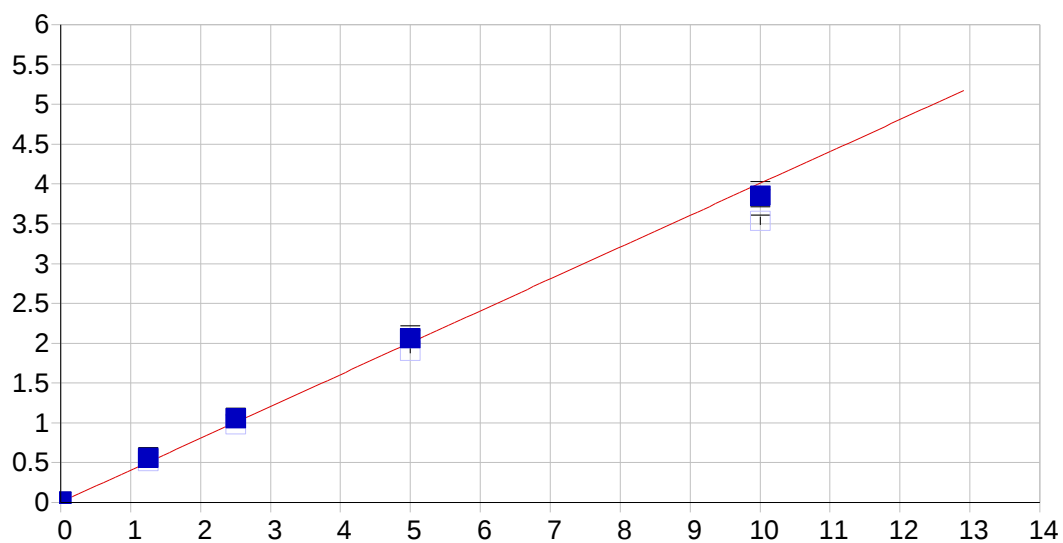
Status: OK.

Std Error of Est: 0.000007

Predicted MDL: 0.002857

Predicted MQL: 0.009524

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00098	.000	1
S1	.01000	.01263	.003	26.3	-.00055	.000	1
S2	1.2500	1.2172	-.033	-2.62	.03880	.001	1
S3	2.5000	2.4766	-.023	-.938	.08009	.001	1
S4	5.0000	5.0612	.061	1.22	.16505	.001	1
S5	10.000	9.9923	-.008	-.077	.32641	.003	1



B 249.678 {135}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006030

Re-Slope: 1.000000

A1 (Gain): 0.400112

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998826

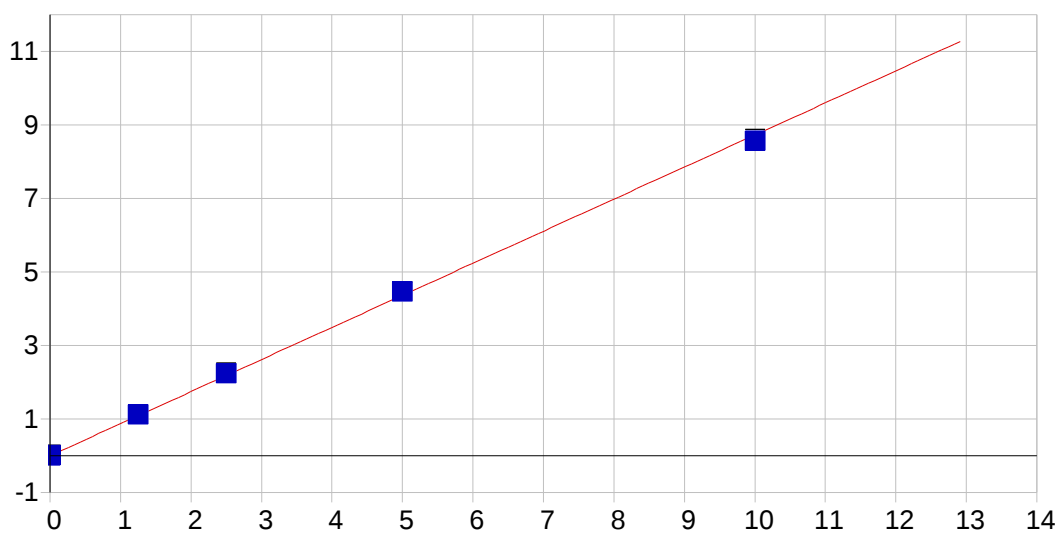
Status: OK.

Std Error of Est: 0.000300

Predicted MDL: 0.001095

Predicted MQL: 0.003649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00603	.000	1
S1	.01000	.00940	-.001	-6.03	.00971	.000	1
S2	1.2500	1.3726	.123	9.81	.51563	.008	1
S3	2.5000	2.6273	.127	5.09	.97803	.005	1
S4	5.0000	5.1383	.138	2.77	1.9035	.031	1
S5	10.000	9.6123	-.388	-3.88	3.5351	.052	1



Mo 202.030 {467}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000057

Re-Slope: 1.000000

A1 (Gain): 0.872743

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999791

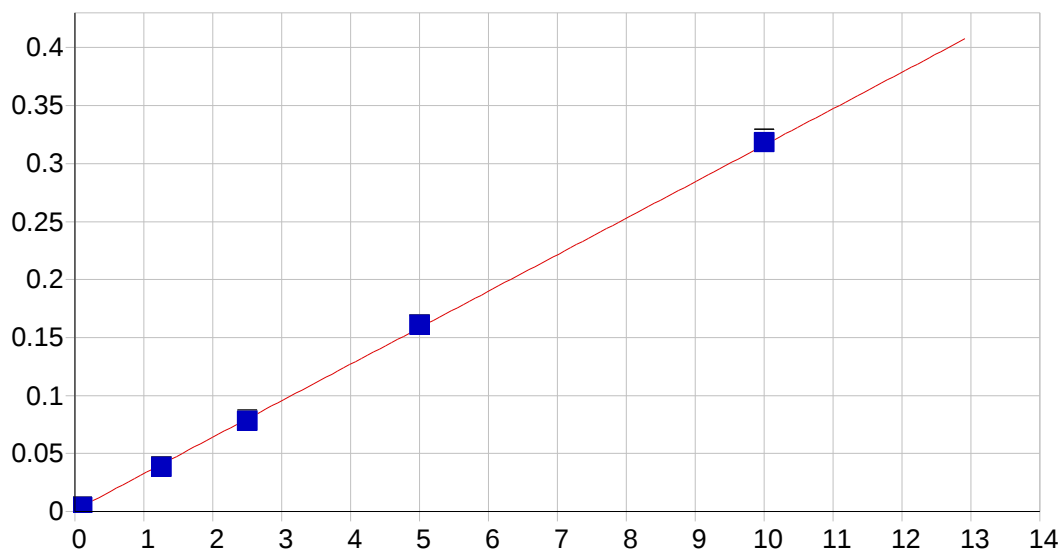
Status: OK.

Std Error of Est: 0.000299

Predicted MDL: 0.000264

Predicted MQL: 0.000880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01013	.000	1.30	.00889	.000	1
S2	1.2500	1.2754	.025	2.04	1.1131	.004	1
S3	2.5000	2.5602	.060	2.41	2.2344	.026	1
S4	5.0000	5.1052	.105	2.10	4.4554	.013	1
S5	10.000	9.8091	-.191	-1.91	8.5605	.058	1



S 182.034 {485}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001118

Re-Slope: 1.000000

A1 (Gain): 0.031472

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999731

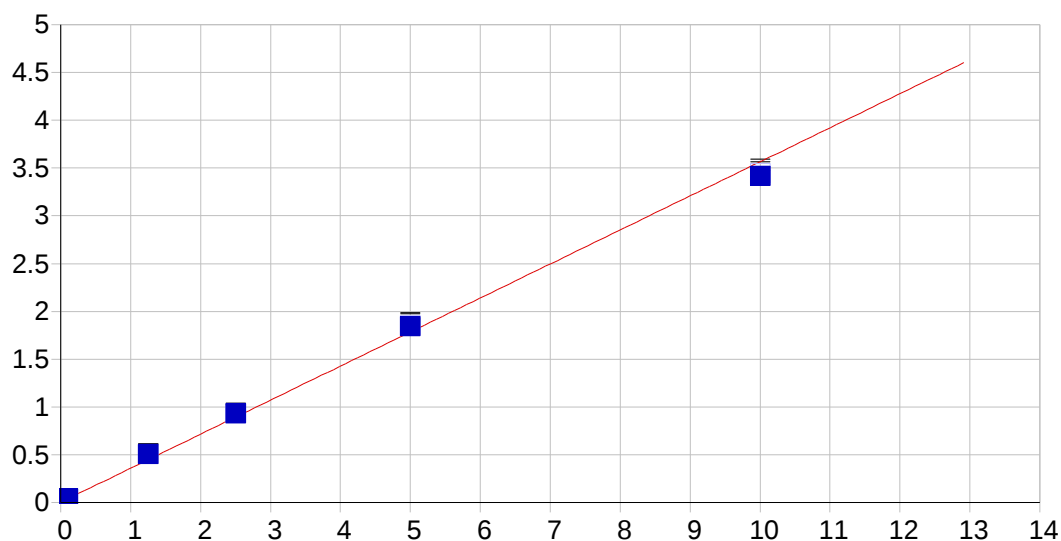
Status: OK.

Std Error of Est: 0.000039

Predicted MDL: 0.003968

Predicted MQL: 0.013226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00112	.000	1
S1	.10000	.08035	-.020	-19.6	.00365	.000	1
S2	1.2500	1.1844	-.066	-5.25	.03841	.000	1
S3	2.5000	2.4419	-.058	-2.32	.07800	.001	1
S4	5.0000	5.0682	.068	1.36	.16068	.001	1
S5	10.000	10.075	.075	.751	.31831	.003	1



Si 251.611 {134}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002446

Re-Slope: 1.000000

A1 (Gain): 0.356250

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998798

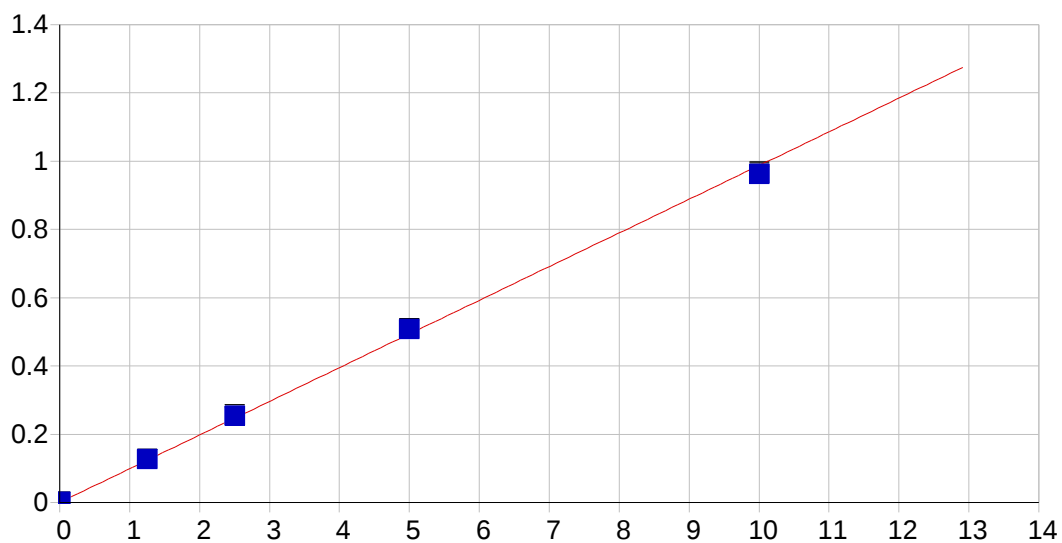
Status: OK.

Std Error of Est: 0.000937

Predicted MDL: 0.001245

Predicted MQL: 0.004150

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00244	.000	1
S1	.10000	.09970	.000	-.303	.03809	.001	1
S2	1.2500	1.4072	.157	12.6	.50741	.006	1
S3	2.5000	2.5970	.097	3.88	.93492	.002	1
S4	5.0000	5.1624	.162	3.25	1.8562	.028	1
S5	10.000	9.5837	-.416	-4.16	3.4458	.042	1



Sn 189.989 {478}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000326

Re-Slope: 1.000000

A1 (Gain): 0.098699

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999642

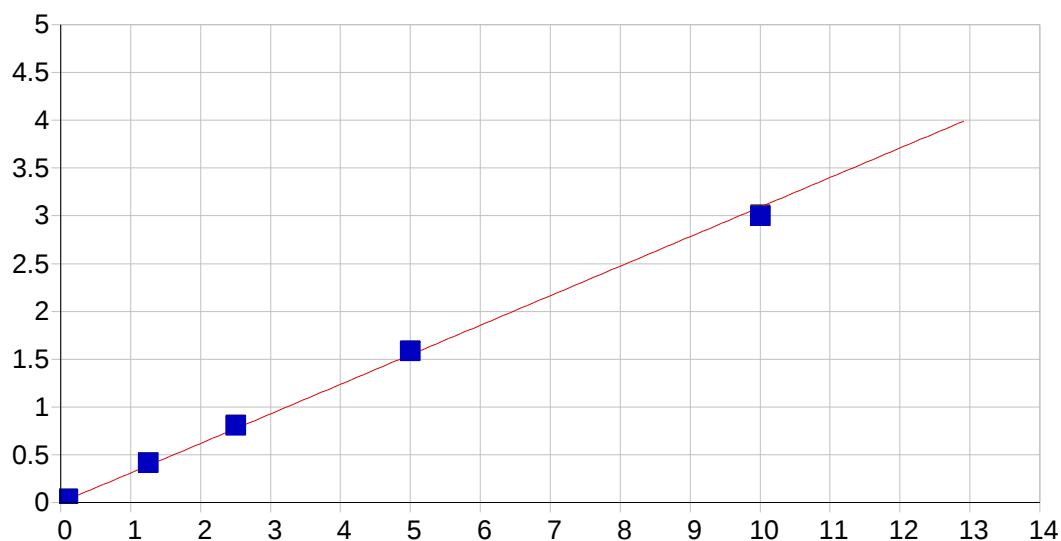
Status: OK.

Std Error of Est: 0.000037

Predicted MDL: 0.001148

Predicted MQL: 0.003827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.00700	.00582	-.001	-16.8	.00087	.000	1
S2	1.2500	1.2764	.026	2.11	.12603	.001	1
S3	2.5000	2.5761	.076	3.05	.25404	.003	1
S4	5.0000	5.1454	.145	2.91	.50708	.002	1
S5	10.000	9.7532	-.247	-2.47	.96078	.006	1



Ti 336.121 {100}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000952

Re-Slope: 1.000000

A1 (Gain): 0.309102

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999420

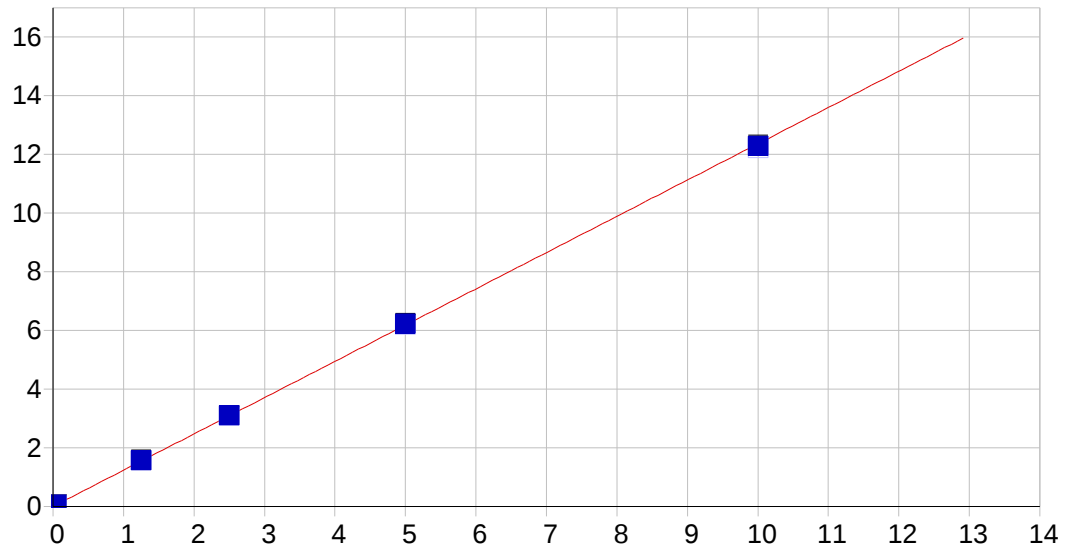
Status: OK.

Std Error of Est: 0.000559

Predicted MDL: 0.001521

Predicted MQL: 0.005071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00095	.000	1
S1	.10000	.10058	.001	.581	.03203	.000	1
S2	1.2500	1.3415	.091	7.32	.41547	.004	1
S3	2.5000	2.5941	.094	3.76	.80251	.006	1
S4	5.0000	5.1139	.114	2.28	1.5811	.001	1
S5	10.000	9.6999	-.300	-3.00	2.9980	.009	1



Li 670.784 { 50}

Date of Fit: 4/5/2018 14:29:14

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002330

Re-Slope: 1.000000

A1 (Gain): 1.236309

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999966

Status: OK.

Std Error of Est: 0.000382

Predicted MDL: 0.001427

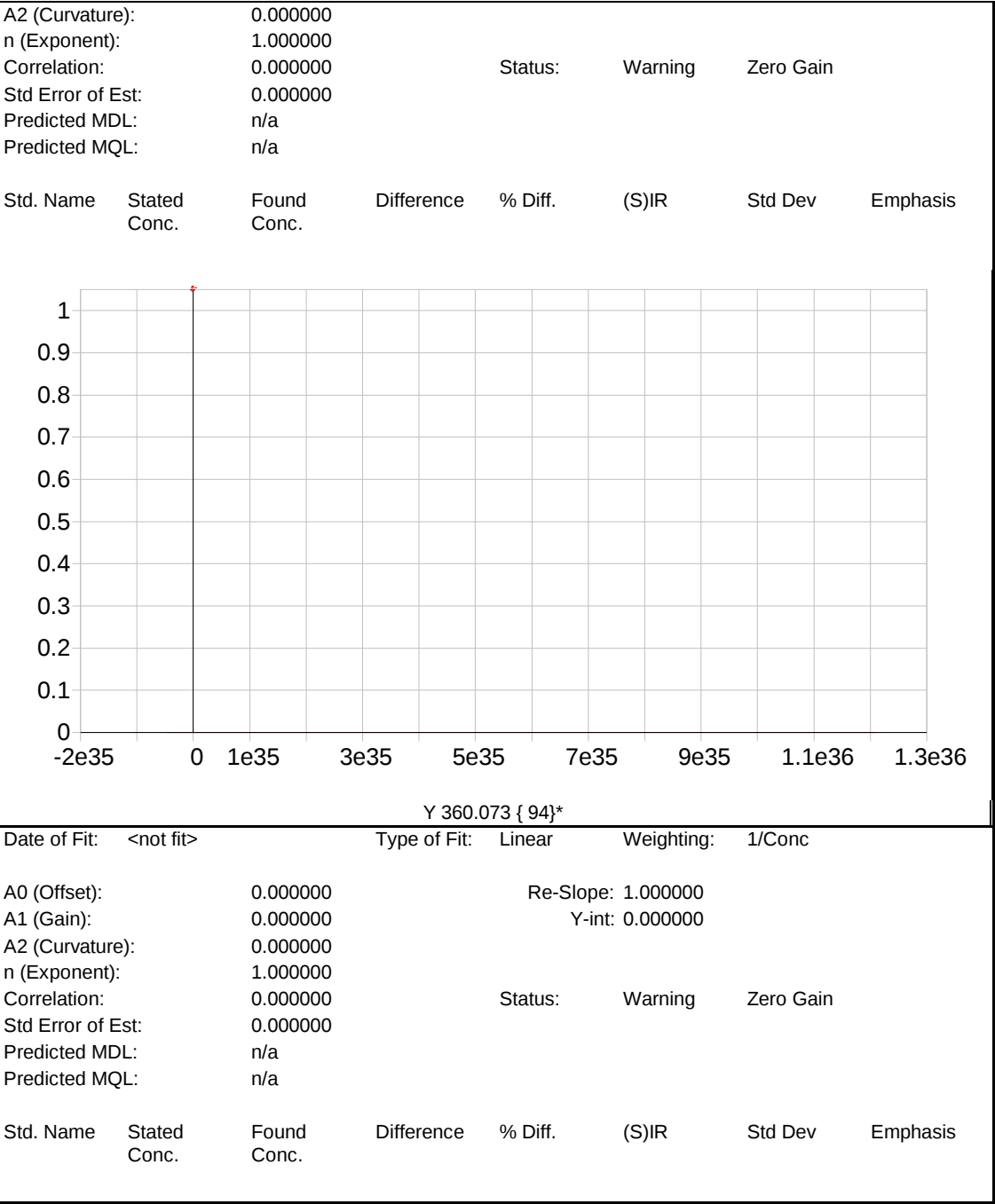
Predicted MQL: 0.004758

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00233	.001	1
S5	10.000	9.9369	-.063	-.631	12.218	.028	1
S4	5.0000	5.0376	.038	.752	6.1956	.014	1
S3	2.5000	2.5025	.003	.100	3.0788	.007	1
S2	1.2500	1.2751	.025	2.01	1.5700	.003	1
S1	.05000	.04788	-.002	-4.23	.06141	.001	1



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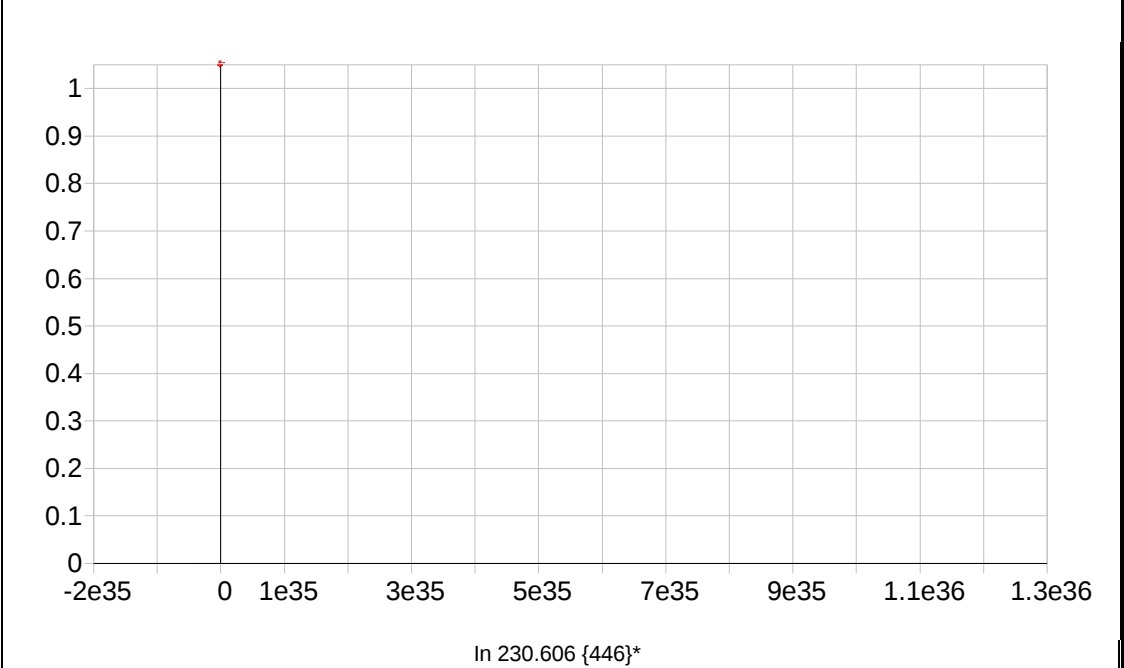




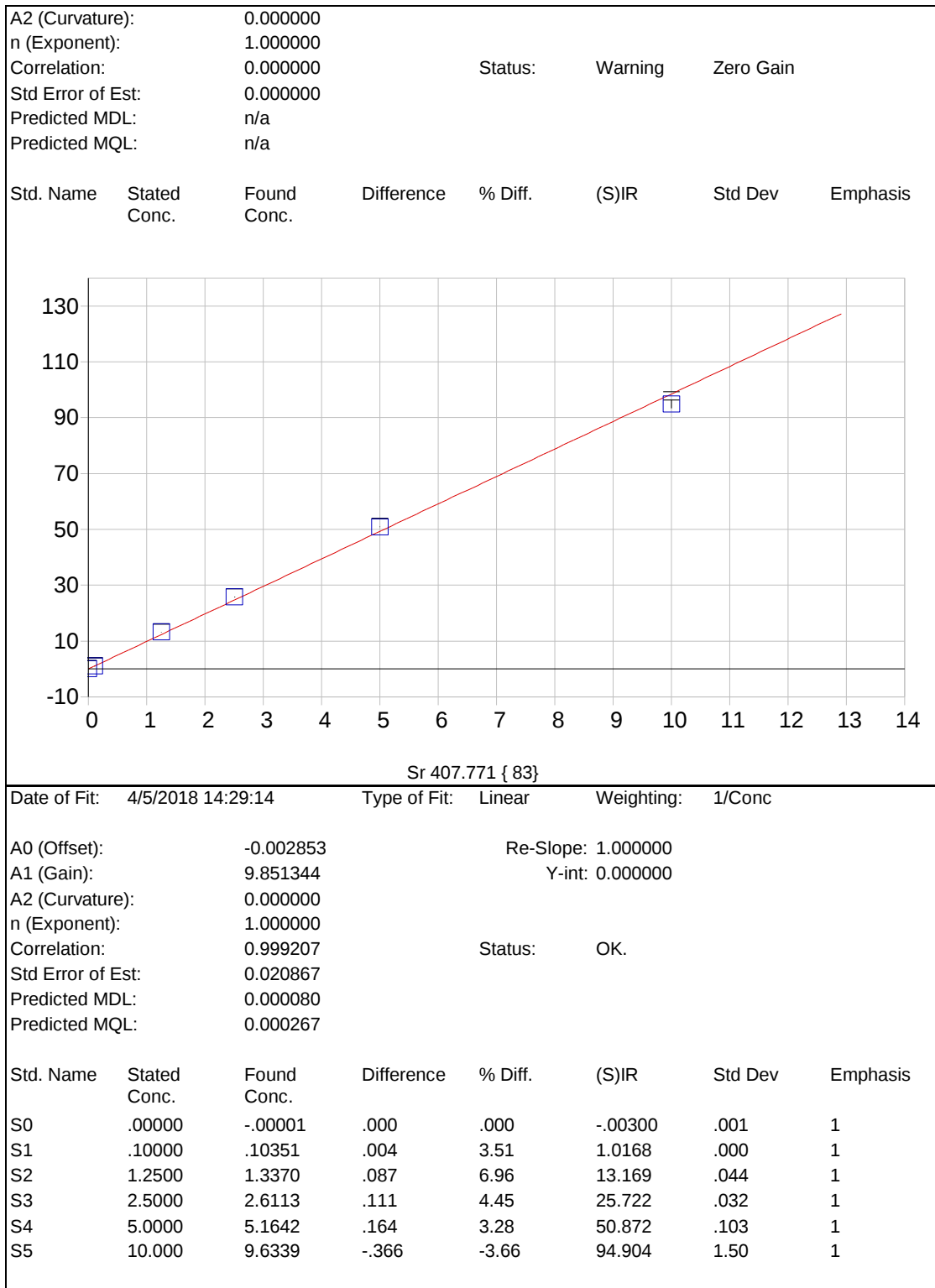


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 4/5/2018 12:06:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	-.00012	-.00039	-.00031	.00032	.00068	.00056	-.00667	-.00201
Stddev	.00006	.00007	.00025	.00008	.00012	.00039	.00087	.00015
%RSD	51.826	18.998	80.964	24.655	17.821	70.299	12.986	7.5392

#1	-.00005	-.00042	-.00002	.00027	.00055	.00048	-.00575	-.00186
#2	-.00018	-.00030	-.00048	.00041	.00073	.00098	-.00682	-.00200
#3	-.00013	-.00044	-.00044	.00028	.00078	.00021	-.00746	-.00216

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	-.00006	.00218	-.00007	-.00039	.00047	.00007	.00003	-.00015
Stddev	.00015	.00057	.00001	.00010	.00029	.00030	.00016	.00008
%RSD	277.12	26.015	16.647	26.256	62.701	439.98	510.34	55.312

#1	-.00014	.00258	-.00006	-.00027	.00078	-.00023	.00022	-.00016
#2	-.00015	.00153	-.00008	-.00045	.00043	.00006	-.00008	-.00006
#3	.00012	.00242	-.00006	-.00045	.00020	.00037	-.00004	-.00023

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	-.00158	-.00012	-.01393	.00008	-.00092	.04915	-.00098	.00603
Stddev	.00012	.00004	.00181	.00034	.00076	.00126	.00003	.00030
%RSD	7.8790	36.974	13.005	430.04	82.215	2.5599	3.2500	5.0325

#1	-.00160	-.00013	-.01216	-.00021	-.00165	.04847	-.00096	.00580
#2	-.00145	-.00007	-.01578	-.00001	-.00099	.04838	-.00097	.00591
#3	-.00170	-.00015	-.01385	.00046	-.00013	.05060	-.00102	.00637

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	.00006	.00112	.00244	.00033	.00095	.00233	-.00300	
Stddev	.00009	.00018	.00013	.00013	.00043	.00071	.00054	
%RSD	156.57	15.664	5.5087	40.009	45.210	30.555	17.963	

#1	.00007	.00110	.00234	.00038	.00139	.00152	-.00273	
#2	-.00004	.00131	.00259	.00018	.00092	.00264	-.00362	
#3	.00014	.00096	.00239	.00042	.00054	.00284	-.00264	

Sample Name: S0 Acquired: 4/5/2018 12:06:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	1315.0	2714.8	31961.	6776.5	3366.8
Stddev	13.0	24.0	409.	55.0	29.4
%RSD	.99045	.88541	1.2801	.81092	.87459
#1	1306.8	2733.8	31851.	6756.1	3384.0
#2	1308.2	2722.7	31618.	6734.7	3383.5
#3	1330.0	2687.8	32414.	6838.8	3332.8

Sample Name: S1 Acquired: 4/5/2018 12:10:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.00016	.00108	.00197	.00235	.00811	.01249	.57215	.01945
Stddev	.00014	.00002	.00005	.00014	.00011	.00084	.00226	.00077
%RSD	87.380	2.0292	2.6855	5.9921	1.2963	6.6924	.39456	3.9419

#1	.00020	.00105	.00202	.00247	.00819	.01173	.57474	.01878
#2	.00000	.00108	.00191	.00219	.00799	.01235	.57112	.02028
#3	.00028	.00110	.00198	.00239	.00814	.01339	.57059	.01928

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	.01580	.25046	.00171	.04695	.00377	.00260	.00585	.04110
Stddev	.00011	.00025	.00004	.00006	.00027	.00024	.00018	.00032
%RSD	.68911	.09943	2.4877	.12083	7.2860	9.2593	3.0985	.78718

#1	.01590	.25074	.00168	.04692	.00347	.00232	.00588	.04144
#2	.01569	.25037	.00168	.04691	.00383	.00273	.00565	.04080
#3	.01583	.25026	.00176	.04701	.00401	.00275	.00601	.04106

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	.02055	.00455	.01889	.00314	.00908	.13680	-.00055	.00971
Stddev	.00019	.00008	.00177	.00017	.00032	.00147	.00003	.00015
%RSD	.90452	1.7123	9.3517	5.4623	3.4872	1.0760	5.0844	1.5637

#1	.02034	.00446	.02038	.00333	.00876	.13599	-.00052	.00955
#2	.02069	.00458	.01694	.00308	.00940	.13592	-.00058	.00973
#3	.02063	.00460	.01936	.00300	.00908	.13850	-.00055	.00985

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	.00889	.00365	.03809	.00087	.03203	.06141	1.0168	
Stddev	.00006	.00004	.00064	.00001	.00024	.00082	.0004	
%RSD	.66490	1.0870	1.6848	1.3878	.75094	1.3397	.04038	

#1	.00888	.00360	.03763	.00088	.03203	.06214	1.0164	
#2	.00884	.00368	.03882	.00088	.03179	.06157	1.0173	
#3	.00896	.00366	.03781	.00086	.03227	.06051	1.0168	

Sample Name: S1 Acquired: 4/5/2018 12:10:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	1296.6	2708.5	31364.	6769.6	3346.2
Stddev	7.3	9.0	37.	51.7	9.7
%RSD	.56496	.33397	.11932	.76422	.29103
#1	1295.0	2705.4	31338.	6815.6	3344.2
#2	1290.2	2718.7	31407.	6779.7	3356.8
#3	1304.6	2701.5	31347.	6713.6	3337.6

Sample Name: S2 Acquired: 4/5/2018 12:14:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.05423	.07645	1.4167	.08146	.16500	2.3098	7.3803	.52487
Stddev	.00058	.00120	.0078	.00073	.00027	.0146	.0387	.00566
%RSD	1.0698	1.5707	.55034	.89387	.16223	.63184	.52426	1.0788

#1	.05422	.07665	1.4213	.08145	.16485	2.2942	7.3811	.52307
#2	.05365	.07516	1.4077	.08074	.16485	2.3121	7.3412	.53122
#3	.05481	.07754	1.4211	.08220	.16531	2.3231	7.4185	.52033

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	2.0205	3.1067	.66488	.62505	.45186	.89075	1.4390	.53354
Stddev	.0106	.0196	.00018	.00438	.00233	.00021	.0146	.00113
%RSD	.52497	.63111	.02681	.70103	.51461	.02339	1.0134	.21213

#1	2.0279	3.0969	.66495	.62749	.44968	.89060	1.4316	.53290
#2	2.0084	3.0940	.66468	.62000	.45160	.89067	1.4296	.53288
#3	2.0253	3.1293	.66501	.62767	.45431	.89099	1.4558	.53485

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	.35542	.14543	.22961	.03894	.52128	.74838	.03880	.51563
Stddev	.00237	.00075	.00112	.00015	.00107	.00373	.00064	.00766
%RSD	.66775	.51318	.48756	.38610	.20489	.49838	1.6455	1.4855

#1	.35697	.14605	.22887	.03897	.52098	.74409	.03926	.51089
#2	.35269	.14564	.22906	.03907	.52039	.75078	.03807	.52446
#3	.35660	.14461	.23090	.03878	.52246	.75028	.03907	.51152

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	1.1131	.03841	.50741	.12603	.41547	1.5700	13.169	
Stddev	.0044	.00039	.00590	.00107	.00354	.0035	.044	
%RSD	.39227	1.0270	1.1619	.84789	.85245	.22084	.33538	

#1	1.1167	.03858	.50459	.12640	.41165	1.5726	13.118	
#2	1.1083	.03796	.51419	.12483	.41609	1.5661	13.196	
#3	1.1144	.03869	.50346	.12687	.41865	1.5714	13.193	

Sample Name: S2 Acquired: 4/5/2018 12:14:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	1224.1	2581.4	30465.	6657.4	3010.6
Stddev	3.9	12.5	107.	54.4	16.6
%RSD	.31916	.48494	.35023	.81746	.55025
#1	1227.7	2567.0	30411.	6710.2	2993.3
#2	1220.0	2588.3	30588.	6601.5	3026.4
#3	1224.6	2588.9	30396.	6660.5	3012.0

Sample Name: S3 Acquired: 4/5/2018 12:18:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.10914	.15140	2.8040	.16294	.33190	4.5197	14.351	.99487
Stddev	.00104	.00201	.0332	.00155	.00407	.0173	.023	.00253
%RSD	.95197	1.3292	1.1843	.95332	1.2255	.38289	.15803	.25461

#1	.10850	.15037	2.7817	.16158	.32856	4.5302	14.325	.99777
#2	.11034	.15372	2.8422	.16463	.33643	4.4997	14.363	.99309
#3	.10859	.15012	2.7882	.16262	.33072	4.5291	14.365	.99374

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0133	5.9186	1.2760	1.2439	.87203	1.7079	2.7327	1.0415
Stddev	.0459	.0106	.0022	.0143	.00187	.0109	.0115	.0053
%RSD	1.1424	.17847	.17670	1.1470	.21478	.64032	.42235	.50891

#1	3.9837	5.9082	1.2751	1.2355	.87187	1.6958	2.7201	1.0354
#2	4.0661	5.9184	1.2743	1.2603	.87025	1.7170	2.7427	1.0448
#3	3.9900	5.9293	1.2785	1.2358	.87399	1.7109	2.7355	1.0443

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	.70708	.27994	.45580	.07557	1.0165	1.4257	.08009	.97803
Stddev	.00771	.00083	.00089	.00061	.0100	.0008	.00107	.00500
%RSD	1.0897	.29551	.19494	.81365	.98013	.05915	1.3330	.51149

#1	.70229	.28089	.45609	.07535	1.0279	1.4266	.08000	.98141
#2	.71597	.27956	.45651	.07626	1.0125	1.4249	.08121	.97228
#3	.70297	.27937	.45480	.07509	1.0092	1.4256	.07908	.98039

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	2.2344	.07800	.93492	.25404	.80251	3.0788	25.722	
Stddev	.0257	.00113	.00185	.00320	.00571	.0075	.032	
%RSD	1.1515	1.4472	.19747	1.2614	.71107	.24291	.12616	

#1	2.2139	.07724	.93650	.25145	.80109	3.0780	25.685	
#2	2.2632	.07930	.93289	.25762	.79765	3.0718	25.737	
#3	2.2259	.07745	.93536	.25306	.80879	3.0867	25.745	

Sample Name: S3 Acquired: 4/5/2018 12:18:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	1201.0	2477.2	30341.	6702.0	2852.3
Stddev	16.9	22.5	200.	15.5	28.7
%RSD	1.4079	.90799	.65833	.23149	1.0048
#1	1192.0	2492.4	30226.	6686.7	2869.3
#2	1190.6	2451.4	30225.	6701.7	2819.2
#3	1220.5	2488.0	30571.	6717.7	2868.4

Sample Name: S4 Acquired: 4/5/2018 12:22:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.22292	.29549	5.6203	.32788	.67394	9.0990	28.463	1.9462
Stddev	.00093	.00251	.0184	.00135	.00288	.0078	.099	.0302
%RSD	.41695	.84977	.32775	.41299	.42735	.08622	.34656	1.5531

#1	.22366	.29823	5.6401	.32937	.67617	9.1078	28.562	1.9808
#2	.22188	.29495	5.6037	.32673	.67069	9.0928	28.364	1.9255
#3	.22323	.29329	5.6170	.32753	.67496	9.0965	28.462	1.9322

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	7.9457	11.597	2.4752	2.4766	1.7236	3.3027	5.2924	2.0726
Stddev	.0246	.049	.0174	.0075	.0027	.0163	.0220	.0131
%RSD	.31022	.42296	.70286	.30225	.15513	.49233	.41557	.63361

#1	7.9742	11.648	2.4623	2.4851	1.7243	3.3172	5.3084	2.0817
#2	7.9319	11.550	2.4683	2.4709	1.7206	3.2851	5.2673	2.0576
#3	7.9310	11.593	2.4950	2.4737	1.7258	3.3060	5.3015	2.0786

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	1.4021	.55379	.91253	.14771	2.0573	2.8418	.16505	1.9035
Stddev	.0046	.00220	.00541	.00046	.0478	.0096	.00135	.0312
%RSD	.33150	.39639	.59263	.31073	2.3255	.33911	.81656	1.6409

#1	1.4074	.55376	.91855	.14823	2.0025	2.8512	.16657	1.9395
#2	1.3987	.55161	.90807	.14737	2.0792	2.8319	.16401	1.8866
#3	1.4002	.55600	.91098	.14753	2.0903	2.8422	.16456	1.8844

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	4.4554	.16068	1.8562	.50708	1.5811	6.1956	50.872	
Stddev	.0134	.00083	.0283	.00204	.0012	.0140	.103	
%RSD	.30072	.51622	1.5267	.40196	.07251	.22584	.20333	

#1	4.4693	.16164	1.8889	.50937	1.5817	6.2115	50.979	
#2	4.4425	.16026	1.8407	.50638	1.5818	6.1900	50.772	
#3	4.4543	.16015	1.8389	.50548	1.5798	6.1853	50.865	

Sample Name: S4 Acquired: 4/5/2018 12:22:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	1121.4	2306.2	29183.	6553.1	2630.7
Stddev	14.1	7.7	282.	58.6	9.7
%RSD	1.2610	.33223	.96716	.89485	.37059
#1	1131.8	2298.5	29429.	6491.4	2619.6
#2	1127.1	2313.8	29246.	6608.1	2638.1
#3	1105.3	2306.2	28875.	6559.7	2634.4

Sample Name: S5 Acquired: 4/5/2018 12:26:04 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.44529	.55118	10.864	.64191	1.3406	17.709	53.989	3.6827
Stddev	.00205	.00469	.063	.00352	.0113	.059	.912	.0404
%RSD	.46145	.85152	.57796	.54826	.83930	.33254	1.6885	1.0973

#1	.44376	.55547	10.865	.64148	1.3301	17.670	53.784	3.6489
#2	.44449	.54616	10.801	.63862	1.3393	17.679	53.197	3.6718
#3	.44763	.55190	10.927	.64562	1.3525	17.776	54.985	3.7274

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	15.003	22.166	4.5969	4.7210	3.3131	6.1989	9.9934	4.0402
Stddev	.080	.090	.0077	.0298	.0089	.0265	.0535	.0161
%RSD	.53476	.40813	.16769	.63156	.26786	.42742	.53550	.39829

#1	15.004	22.063	4.5918	4.7172	3.3087	6.1686	9.9317	4.0221
#2	14.921	22.203	4.5931	4.6932	3.3072	6.2178	10.027	4.0529
#3	15.082	22.232	4.6057	4.7525	3.3233	6.2103	10.022	4.0456

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	2.6527	1.0735	1.7924	.28192	4.0382	5.5597	.32641	3.5351
Stddev	.0153	.0028	.0024	.00141	.0426	.0295	.00282	.0521
%RSD	.57545	.25748	.13374	.49957	1.0551	.53046	.86496	1.4726

#1	2.6520	1.0716	1.7898	.28039	4.0791	5.5394	.32878	3.4960
#2	2.6377	1.0767	1.7929	.28316	4.0413	5.5463	.32329	3.5152
#3	2.6682	1.0722	1.7945	.28221	3.9941	5.5936	.32715	3.5942

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	8.5605	.31831	3.4458	.96078	2.9980	12.218	94.904	
Stddev	.0579	.00295	.0425	.00585	.0091	.028	1.495	
%RSD	.67645	.92572	1.2319	.60933	.30343	.23225	1.5756	

#1	8.5152	.32073	3.4147	.96318	2.9922	12.194	94.707	
#2	8.5405	.31503	3.4286	.95410	2.9934	12.249	93.516	
#3	8.6257	.31918	3.4942	.96505	3.0085	12.210	96.488	

Sample Name: S5 Acquired: 4/5/2018 12:26:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	1019.0	2140.9	28218.	6478.6	2448.3
Stddev	3.4	14.0	70.	63.7	10.4
%RSD	.33296	.65454	.24820	.98388	.42282
#1	1015.2	2154.8	28207.	6514.5	2451.4
#2	1020.1	2141.1	28154.	6516.3	2456.7
#3	1021.6	2126.7	28293.	6405.0	2436.7

Sample Name: S6 Acquired: 4/5/2018 12:30:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	51.487	38.884	17.951	7.2271	5.4325
Stddev	.294	.238	.162	.0526	.0332
%RSD	.57105	.61251	.90123	.72802	.61182

#1	51.822	39.076	18.049	7.2612	5.4631
#2	51.272	38.959	18.039	7.2536	5.4373
#3	51.368	38.617	17.764	7.1665	5.3971

Int. Std.	Y_3710
Units	Cts/S
Avg	6255.5
Stddev	53.9
%RSD	.86209

#1	6193.5
#2	6292.0
#3	6280.8

Sample Name: ICV Acquired: 4/5/2018 12:34:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008049	1.118327	.9658348	1.022267	.9572029	2.379151
Stddev	.014907	.016118	.0180181	.019030	.0143353	.018707
%RSD	1.478792	1.441303	1.865546	1.861550	1.497620	.7862918

#1	1.024205	1.134010	.9817219	1.042205	.9701625	2.396196
#2	1.005114	1.119165	.9695251	1.020297	.9596415	2.359137
#3	.994828	1.101806	.9462572	1.004298	.9418047	2.382121

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149404	.5100239	.5034387	10.36375	.4910340	.4988191
Stddev	.0003597	.0044713	.0086381	.02688	.0015284	.0089879
%RSD	.0698507	.8766777	1.715814	.2593609	.3112550	1.801841

#1	.5152682	.5084666	.5120833	10.36502	.4925875	.5069939
#2	.5149973	.5150656	.5034257	10.38998	.4895321	.5002690
#3	.5145556	.5065395	.4948072	10.33626	.4909826	.4891944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5295102	5.367897	.5365733	5.780850	.5121917	.4932151
Stddev	.0026107	.014613	.0009801	.039368	.0090313	.0048448
%RSD	.4930470	.2722352	.1826541	.6810079	1.763263	.9822836

#1	.5287213	5.384487	.5359788	5.761857	.5208565	.4900830
#2	.5273848	5.356932	.5377045	5.754579	.5128847	.4987954
#3	.5324244	5.362271	.5360366	5.826113	.5028339	.4907670

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.526239	.5268285	1.121750	9.334999	F .0129439	F .0021072
Stddev	.040735	.0105364	.021594	.053427	.0018595	.0014464
%RSD	.4276104	1.999970	1.925042	.5723262	14.36596	68.64098

#1	9.507950	.5383311	1.112767	9.275450	.0150644	.0033803
#2	9.572913	.5176446	1.146386	9.378734	.0115913	.0005344
#3	9.497854	.5245096	1.106097	9.350812	.0121762	.0024068

Sample Name: ICV Acquired: 4/5/2018 12:34:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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 .0002485	.0006749	.0040973	F -.001141	-.002461	.0008095
Stddev	.0000807	.0025793	.0014873	.000850	.001248	.0005736
%RSD	32.49175	382.1919	36.30000	74.50132	50.71118	70.85756

#1	.0003219	.0013058	.0037928	-.002109	-.003898	.0012197
#2	.0001620	.0028802	.0057132	-.000513	-.001828	.0001541
#3	.0002616	-.002161	.0027857	-.000802	-.001656	.0010546

Elem	Sr4077
Units	ppm
Avg	.0121554
Stddev	.0000239
%RSD	.1968480

#1	.0121478
#2	.0121363
#3	.0121823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.440	2654.388	31937.37	6907.322	3266.297
Stddev	19.124	48.578	106.87	5.338	60.629
%RSD	1.463801	1.830117	.3346116	.0772789	1.856214

#1	1309.059	2608.508	32028.99	6901.488	3208.097
#2	1286.142	2649.379	31819.97	6911.961	3261.699
#3	1324.120	2705.276	31963.14	6908.517	3329.095

Sample Name: ICB Acquired: 4/5/2018 12:39:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	-.001225	.0008767	.0010658	.0010026	.0007468	.0049467	.0001180
Stddev	.001077	.0019281	.0020038	.0024521	.0025291	.0075363	.0006062
%RSD	87.87007	219.9153	188.0143	244.5846	338.6840	152.3514	513.7660

#1	-.001512	.0009219	.0002188	-.001823	-.001612	-.000836	-.000146
#2	-.002130	.0027819	.0033539	.002252	.003417	.013470	-.000312
#3	-.000034	-.001074	-.000375	.002578	.000436	.002206	.000811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000254	-.000010	.0121836	-.000340	.0001744	-.003046	-.004091
Stddev	.0000637	.000077	.0112957	.000550	.0002915	.001183	.010894
%RSD	251.2129	804.4323	92.71237	161.8303	167.1589	38.83386	266.2934

#1	-.000032	.000076	.0108003	-.000794	.0002993	-.002483	.005177
#2	.000094	-.000071	.0241072	.000272	-.000159	-.002249	-.001360
#3	.000013	-.000034	.0016433	-.000498	.000383	-.004405	-.016091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002669	.0045260	-.000281	-.000209	.0924448	-.000903	.0023195
Stddev	.0002969	.0128599	.000625	.000086	.0377608	.001853	.0040914
%RSD	111.2549	284.1361	222.5459	40.94952	40.84679	205.1460	176.3949

#1	.0003023	.0132049	-.000922	-.000179	.0923743	-.000782	.0032828
#2	.0005444	-.010248	-.000247	-.000143	.1302408	.000886	-.002168
#3	-.000046	.010621	.000326	-.000306	.0547194	-.002814	.005843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.155985	-.000620	-.001771	.0001569	-.002303	-.001512	-.000787
Stddev	.046262	.002108	.000501	.0000668	.005153	.001336	.000498
%RSD	29.65778	340.1166	28.30660	42.55189	223.8154	88.38243	63.25392

#1	-.198129	.001583	-.002318	.0002047	-.008184	-.002401	-.001083
#2	-.163340	-.000824	-.001661	.0001855	.001421	.000025	-.000212
#3	-.106487	-.002618	-.001334	.0000806	-.000144	-.002160	-.001066

Sample Name: ICB Acquired: 4/5/2018 12:39:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	-.000615	-.000483	-.000008
Stddev	.001060	.000645	.000105
%RSD	172.2980	133.6308	1268.267

#1	-.001741	-.001207	-.000032
#2	.000364	-.000270	-.000099
#3	-.000469	.000029	.000107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.978	2648.741	32034.01	6888.675	3307.926
Stddev	6.552	29.668	278.25	49.904	42.592
%RSD	.4986075	1.120066	.8686199	.7244289	1.287577

#1	1306.470	2682.994	31734.34	6882.200	3357.037
#2	1316.922	2631.184	32083.50	6941.500	3281.101
#3	1318.540	2632.044	32284.20	6842.325	3285.640

Sample Name: ICSA Acquired: 4/5/2018 12:43:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.0026536	-.000953	-.006892	.0002650	.0062891	230.4763
Stddev	.0012220	.002322	.000419	.0062922	.0027155	.6794
%RSD	46.05263	243.6951	6.075640	2374.655	43.17746	.2947930

#1	.0036727	-.003418	-.006511	.0068706	.0045881	231.1532
#2	.0012988	.001193	-.007340	-.000417	.0094207	230.4814
#3	.0029893	-.000633	-.006826	-.005658	.0048584	229.7943

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052683	.0010745	-.000184	239.2912	.0506661	-.000701
Stddev	.0006946	.0000240	.000090	.5206	.0002644	.000317
%RSD	13.18535	2.238624	48.91190	.2175638	.5217757	45.15101

#1	.0049952	.0010520	-.000090	238.7294	.0507720	-.000670
#2	.0060579	.0010716	-.000192	239.3869	.0508612	-.000401
#3	.0047516	.0010999	-.000269	239.7573	.0503652	-.001032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006096	96.42072	.0123692	235.8808	.0057715	.0019269
Stddev	.001305	.49783	.0003202	1.2054	.0005753	.0002239
%RSD	21.40147	.5163100	2.588992	.5110077	9.968840	11.62095

#1	-.007485	95.95078	.0119995	234.6086	.0063719	.0019382
#2	-.004896	96.36898	.0125561	236.0279	.0052250	.0016975
#3	-.005907	96.94240	.0125522	237.0058	.0057177	.0021449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0770556	.0005125	-.010778	-.483347	-.000639	F -.022066
Stddev	.1820913	.0026871	.004929	.071763	.003761	.002873
%RSD	236.3117	524.2950	45.72884	14.84711	588.4393	13.01945

#1	-.123503	.0023794	-.016406	-.547658	-.000268	-.025357
#2	.232010	.0017254	-.008696	-.496445	-.004571	-.020784
#3	.122660	-.002567	-.007232	-.405937	.002922	-.020058

Sample Name: ICSA Acquired: 4/5/2018 12:43:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.0024317	.0011331	-.002003	-.004553	-.003116	.0022915
Stddev	.0003666	.0039941	.000153	.001079	.001744	.0008559
%RSD	15.07691	352.4976	7.634334	23.69252	55.99261	37.35228

#1	.0022468	.0005814	-.001867	-.004188	-.005122	.0029851
#2	.0028539	.0053744	-.001973	-.003704	-.002270	.0025544
#3	.0021943	-.002556	-.002169	-.005767	-.001955	.0013350

Elem	Sr4077
Units	ppm
Avg	.1019364
Stddev	.0000653
%RSD	.0640512

#1	.1019052
#2	.1020114
#3	.1018926

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.957	2472.907	29908.83	6707.293	2785.684
Stddev	10.738	12.146	86.14	23.436	11.589
%RSD	.8758516	.4911591	.2880185	.3494033	.4160024

#1	1231.871	2459.136	29934.71	6695.136	2773.272
#2	1213.563	2477.492	29812.71	6734.309	2787.559
#3	1232.438	2482.093	29979.06	6692.434	2796.220

Sample Name: ICSAB Acquired: 4/5/2018 12:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	.1073413	.0980279	.0417316	.0465394	.5867281	235.0164
Stddev	.0027832	.0045339	.0002722	.0065571	.0037499	.9352
%RSD	2.592888	4.625154	.6522177	14.08936	.6391203	.3979321

#1	.1056597	.0946435	.0415265	.0495215	.5831957	233.9430
#2	.1105539	.0962609	.0420404	.0390213	.5906630	235.4515
#3	.1058102	.1031793	.0416279	.0510755	.5863255	235.6548

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219019	.4987870	.9949972	242.6548	.5317517	.5010723
Stddev	.0028024	.0060299	.0044428	2.1388	.0033697	.0020287
%RSD	.5369657	1.208921	.4465124	.8814085	.6337042	.4048757

#1	.5192971	.4937251	.9948766	240.9500	.5331896	.5017201
#2	.5248671	.5054583	.9906160	245.0547	.5341639	.4987987
#3	.5215415	.4971775	.9994991	241.9598	.5279015	.5026979

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134072	98.06421	.5282805	239.6242	1.009086	.2036892
Stddev	.0074346	1.08647	.0040355	2.0653	.004061	.0022079
%RSD	1.448096	1.107913	.7638988	.8619118	.4024391	1.083961

#1	.5114103	97.61388	.5244048	238.6091	1.007352	.2019453
#2	.5216364	99.30343	.5324588	242.0007	1.006179	.2061718
#3	.5071750	97.27532	.5279780	238.2629	1.013726	.2029506

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1436313	.5093617	1.127715	-1.19876	.2834146	F .2816941
Stddev	.2008802	.0072343	.003530	.05747	.0078630	.0036436
%RSD	139.8582	1.420275	.3130097	4.794438	2.774366	1.293456

#1	.1653407	.5022652	1.131670	-1.21267	.2908076	.2796572
#2	-.067222	.5167264	1.124883	-1.13561	.2751537	.2859007
#3	.332775	.5090934	1.126593	-1.24801	.2842826	.2795245

Sample Name: ICSAB Acquired: 4/5/2018 12:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) 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	F .3058993	.2984303	.2691060	F .2985378	.3072465	.3105934
Stddev	.0008524	.0106395	.0020835	.0022036	.0003794	.0025958
%RSD	.2786621	3.565157	.7742177	.7381445	.1234925	.8357390
#1	.3058686	.2970137	.2671194	.3003055	.3075741	.3076446
#2	.3050626	.2885701	.2712744	.2960689	.3073345	.3125329
#3	.3067667	.3097072	.2689241	.2992392	.3068308	.3116027

Elem	Sr4077
Units	ppm
Avg	.4209055
Stddev	.0019701
%RSD	.4680747
#1	.4189460
#2	.4228861
#3	.4208842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.804	2420.735	29411.13	6668.081	2755.804
Stddev	15.480	6.454	248.91	59.948	5.799
%RSD	1.298890	.2666174	.8463051	.8990281	.2104286
#1	1202.362	2423.487	29613.72	6731.904	2752.937
#2	1174.034	2425.356	29133.28	6612.960	2762.479
#3	1199.017	2413.360	29486.40	6659.379	2751.998

Sample Name: CCV072 Acquired: 4/5/2018 12:51:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.064721	5.056077	25.57829	5.126894	5.195703	394.0007	10.26908
Stddev	.030283	.069859	.10976	.039793	.026571	2.1071	.01503
%RSD	.5979146	1.381686	.4291055	.7761672	.5114093	.5347990	.1463677

#1	5.097468	5.128674	25.69930	5.170658	5.226381	396.3743	10.27012
#2	5.058967	5.050234	25.55040	5.117138	5.180764	393.2770	10.28357
#3	5.037728	4.989323	25.48517	5.092885	5.179963	392.3508	10.25356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009613	2.577140	389.1367	15.16180	2.586971	15.50206	388.7295
Stddev	.0044382	.016056	.6515	.01401	.008984	.03800	.5166
%RSD	.8859277	.6230199	.1674126	.0923735	.3472654	.2451574	.1328890

#1	.5060604	2.593498	389.7351	15.14774	2.597003	15.54494	388.8099
#2	.4979681	2.576519	389.2324	15.17575	2.584243	15.48867	388.1774
#3	.4988553	2.561404	388.4427	15.16191	2.579668	15.47256	389.2012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92701	385.9659	2.592139	1.270271	381.7925	2.499509	14.85286
Stddev	.03280	1.2394	.010675	.004124	.5286	.014119	.14749
%RSD	.2197279	.3211209	.4118094	.3246479	.1384443	.5648791	.9930049

#1	14.90695	386.1290	2.603861	1.272099	381.9613	2.487423	15.02308
#2	14.96486	384.6530	2.589580	1.273165	381.2001	2.515028	14.77254
#3	14.90923	387.1156	2.582978	1.265549	382.2159	2.496077	14.76297

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.7443	5.203148	4.829605	5.130834	5.327633	4.884803	5.176061
Stddev	.7298	.054277	.036017	.028809	.079021	.050566	.038066
%RSD	.4626294	1.043154	.7457539	.5614797	1.483237	1.035169	.7354244

#1	158.5753	5.262150	4.871113	5.162984	5.408043	4.942754	5.213976
#2	157.4495	5.191953	4.806604	5.122159	5.324781	4.862008	5.176361
#3	157.2080	5.155342	4.811099	5.107360	5.250077	4.849647	5.137845

Sample Name: CCV072 Acquired: 4/5/2018 12:51:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.125116	5.227175	5.229336
Stddev	.031041	.016338	.015468
%RSD	.6056615	.3125580	.2957955

#1	5.160895	5.245416	5.247055
#2	5.109079	5.213887	5.222422
#3	5.105374	5.222222	5.218531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1096.855	2194.691	28689.55	6569.243	2448.050
Stddev	10.568	6.489	26.30	53.513	6.213
%RSD	.9634809	.2956786	.0916857	.8145946	.2537809

#1	1084.829	2187.579	28659.99	6514.674	2440.895
#2	1101.073	2200.289	28698.29	6621.632	2451.188
#3	1104.663	2196.205	28710.37	6571.421	2452.068

Sample Name: CCB072 Acquired: 4/5/2018 12:55:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002651	.0016321	.0025880	.0010735	.0006036	.0317893	-.000379
Stddev	.000111	.0036304	.0019634	.0044240	.0005548	.0030068	.000906
%RSD	4.174581	222.4324	75.86581	412.0851	91.90552	9.458501	238.7396

#1	-.002662	.0049459	.0038702	-.004034	.0008089	.0341483	.000597
#2	-.002756	-.002248	.0003277	.003698	-.000025	.0328159	-.001192
#3	-.002536	.002199	.0035662	.003556	.001026	.0284036	-.000544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000621	.0000813	.0318008	.0009524	.0001603	.0015361	.0274328
Stddev	.0000835	.0000539	.0121548	.0005744	.0000990	.0023115	.0155931
%RSD	134.5866	66.28847	38.22152	60.30840	61.75549	150.4764	56.84112

#1	.0001585	.0001424	.0410595	.0014586	.0002665	.0002423	.0447115
#2	.0000162	.0000406	.0363064	.0010705	.0000704	.0042047	.0231787
#3	.0000115	.0000609	.0180366	.0003282	.0001441	.0001613	.0144082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005951	.0159094	-.000080	-.000061	.1392658	-.004757	.0045245
Stddev	.0001772	.0057645	.000096	.000173	.3019475	.001867	.0066001
%RSD	29.77279	36.23306	119.9825	282.5966	216.8137	39.23658	145.8729

#1	.0006743	.0136622	-.000095	-.000198	-.057837	-.002628	.0117674
#2	.0007189	.0116070	.000022	.000133	-.011251	-.006113	.0029566
#3	.0003921	.0224590	-.000168	-.000119	.486886	-.005531	-.001150

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.258538	-.001475	.0000775	.0003519	.0017496	-.001058	-.000327
Stddev	.073605	.001051	.0006283	.0001964	.0032607	.000251	.000951
%RSD	28.46959	71.22386	811.0103	55.80225	186.3644	23.69874	290.5300

#1	-.234143	-.000326	-.000233	.0004751	.0050473	-.001343	.000771
#2	-.341243	-.002387	-.000335	.0004552	.0016743	-.000963	-.000867
#3	-.200228	-.001713	.000801	.0001255	-.001473	-.000869	-.000886

Sample Name: CCB072 Acquired: 4/5/2018 12:55:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000438	.0000834	.0003294
Stddev	.000449	.0005004	.0000337
%RSD	102.5096	599.7806	10.22383

#1	.000079	.0002916	.0003599
#2	-.000725	-.000487	.0003351
#3	-.000668	.000446	.0002933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.795	2649.962	31936.79	6962.617	3315.686
Stddev	3.394	23.702	85.50	25.740	25.558
%RSD	.2609227	.8944430	.2677294	.3696841	.7708080

#1	1304.283	2625.833	32035.26	6933.050	3288.079
#2	1297.503	2673.213	31893.78	6980.025	3338.522
#3	1300.598	2650.841	31881.33	6974.775	3320.456

Sample Name: J2116-11 Acquired: 4/5/2018 12:59:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535372	.0004387	.0027242	.0035886	.0000465	.0208678	.1531226
Stddev	.0051756	.0005334	.0011583	.0015863	.0021088	.0023121	.0005518
%RSD	9.667358	121.5874	42.51882	44.20439	4532.504	11.07974	.3603823

#1	.0475630	-.000139	.0021728	.0053519	.0003070	.0235360	.1536991
#2	.0566619	.000544	.0040552	.0022773	.0020131	.0194538	.1525993
#3	.0563867	.000912	.0019446	.0031367	-.002180	.0196136	.1530694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003173	-.000146	43.77187	-.004152	-.000631	-.000802	34.86313
Stddev	.0000360	.000079	.24229	.000264	.000155	.001414	.16842
%RSD	11.34621	53.72575	.5535266	6.354604	24.51039	176.2734	.4830872

#1	.0003437	-.000140	43.87654	-.004435	-.000805	-.000183	34.80781
#2	.0002763	-.000071	43.49484	-.004108	-.000509	-.002420	34.72932
#3	.0003320	-.000228	43.94423	-.003912	-.000580	.000197	35.05225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.735422	17.58137	-.000531	.0006467	208.3009	-.001885	.0016385
Stddev	.021953	.14399	.000434	.0004134	1.0303	.001955	.0029120
%RSD	.5876960	.8189710	81.72413	63.91736	.4946286	103.7394	177.7179

#1	3.736928	17.53816	-.000321	.0001876	208.2584	-.003366	.0049618
#2	3.712755	17.46394	-.000242	.0007634	207.2926	-.002620	.0004205
#3	3.756583	17.74202	-.001030	.0009893	209.3519	.000331	-.000467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.39670	.0287642	.2979483	-.000273	11.69124	4.853708	.0007259
Stddev	.12802	.0026711	.0006436	.000110	.16702	.032665	.0009102
%RSD	.8892216	9.286301	.2160248	40.26396	1.428588	.6729873	125.3886

#1	14.46081	.0312742	.2972362	-.000173	11.54316	4.843998	.0017034
#2	14.24930	.0259568	.2981200	-.000254	11.65827	4.827000	-.000097
#3	14.48000	.0290615	.2984887	-.000391	11.87229	4.890127	.000571

Sample Name: J2116-11 Acquired: 4/5/2018 12:59:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002187	-.000845	.4340131
Stddev	.001051	.001370	.0035589
%RSD	48.03784	162.0904	.8200051

#1	-.002193	-.000077	.4350424
#2	-.001134	-.002427	.4300529
#3	-.003235	-.000032	.4369439

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.114	2721.526	33014.12	7154.790	3244.347
Stddev	4.261	26.864	45.72	63.145	32.540
%RSD	.3105584	.9870750	.1384995	.8825612	1.002973

#1	1375.954	2738.790	33024.41	7176.813	3261.388
#2	1372.859	2735.214	32964.13	7203.975	3264.827
#3	1367.530	2690.576	33053.82	7083.582	3206.826

Sample Name: J2116-12 Acquired: 4/5/2018 13:03:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035406	.0012213	.0025808	.0015660	-.002744	.2299260	.0727652
Stddev	.0043098	.0018278	.0014434	.0018053	.002376	.0032380	.0010523
%RSD	121.7257	149.6526	55.92889	115.2817	86.57381	1.408292	1.446162

#1	.0082376	.0015886	.0039419	.0023050	-.001887	.2328640	.0717605
#2	-.000232	-.000762	.0010672	.0028844	-.005429	.2304597	.0726759
#3	.002616	.002838	.0027333	-.000492	-.000916	.2264542	.0738594

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033935	.0000455	23.40908	.0016251	.0047229	.0010736	.0162555
Stddev	.0000864	.0000240	.26024	.0002521	.0003230	.0035726	.0101834
%RSD	2.546679	52.75262	1.111713	15.51654	6.838030	332.7747	62.64567

#1	.0033430	.0000479	23.20933	.0013437	.0047910	.0026108	.0086520
#2	.0033442	.0000204	23.31453	.0018305	.0043714	.0036203	.0122893
#3	.0034933	.0000682	23.70338	.0017010	.0050065	-.003010	.0278252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301696	4.265158	.0259721	-.000026	247.1815	-.003769	.0516815
Stddev	.0003761	.087252	.0003542	.000083	3.5129	.001812	.0033941
%RSD	1.246612	2.045686	1.363742	326.7193	1.421165	48.08148	6.567433

#1	.0297526	4.191204	.0263119	.000071	244.0427	-.002740	.0555444
#2	.0302731	4.242881	.0259995	-.000076	246.5257	-.005862	.0491768
#3	.0304831	4.361388	.0256051	-.000072	250.9760	-.002706	.0503233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232266	-.000236	.0185726	.0000939	11.97046	1.411507	-.001121
Stddev	.073522	.002061	.0007838	.0001141	.22299	.025528	.000744
%RSD	5.966417	871.9587	4.220028	121.5253	1.862876	1.808568	66.35327

#1	1.191090	.000630	.0177628	-.000035	12.21546	1.388138	-.000272
#2	1.188559	-.002589	.0186277	.000182	11.77935	1.407631	-.001430
#3	1.317150	.001251	.0193274	.000135	11.91655	1.438751	-.001660

Sample Name: J2116-12 Acquired: 4/5/2018 13:03:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001180	-.000172	.1287338
Stddev	.000333	.001796	.0018473
%RSD	28.24393	1043.449	1.434970

#1	-.000934	-.001403	.1275885
#2	-.001046	-.001002	.1277480
#3	-.001559	.001889	.1308649

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.118	2737.889	33211.51	7244.884	3178.512
Stddev	54.226	28.841	1358.07	100.346	37.637
%RSD	3.884041	1.053391	4.089161	1.385058	1.184119

#1	1364.052	2723.254	32420.66	7318.724	3159.019
#2	1458.726	2771.113	34779.66	7285.294	3221.898
#3	1365.576	2719.300	32434.22	7130.633	3154.620

Sample Name: J2116-13 Acquired: 4/5/2018 13:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0560872	.0018328	.0031720	.0058951	.0000332	.0209537	.1537051
Stddev	.0037809	.0008414	.0010293	.0019108	.0020054	.0040717	.0013301
%RSD	6.741116	45.90988	32.44812	32.41317	6045.808	19.43205	.8653585

#1	.0542699	.0017278	.0043185	.0049114	-.002280	.0164272	.1536521
#2	.0604336	.0027217	.0023277	.0046767	.001281	.0221157	.1550608
#3	.0535580	.0010488	.0028699	.0080974	.001098	.0243180	.1524022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002422	-.000184	43.86366	-.004800	-.000550	-.002832	35.51831
Stddev	.0000852	.000010	.35013	.000339	.000113	.002182	.22391
%RSD	35.17263	5.505045	.7982290	7.069161	20.55394	77.05599	.6303960

#1	.0003167	-.000173	44.08551	-.005186	-.000514	-.000314	35.70575
#2	.0001493	-.000194	44.04545	-.004664	-.000458	-.004164	35.57881
#3	.0002604	-.000185	43.46003	-.004550	-.000676	-.004017	35.27037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.748321	17.64047	-.000712	.0007886	205.6684	-.005789	.0049945
Stddev	.026691	.21571	.000584	.0001398	1.4376	.001594	.0038268
%RSD	.7120898	1.222820	81.99162	17.73044	.6989676	27.53935	76.62042

#1	3.773533	17.84428	-.000138	.0006473	206.1180	-.004512	.0091856
#2	3.751067	17.66256	-.001305	.0007918	206.8274	-.005279	.0041115
#3	3.720362	17.41456	-.000693	.0009269	204.0598	-.007576	.0016864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58239	.0293045	.2969853	-.000376	11.74115	4.796248	-.000105
Stddev	.21087	.0001497	.0061561	.000223	.13689	.080457	.001279
%RSD	1.446035	.5109157	2.072860	59.36999	1.165880	1.677489	1215.955

#1	14.63927	.0292400	.3000722	-.000338	11.59371	4.845366	-.000102
#2	14.75897	.0294756	.3009873	-.000616	11.86421	4.839982	.001172
#3	14.34891	.0291978	.2898966	-.000174	11.76552	4.703397	-.001385

Sample Name: J2116-13 Acquired: 4/5/2018 13:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002217	-.001723	.4402239
Stddev	.000300	.001154	.0054292
%RSD	13.52527	66.93878	1.233286

#1	-.001899	-.001505	.4426282
#2	-.002495	-.000695	.4440358
#3	-.002258	-.002971	.4340076

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1351.505	2672.064	32606.04	7128.059	3194.827
Stddev	31.130	35.870	689.46	74.656	37.617
%RSD	2.303357	1.342407	2.114518	1.047351	1.177426

#1	1370.194	2713.314	33168.21	7062.051	3237.775
#2	1368.751	2648.206	32813.16	7113.046	3167.728
#3	1315.568	2654.671	31836.77	7209.081	3178.979

Sample Name: J2116-14 Acquired: 4/5/2018 13:11:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033195	.0001659	.0038978	.0008293	-.001161	.0193192	.0792364
Stddev	.0028599	.0025703	.0010455	.0002869	.001445	.0074082	.0004303
%RSD	86.15447	1549.640	26.82424	34.59771	124.4884	38.34625	.5430360

#1	.0002143	-.002790	.0051020	.0011479	-.000987	.0251736	.0787475
#2	.0058454	.001876	.0032218	.0005914	-.002684	.0217936	.0794038
#3	.0038987	.001412	.0033695	.0007485	.000190	.0109905	.0795578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001469	.0000370	30.51181	.0006609	-.000560	.0005437	.0039220
Stddev	.0001098	.0000342	.03389	.0001808	.000329	.0005123	.0032357
%RSD	74.70742	92.43666	.1110807	27.36006	58.80269	94.22064	82.50081

#1	.0002653	.0000734	30.47281	.0008567	-.000600	.0009338	.0040364
#2	.0001268	.0000057	30.53415	.0005001	-.000212	.0007338	.0070990
#3	.0000486	.0000318	30.52847	.0006260	-.000867	-.000036	.0006306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3609187	5.469220	.0006851	-.000093	210.9604	-.002870	.0173510
Stddev	.0017853	.037307	.0000840	.000072	.5203	.000108	.0054933
%RSD	.4946641	.6821299	12.26828	77.48226	.2466390	3.748265	31.65967

#1	.3621139	5.426171	.0006470	-.000017	210.9199	-.002783	.0192230
#2	.3588664	5.492134	.0006269	-.000102	210.4616	-.002838	.0111664
#3	.3617757	5.489354	.0007815	-.000161	211.4999	-.002990	.0216635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.071283	.0010298	.0605467	-.000055	5.004542	3.324861	-.002055
Stddev	.054776	.0029235	.0012995	.000132	.034068	.064725	.001093
%RSD	1.345423	283.8878	2.146332	238.2984	.6807320	1.946689	53.19648

#1	4.057366	-.000160	.0593250	-.000036	5.043767	3.290855	-.000882
#2	4.131675	-.001112	.0619121	.000066	4.982352	3.399501	-.002239
#3	4.024808	.004361	.0604029	-.000196	4.987506	3.284227	-.003045

Sample Name: J2116-14 Acquired: 4/5/2018 13:11:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000982	-.001206	.2182540
Stddev	.000803	.000849	.0005225
%RSD	81.74768	70.39330	.2394011

#1	-.001393	-.001566	.2178067
#2	-.000057	-.000236	.2188283
#3	-.001495	-.001816	.2181270

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.994	2679.337	32569.09	7211.246	3156.937
Stddev	1.865	22.526	74.39	77.064	23.331
%RSD	.1377582	.8407357	.2284029	1.068660	.7390482

#1	1352.088	2656.437	32485.33	7287.587	3137.307
#2	1355.815	2701.469	32627.46	7133.480	3182.732
#3	1354.078	2680.104	32594.47	7212.672	3150.772

Sample Name: PB107856BL Acquired: 4/5/2018 13:16:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001094	-.000296	.0013072	-.000482	.0004363	.0070865	-.001417
Stddev	.002391	.000874	.0006159	.000470	.0013648	.0227609	.000123
%RSD	218.5736	295.2609	47.11743	97.59449	312.8009	321.1874	8.659647

#1	-.000064	-.000640	.0017443	-.000905	-.000435	.0028764	-.001556
#2	-.003827	-.000945	.0015746	.000024	.002009	-.013275	-.001368
#3	.000609	.000697	.0006028	-.000565	-.000265	.031659	-.001326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000663	.0000395	.0062841	.0000343	.0000449	.0003841	.0017515
Stddev	.0000510	.0000526	.0053958	.0004111	.0001901	.0010487	.0079614
%RSD	76.84964	133.2066	85.86382	1198.748	423.3551	273.0195	454.5561

#1	.0001177	.0001001	.0113508	.0002277	.0002372	-.000624	.0049983
#2	.0000157	.0000050	.0068908	-.000438	-.000143	.001469	.0075764
#3	.0000656	.0000134	.0006106	.000313	.000041	.000307	-.007320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000284	-.003220	.0003201	.0002773	.1494489	-.003134	.0056239
Stddev	.000172	.018981	.0005033	.0001540	.1192482	.001364	.0023898
%RSD	60.58443	589.5012	157.2390	55.53340	79.79195	43.52559	42.49396

#1	-.000274	.003889	-.000047	.0003491	.2736816	-.001809	.0040916
#2	-.000462	.011181	.000113	.0001005	.1387603	-.003059	.0044024
#3	-.000118	-.024730	.000894	.0003823	.0359049	-.004534	.0083775

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.196931	-.001781	-.008660	.0002026	.0082734	-.001757	-.000273
Stddev	.051189	.000870	.000801	.0002021	.0023620	.000726	.001008
%RSD	25.99347	48.86926	9.246527	99.75663	28.54897	41.34136	369.0803

#1	-.217818	-.002688	-.007743	.0002434	.0110003	-.000994	.000003
#2	-.138601	-.001700	-.009017	.0003811	.0069574	-.001838	-.001390
#3	-.234375	-.000954	-.009220	-.000017	.0068627	-.002440	.000568

Sample Name: PB107856BL Acquired: 4/5/2018 13:16:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000864	.0016982	.0000063
Stddev	.001130	.0000754	.0000342
%RSD	130.9144	4.442590	541.6867

#1	-.002125	.0017633	-.000018
#2	.000058	.0017159	-.000009
#3	-.000523	.0016155	.000045

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1298.784	2618.787	31826.48	6941.733	3284.858
Stddev	7.947	15.857	19.88	53.791	13.684
%RSD	.6118765	.6054965	.0624693	.7748937	.4165765

#1	1289.721	2605.750	31803.82	6879.650	3272.554
#2	1304.564	2614.171	31841.02	6971.125	3282.423
#3	1302.066	2636.439	31834.59	6974.425	3299.595

Sample Name: PB107857BL Acquired: 4/5/2018 13:20:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003487	-.001359	.0008158	.0006778	.0000692	-.001526	.0000212
Stddev	.002507	.000537	.0013014	.0018030	.0018116	.006120	.0006504
%RSD	71.88279	39.51086	159.5321	266.0106	2617.733	400.9360	3071.165

#1	-.005971	-.000891	.0006905	-.001404	.0008289	.005450	-.000713
#2	-.003531	-.001240	.0021753	.001755	-.001999	-.005986	.000525
#3	-.000959	-.001945	-.000418	.001682	.001377	-.004043	.000251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000020	.0070177	-.000280	.0001660	-.001261	-.002832
Stddev	.000076	.000056	.0038261	.000278	.0001272	.000880	.007446
%RSD	4705.396	274.7060	54.52019	99.51881	76.63940	69.76973	262.9140

#1	.000086	.000043	.0026041	-.000099	.0001392	-.000248	-.005921
#2	-.000051	-.000062	.0090556	-.000600	.0003045	-.001697	-.008237
#3	-.000040	-.000042	.0093935	-.000140	.0000543	-.001839	.005661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000508	-.003253	-.000320	.0000276	.0122965	-.000079	.0022403
Stddev	.000457	.007240	.000213	.0001979	.0690013	.002227	.0074734
%RSD	89.95181	222.5762	66.54474	717.0369	561.1463	2825.412	333.5912

#1	-.000402	-.004861	-.000352	.0002482	.0767883	.001594	.0071008
#2	-.000114	.004656	-.000514	-.000134	-.060468	-.002607	.0059853
#3	-.001010	-.009553	-.000092	-.000031	.020569	.000777	-.006365

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.207735	-.000125	-.009402	.0001289	.0058186	-.002057	-.001334
Stddev	.136127	.000425	.000442	.0002320	.0045365	.001329	.000800
%RSD	65.52911	338.5393	4.696435	179.9984	77.96539	64.62487	59.95848

#1	-.197132	.000180	-.009127	.0003522	.0109204	-.001323	-.002065
#2	-.077219	-.000611	-.009911	-.000111	.0022386	-.003591	-.000480
#3	-.348853	.000054	-.009168	.000145	.0042969	-.001256	-.001457

Sample Name: PB107857BL Acquired: 4/5/2018 13:20:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000593	-.000295	-.000039
Stddev	.000448	.001065	.000059
%RSD	75.46439	361.3328	148.8740

#1	-.000832	-.001439	-.000074
#2	-.000871	.000667	-.000073
#3	-.000077	-.000112	.000028

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.460	2630.769	32142.36	6888.750	3290.518
Stddev	6.846	9.429	70.08	43.568	15.242
%RSD	.5164872	.3584083	.2180419	.6324460	.4631994

#1	1319.329	2623.883	32165.35	6921.275	3278.223
#2	1324.205	2626.908	32063.67	6839.250	3285.761
#3	1332.847	2641.516	32198.06	6905.725	3307.571

Sample Name: J2136-01 Acquired: 4/5/2018 13:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001579	-.000134	.0024805	.0048986	-.002781	.0088278	.0333753
Stddev	.000773	.002085	.0009608	.0039293	.000913	.0045647	.0001220
%RSD	48.92068	1550.898	38.73319	80.21320	32.82705	51.70824	.3656041

#1	-.001686	.000426	.0016862	.0090886	-.001732	.0132257	.0335128
#2	-.000759	-.002442	.0022069	.0012962	-.003215	.0091450	.0332800
#3	-.002293	.001613	.0035484	.0043110	-.003395	.0041128	.0333331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000930	.0000189	23.42767	.0010451	.0030520	.0012367	.0051503
Stddev	.0000694	.0000893	.06804	.0001047	.0002062	.0029426	.0046911
%RSD	74.60330	473.2287	.2904273	10.01645	6.756543	237.9486	91.08471

#1	.0000200	-.000054	23.50485	.0009336	.0028501	-.000118	.0040639
#2	.0001581	.000119	23.37635	.0011414	.0030436	.004613	.0102893
#3	.0001008	-.000008	23.40181	.0010603	.0032622	-.000784	.0010977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261396	7.325156	.0107499	.0003271	52.06073	-.002861	.0234767
Stddev	.0005778	.049059	.0003162	.0001090	.25655	.001458	.0018372
%RSD	2.210247	.6697393	2.941296	33.34383	.4927861	50.95212	7.825478

#1	.0266625	7.361114	.0103989	.0002034	52.29134	-.001199	.0213968
#2	.0262370	7.269268	.0110125	.0004096	51.78439	-.003463	.0248784
#3	.0255194	7.345086	.0108383	.0003681	52.10647	-.003922	.0241547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.899537	.0656791	-.000818	.0010944	6.259938	3.980893	-.002328
Stddev	.047639	.0012776	.000779	.0002535	.028488	.017637	.000791
%RSD	5.295910	1.945246	95.20631	23.16035	.4550809	.4430382	33.96886

#1	-.847340	.0646821	-.000178	.0009241	6.240009	3.985067	-.001548
#2	-.940669	.0671193	-.001685	.0013857	6.292567	3.961543	-.002308
#3	-.910602	.0652358	-.000591	.0009735	6.247238	3.996068	-.003130

Sample Name: J2136-01 Acquired: 4/5/2018 13:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001062	-.001119	.1369003
Stddev	.001102	.000918	.0008544
%RSD	103.7984	82.01043	.6241403

#1	-.000104	-.000861	.1359826
#2	-.000815	-.000358	.1370454
#3	-.002267	-.002138	.1376729

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.071	2719.210	33287.53	7216.625	3336.218
Stddev	2.783	18.270	121.57	47.475	15.746
%RSD	.2016892	.6718795	.3652216	.6578574	.4719604

#1	1378.576	2700.529	33424.64	7270.950	3322.683
#2	1378.354	2720.063	33245.08	7183.100	3332.473
#3	1383.283	2737.039	33192.88	7195.825	3353.499

Sample Name: J2136-02 Acquired: 4/5/2018 13:28:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016686	.0017915	.0034798	.0000263	-.001776	.0251144	.0142879
Stddev	.0017051	.0016874	.0010342	.0002728	.000585	.0011873	.0002831
%RSD	102.1873	94.18961	29.72019	1038.133	32.95335	4.727714	1.981056

#1	-.000181	.0010472	.0028989	.0002715	-.002039	.0238793	.0142640
#2	.002010	.0006042	.0028667	-.000268	-.001105	.0252163	.0140175
#3	.003177	.0037231	.0046739	.000075	-.002184	.0262474	.0145821

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001736	-.000017	11.63366	.0014878	-.000624	.0004839	.0229332
Stddev	.0000701	.000073	.03705	.0000695	.000161	.0030326	.0050215
%RSD	40.38789	432.2464	.3184787	4.672423	25.88682	626.7592	21.89619

#1	.0001205	.000056	11.59127	.0014079	-.000809	-.001255	.0286148
#2	.0002531	-.000016	11.64983	.0015208	-.000549	.003986	.0210948
#3	.0001473	-.000090	11.65988	.0015347	-.000513	-.001279	.0190899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008914	2.438290	.0029421	-.000023	5.962017	-.003591	.0216596
Stddev	.0004039	.003242	.0002195	.000133	.088338	.001625	.0032380
%RSD	45.31136	.1329488	7.459701	586.7102	1.481687	45.26222	14.94939

#1	.0004940	2.434768	.0030699	.000034	5.891073	-.002019	.0179456
#2	.0008787	2.438955	.0030677	-.000175	6.060963	-.003487	.0238898
#3	.0013015	2.441148	.0026886	.000073	5.934015	-.005265	.0231433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.08974	.0055834	.0253838	.0003572	5.040795	5.263583	-.001624
Stddev	.03848	.0012836	.0007371	.0001044	.036658	.061326	.000835
%RSD	3.531483	22.99010	2.903866	29.21604	.7272213	1.165107	51.44544

#1	-1.12051	.0050394	.0250498	.0002592	5.030695	5.256774	-.002532
#2	-1.04659	.0070494	.0248729	.0004669	5.010247	5.205946	-.000887
#3	-1.10213	.0046613	.0262288	.0003454	5.081444	5.328030	-.001452

Sample Name: J2136-02 Acquired: 4/5/2018 13:28:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000922	-.001435	.1199714
Stddev	.001567	.000641	.0006190
%RSD	169.9852	44.67097	.5159364

#1	.000623	-.002054	.1202052
#2	-.002509	-.001477	.1192696
#3	-.000879	-.000774	.1204394

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1399.482	2768.236	33827.64	7326.217	3477.138
Stddev	13.168	16.620	69.11	26.166	10.506
%RSD	.9409110	.6003672	.2042922	.3571575	.3021587

#1	1410.209	2749.375	33901.28	7335.275	3465.458
#2	1384.786	2780.732	33764.20	7346.650	3485.819
#3	1403.452	2774.602	33817.43	7296.725	3480.136

Sample Name: J2136-03 Acquired: 4/5/2018 13:32:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006874	.0023567	.0024164	-.001443	-.001414	.0238419	.0601835
Stddev	.0052434	.0008700	.0013486	.005601	.003150	.0064547	.0006396
%RSD	762.8068	36.91736	55.80996	388.1422	222.7931	27.07312	1.062788

#1	-.005365	.0024314	.0009767	-.007088	-.005030	.0178748	.0601540
#2	.003589	.0031871	.0036502	-.001353	.000739	.0229577	.0608374
#3	.003839	.0014518	.0026225	.004112	.000049	.0306931	.0595592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000026	.0000457	49.43886	.0002623	.0931353	.0025458	.0070505
Stddev	.000052	.0000945	.46708	.0002578	.0014218	.0007508	.0058083
%RSD	200.3595	206.9687	.9447538	98.27285	1.526608	29.49071	82.38130

#1	-.000010	.0000962	49.54541	.0003721	.0940963	.0020641	.0102062
#2	.000016	.0001042	49.84346	-.000032	.0938075	.0021624	.0105978
#3	-.000083	-.000063	48.92772	.000447	.0915020	.0034109	.0003475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.557990	13.60845	.0032194	.0002886	298.9371	-.004836	.0117675
Stddev	.012134	.17641	.0003580	.0002730	.6884	.002885	.0035682
%RSD	.7788035	1.296333	11.11898	94.58324	.2302722	59.65349	30.32268

#1	1.559344	13.44888	.0035533	-.000020	298.6175	-.001511	.0123917
#2	1.569389	13.79789	.0032634	.000500	299.7272	-.006673	.0079283
#3	1.545236	13.57858	.0028415	.000385	298.4667	-.006324	.0149824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.58605	.0040627	.2983123	.0002204	11.01613	3.484323	-.002958
Stddev	.03136	.0014952	.0019781	.0004367	.21845	.017657	.000700
%RSD	.1890679	36.80355	.6631070	198.1581	1.982963	.5067670	23.65544

#1	16.59568	.0056987	.2989944	-.000086	11.17221	3.501279	-.003766
#2	16.55101	.0027670	.2960834	.000027	11.10971	3.466039	-.002559
#3	16.61147	.0037222	.2998591	.000720	10.76649	3.485650	-.002550

Sample Name: J2136-03 Acquired: 4/5/2018 13:32:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001617	.0001106	.5107425
Stddev	.001255	.0001539	.0021435
%RSD	77.62958	139.1660	.4196750

#1	-.000412	-.000028	.5103090
#2	-.002916	.000084	.5088490
#3	-.001522	.000276	.5130696

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.634	2618.761	31619.01	7014.061	3040.012
Stddev	7.470	25.916	202.34	16.569	34.869
%RSD	.5690859	.9896309	.6399176	.2362189	1.147005

#1	1320.788	2594.423	31835.79	6995.431	3005.460
#2	1306.122	2615.851	31435.17	7019.607	3039.387
#3	1310.990	2646.010	31586.05	7027.145	3075.190

Sample Name: J2136-08 Acquired: 4/5/2018 13:36:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001041	.0012572	.0030785	.0027929	-.001858	.0131223	.0323389
Stddev	.0011214	.0014105	.0007244	.0002559	.000280	.0035920	.0007577
%RSD	1076.913	112.1959	23.53221	9.163914	15.08029	27.37345	2.342840

#1	.0013965	.0027381	.0036686	.0029728	-.001767	.0140812	.0322887
#2	-.000472	-.000070	.0032968	.0029061	-.002172	.0091481	.0316077
#3	-.000612	.001104	.0022700	.0024999	-.001634	.0161375	.0331205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001373	-.000019	22.68520	.0010271	.0026866	.0008254	-.000026
Stddev	.0000747	.000076	.19750	.0001665	.0003511	.0007659	.005041
%RSD	54.37808	402.3918	.8705992	16.20927	13.06755	92.79244	19456.28

#1	.0000775	.000068	22.49655	.0011483	.0028831	.0002535	.005617
#2	.0002210	-.000066	22.66855	.0008373	.0022813	.0016956	-.001611
#3	.0001134	-.000059	22.89050	.0010958	.0028954	.0005271	-.004084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246976	7.029184	.0105634	.0001680	50.47413	-.003641	.0144535
Stddev	.0006379	.103519	.0000802	.0004529	.30116	.001641	.0014891
%RSD	2.583044	1.472700	.7588016	269.4943	.5966612	45.06071	10.30287

#1	.0240622	6.972323	.0104742	.0000828	50.20338	-.005526	.0129226
#2	.0253381	6.966558	.0105867	-.000236	50.42052	-.002536	.0145411
#3	.0246925	7.148671	.0106293	.000657	50.79850	-.002861	.0158970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.975952	.0654382	-.002947	.0011815	6.043084	3.923084	-.001424
Stddev	.033270	.0027853	.000733	.0003618	.062723	.034155	.000345
%RSD	3.408976	4.256354	24.86074	30.62517	1.037933	.8706190	24.22652

#1	-.965506	.0629498	-.003689	.0007712	5.996516	3.902154	-.001551
#2	-.949159	.0684469	-.002927	.0013183	6.018330	3.962498	-.001688
#3	-1.01319	.0649178	-.002224	.0014551	6.114407	3.904601	-.001034

Sample Name: J2136-08 Acquired: 4/5/2018 13:36:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001075	-.001754	.1324431
Stddev	.000615	.000460	.0004631
%RSD	57.22797	26.25264	.3496325

#1	-.001038	-.001955	.1319476
#2	-.000479	-.002080	.1328648
#3	-.001708	-.001227	.1325170

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.854	2736.906	33621.00	7224.725	3380.312
Stddev	19.457	34.622	317.45	20.963	34.274
%RSD	1.398929	1.265021	.9441945	.2901515	1.013922

#1	1413.286	2772.769	33984.76	7237.275	3415.710
#2	1380.733	2703.674	33478.23	7200.525	3347.286
#3	1378.544	2734.275	33400.00	7236.375	3377.940

Sample Name: J2136-09 Acquired: 4/5/2018 13:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032533	-.000309	.0033404	-.000043	-.001073	.0052787	.0145277
Stddev	.0035383	.002511	.0000989	.002742	.001023	.0115085	.0007760
%RSD	108.7611	813.8201	2.960909	6365.374	95.39677	218.0193	5.341476

#1	.0036008	-.003208	.0034444	-.001562	-.002254	-.007426	.0140698
#2	.0066050	.001191	.0032476	.003123	-.000494	.008255	.0154236
#3	-.000446	.001091	.0033291	-.001690	-.000470	.015007	.0140896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001847	.0000330	11.39266	.0005460	-.000455	.0003691	-.001805
Stddev	.0000284	.0000431	.10705	.0001192	.000049	.0023689	.009138
%RSD	15.34969	130.5999	.9396627	21.82654	10.73179	641.7370	506.2609

#1	.0001652	-.000007	11.47091	.0004153	-.000481	-.002365	-.011896
#2	.0002173	.000028	11.43642	.0006487	-.000399	.001653	.000570
#3	.0001718	.000078	11.27066	.0005741	-.000486	.001819	.005911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009212	2.416515	.0025222	.0004273	5.889097	-.001682	.0162056
Stddev	.0003663	.030265	.0004279	.0004114	.168935	.000355	.0049272
%RSD	39.76566	1.252419	16.96504	96.27802	2.868609	21.08111	30.40435

#1	.0005367	2.449379	.0027378	.0002527	6.070656	-.001854	.0171191
#2	.0009608	2.389792	.0020294	.0008973	5.860094	-.001274	.0108856
#3	.0012662	2.410373	.0027994	.0001321	5.736541	-.001918	.0206123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.32169	.0074407	.0236790	.0003256	5.066260	5.183268	-.002219
Stddev	.06018	.0005937	.0013016	.0000939	.026446	.037771	.000643
%RSD	4.553032	7.979605	5.496803	28.85516	.5220083	.7287018	28.99824

#1	-1.25738	.0079380	.0233215	.0002183	5.096678	5.173891	-.002052
#2	-1.33105	.0067833	.0225935	.0003932	5.053391	5.151069	-.002929
#3	-1.37663	.0076006	.0251220	.0003652	5.048711	5.224844	-.001675

Sample Name: J2136-09 Acquired: 4/5/2018 13:40:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001848	-.000400	.1179296
Stddev	.001592	.001596	.0011764
%RSD	86.11213	398.9496	.9975654

#1	-.000131	-.002063	.1184171
#2	-.002140	-.000256	.1187839
#3	-.003274	.001119	.1165878

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.836	2786.855	33825.36	7382.800	3524.736
Stddev	13.978	22.353	125.64	39.272	18.076
%RSD	.9999530	.8020732	.3714481	.5319405	.5128423

#1	1381.700	2809.022	33724.17	7345.100	3545.348
#2	1405.615	2787.222	33785.91	7379.825	3517.280
#3	1406.195	2764.321	33965.99	7423.475	3511.581

Sample Name: J2136-10 Acquired: 4/5/2018 13:44:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014802	.0005063	.0028466	-.001003	-.001204	.0117519	.0588973
Stddev	.0037745	.0039162	.0006613	.000887	.002040	.0066716	.0006285
%RSD	254.9891	773.5310	23.23263	88.40045	169.4506	56.77053	1.067029

#1	.0023253	-.003988	.0028827	-.000149	.000831	.0057193	.0587443
#2	-.002645	.003189	.0034892	-.000941	-.001194	.0189174	.0583595
#3	.004761	.002318	.0021680	-.001920	-.003249	.0106189	.0595881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000384	.0000505	48.72201	.0000802	.0888986	.0014968	.0038131
Stddev	.0000682	.0000635	.36709	.0002737	.0006727	.0025996	.0088742
%RSD	177.3516	125.8061	.7534348	341.4450	.7567111	173.6838	232.7284

#1	.0001165	.0001014	49.00129	-.000236	.0894616	-.000638	.0046255
#2	.0000077	-.000021	48.30623	.000238	.0890807	.004392	.0122532
#3	-.000009	.000071	48.85851	.000239	.0881536	.000736	-.005439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.558819	13.46616	.0027541	.0001651	292.6571	-.000989	.0145789
Stddev	.014424	.06140	.0005402	.0001722	1.4967	.002467	.0053036
%RSD	.9253315	.4559447	19.61372	104.3480	.5114342	249.3720	36.37843

#1	1.567482	13.48053	.0023488	.0001690	293.8781	-.000100	.0182528
#2	1.542168	13.39885	.0025462	.0003353	290.9873	.000910	.0084987
#3	1.566807	13.51909	.0033674	-.000009	293.1058	-.003778	.0169850

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.12134	.0048571	.2905560	.0001277	10.77797	3.388226	-.001075
Stddev	.13393	.0006752	.0019936	.0001839	.07228	.043248	.001359
%RSD	.8307886	13.90107	.6861364	144.0350	.6706143	1.276408	126.4031

#1	16.19503	.0042567	.2883047	.0003306	10.86096	3.341236	-.002552
#2	15.96674	.0055881	.2912657	-.000028	10.74413	3.426359	.000123
#3	16.20225	.0047266	.2920977	.000081	10.72882	3.397083	-.000797

Sample Name: J2136-10 Acquired: 4/5/2018 13:44:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002320	-.000925	.5033165
Stddev	.000946	.000863	.0021371
%RSD	40.78582	93.31973	.4246049

#1	-.001451	-.001699	.5049659
#2	-.003328	-.001081	.5009022
#3	-.002181	.000006	.5040814

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.047	2666.247	31881.40	7220.939	3122.493
Stddev	21.962	20.723	358.19	54.019	29.945
%RSD	1.668787	.7772478	1.123497	.7480838	.9590254

#1	1304.684	2669.608	31894.38	7274.970	3119.923
#2	1302.095	2644.049	31516.90	7220.914	3093.915
#3	1341.363	2685.085	32232.92	7166.933	3153.641

Sample Name: PB107856BS Acquired: 4/5/2018 13:53:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258578	.0594049	.0209220	.0815869	.1329924	.4350613
Stddev	.0025607	.0025480	.0024914	.0010169	.0019986	.0026510
%RSD	9.903179	4.289262	11.90784	1.246450	1.502767	.6093327

#1	.0229009	.0575678	.0229291	.0825603	.1327732	.4359898
#2	.0273499	.0583333	.0217032	.0816690	.1350915	.4320709
#3	.0273225	.0623138	.0181337	.0805314	.1311124	.4371231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4398606	.0115265	.0113956	11.03185	.0229450	.1086870
Stddev	.0003063	.0001133	.0001383	.00717	.0004879	.0006923
%RSD	.0696321	.9829031	1.213431	.0649965	2.126570	.6369462

#1	.4397817	.0116573	.0112436	11.03920	.0233735	.1084102
#2	.4396015	.0114644	.0115140	11.02487	.0224139	.1081759
#3	.4401986	.0114579	.0114293	11.03150	.0230476	.1094748

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595132	.2379031	.0345324	10.19080	.0912958	.0223272
Stddev	.0028729	.0033644	.0002166	.05322	.0007227	.0005281
%RSD	4.827260	1.414171	.6271962	.5222574	.7915921	2.365474

#1	.0591573	.2394303	.0345008	10.18561	.0921301	.0229370
#2	.0568348	.2402330	.0343332	10.14036	.0908661	.0220172
#3	.0625474	.2340460	.0347630	10.24643	.0908911	.0220274

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44965	.1072038	.1524630	10.34812	F .0290280	.0115700
Stddev	.25587	.0035402	.0081889	.06757	.0010533	.0010024
%RSD	2.448554	3.302279	5.371064	.6529962	3.628597	8.663900

#1	10.22983	.1034065	.1577416	10.28787	.0298864	.0127270
#2	10.38860	.1104131	.1566177	10.33532	.0278526	.0109619
#3	10.73052	.1077919	.1430295	10.42118	.0293451	.0110211

Sample Name: PB107856BS Acquired: 4/5/2018 13:53:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235287	.2159948	.1984979	F .0147651	.2242739	.1068894
Stddev	.0003447	.0030770	.0019979	.0004075	.0013598	.0008427
%RSD	1.464983	1.424589	1.006501	2.759566	.6062950	.7883354

#1	.0236284	.2126650	.1994686	.0143100	.2227038	.1069826
#2	.0231451	.2187332	.1962002	.0148894	.2250666	.1076815
#3	.0238125	.2165863	.1998250	.0150959	.2250514	.1060040

Elem	Sr4077
Units	ppm
Avg	.2288912
Stddev	.0002440
%RSD	.1066032

#1	.2291153
#2	.2286313
#3	.2289271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1326.864	2588.500	32326.45	7075.847	3214.993
Stddev	14.731	17.295	227.64	31.806	20.827
%RSD	1.110202	.6681353	.7041920	.4494964	.6478000

#1	1310.979	2598.139	32089.86	7076.591	3220.606
#2	1329.540	2598.827	32345.58	7107.275	3232.439
#3	1340.074	2568.534	32543.93	7043.677	3191.935

Sample Name: PB107986BL Acquired: 4/5/2018 13:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017507	.0011368	.0001552	-.000357	.0001572	-.008660
Stddev	.0006811	.0002138	.0008454	.000641	.0018477	.007300
%RSD	38.90389	18.81058	544.7906	179.4132	1175.590	84.29038

#1	.0009924	.0010504	-.000613	-.000981	-.000597	-.005989
#2	.0019491	.0009797	.001061	.000299	.002263	-.016919
#3	.0023105	.0013803	.000018	-.000390	-.001194	-.003073

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001396	.0000699	-.000029	-.003229	-.000195	-.000040
Stddev	.000850	.0001245	.000047	.005883	.000586	.000226
%RSD	60.87110	178.2709	160.0974	182.1985	300.0302	560.4832

#1	-.000538	.0001430	-.000051	-.006801	-.000788	.000215
#2	-.002237	-.000074	.000025	.003561	-.000181	-.000123
#3	-.001413	.000141	-.000062	-.006446	.000383	-.000213

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004715	-.003240	.0000239	-.010472	-.000108	.0000192
Stddev	.0005050	.006821	.0005055	.007620	.000087	.0000644
%RSD	107.1026	210.5454	2114.092	72.76203	80.54191	335.6927

#1	.0000144	-.011011	.0000512	-.004500	-.000036	.0000935
#2	.0003865	.001756	-.000495	-.007862	-.000083	-.000020
#3	.0010136	-.000464	.000515	-.019054	-.000204	-.000016

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2758402	-.001977	.0021118	-.247323	-.002322	F -.010812
Stddev	.0718599	.004975	.0013977	.038964	.000656	.000609
%RSD	26.05128	251.6052	66.18585	15.75411	28.24310	5.633914

#1	.3578378	.002158	.0025390	-.246740	-.001772	-.010193
#2	.2238346	-.007498	.0032460	-.286576	-.002146	-.010830
#3	.2458483	-.000592	.0005503	-.208655	-.003048	-.011411

Sample Name: PB107986BL Acquired: 4/5/2018 13:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000770	.0086619	-.001586	-.000735	-.001173	.0000469
Stddev	.0000374	.0015894	.000370	.000719	.001302	.0017059
%RSD	48.56047	18.34949	23.30531	97.82393	111.0467	3638.560

#1	.0000338	.0068570	-.001278	-.000285	-.000673	.0007961
#2	.0000978	.0092766	-.001996	-.000356	-.000194	.0012500
#3	.0000994	.0098522	-.001484	-.001563	-.002651	-.001905

Elem	Sr4077
Units	ppm
Avg	.0000364
Stddev	.0000204
%RSD	55.95611

#1	.0000222
#2	.0000273
#3	.0000597

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1296.601	2627.416	31762.94	6960.008	3293.543
Stddev	1.859	22.254	47.18	63.919	29.694
%RSD	.1434042	.8470035	.1485288	.9183778	.9015760

#1	1296.058	2614.918	31761.68	7030.850	3272.557
#2	1295.074	2653.110	31716.41	6906.650	3327.518
#3	1298.672	2614.221	31810.74	6942.525	3280.554

Sample Name: PB107986BS Acquired: 4/5/2018 14:01:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257504	.0612100	.0216061	.0807936	.1307422	.4338382
Stddev	.0024900	.0017866	.0006284	.0030219	.0024999	.0033393
%RSD	9.669875	2.918786	2.908537	3.740238	1.912044	.7697122

#1	.0285688	.0630411	.0208997	.0778929	.1327183	.4342096
#2	.0248343	.0611175	.0221029	.0805644	.1279319	.4369764
#3	.0238482	.0594715	.0218159	.0839236	.1315764	.4303288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4430318	.0116851	.0114933	11.10116	.0237536	.1085261
Stddev	.0023323	.0002080	.0000471	.06597	.0005704	.0006706
%RSD	.5264387	1.780047	.4099750	.5942450	2.401416	.6179074

#1	.4403487	.0118875	.0114468	11.10062	.0236024	.1080816
#2	.4445744	.0116959	.0114919	11.03546	.0232740	.1081994
#3	.4441722	.0114719	.0115410	11.16739	.0243843	.1092975

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622259	.2357294	.0347083	10.29686	.0913180	.0223464
Stddev	.0028362	.0036310	.0004583	.11209	.0003821	.0005813
%RSD	4.557921	1.540339	1.320348	1.088563	.4184233	2.601267

#1	.0648961	.2370655	.0344948	10.25547	.0909421	.0230173
#2	.0625331	.2385031	.0343957	10.21135	.0913061	.0220264
#3	.0592487	.2316197	.0352343	10.42376	.0917060	.0219953

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46924	.1138037	.1492292	10.55639	F .0285126	.0125011
Stddev	.06617	.0021202	.0057863	.03205	.0016684	.0009918
%RSD	.6320728	1.863038	3.877439	.3036097	5.851450	7.933859

#1	10.41387	.1115527	.1558883	10.54402	.0280323	.0135699
#2	10.45133	.1157630	.1463725	10.59279	.0271369	.0123229
#3	10.54253	.1140953	.1454268	10.53238	.0303684	.0116104

Sample Name: PB107986BS Acquired: 4/5/2018 14:01:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234174	.2108485	.2030059	F .0147164	.2262699	.1064478
Stddev	.0002075	.0021977	.0039665	.0009733	.0024118	.0018544
%RSD	.8861654	1.042331	1.953880	6.613627	1.065891	1.742117

#1	.0233665	.2083123	.2074949	.0137193	.2269173	.1049648
#2	.0232402	.2121936	.1999741	.0156640	.2236005	.1085270
#3	.0236457	.2120394	.2015487	.0147660	.2282919	.1058515

Elem	Sr4077
Units	ppm
Avg	.2299805
Stddev	.0003403
%RSD	.1479651

#1	.2302551
#2	.2300868
#3	.2295998

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.054	2631.867	32084.46	7001.943	3248.320
Stddev	9.542	12.897	138.17	21.931	14.043
%RSD	.7228543	.4900430	.4306576	.3132096	.4323237

#1	1311.328	2620.095	32121.74	6977.509	3242.473
#2	1318.591	2645.653	31931.47	7008.397	3264.342
#3	1330.244	2629.855	32200.17	7019.922	3238.144

Sample Name: J2215-01 Acquired: 4/5/2018 14:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031192	.0002464	.0032409	-.000609	-.000893	.0285943	.0587182
Stddev	.0017764	.0004454	.0006086	.002510	.001984	.0096630	.0008268
%RSD	56.95118	180.7671	18.77966	412.4925	222.3252	33.79358	1.408112

#1	.0026599	.0005834	.0034507	.000226	-.002068	.0329556	.0578339
#2	.0050801	.0004143	.0037169	.001378	-.002008	.0175194	.0594721
#3	.0016175	-.000259	.0025551	-.003430	.001399	.0353080	.0588486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001263	-.000084	68.63071	.0014871	.0000769	.0009706	.1303399
Stddev	.0001001	.000053	1.66202	.0003509	.0002385	.0042755	.0087419
%RSD	79.26446	62.81817	2.421688	23.59783	310.0627	440.4808	6.706990

#1	.0000364	-.000052	66.71438	.0013877	-.000198	-.003374	.1296937
#2	.0001083	-.000145	69.49899	.0018770	.000202	.001113	.1219391
#3	.0002343	-.000055	69.67876	.0011966	.000227	.005173	.1393870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518451	35.15612	.0075661	-.000077	129.4509	-.002394	.0300942
Stddev	.0021288	.90057	.0003467	.000111	2.1495	.005516	.0043205
%RSD	4.106100	2.561620	4.582462	143.3380	1.660438	230.3891	14.35671

#1	.0496405	34.11630	.0079662	-.000194	126.9931	-.003064	.0321596
#2	.0520056	35.66648	.0073792	.000027	130.3806	-.007545	.0251286
#3	.0538891	35.68558	.0073530	-.000065	130.9790	.003426	.0329943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.75711	.1364146	1.472608	.0004299	21.12455	2.767841	-.003220
Stddev	1.03046	.0037918	.026743	.0001152	.26642	.060208	.001045
%RSD	1.498689	2.779656	1.816058	26.80674	1.261194	2.175253	32.45861

#1	67.57923	.1322570	1.442687	.0005533	20.83419	2.698361	-.004045
#2	69.20018	.1396825	1.480955	.0003252	21.35776	2.800478	-.002045
#3	69.49193	.1373041	1.494183	.0004111	21.18169	2.804683	-.003569

Sample Name: J2215-01 Acquired: 4/5/2018 14:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001975	-.001095	.5184469
Stddev	.001414	.000644	.0089810
%RSD	71.57412	58.80441	1.732296

#1	-.002080	-.001109	.5081839
#2	-.000512	-.000445	.5222892
#3	-.003334	-.001733	.5248676

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.093	2665.842	32357.38	7300.426	3122.612
Stddev	15.469	6.235	107.80	115.115	4.990
%RSD	1.159507	.2338852	.3331535	1.576826	.1598095

#1	1342.609	2663.988	32403.94	7432.303	3125.121
#2	1316.237	2672.794	32234.13	7248.902	3125.850
#3	1343.432	2660.745	32434.08	7220.073	3116.865

Sample Name: J2215-02 Acquired: 4/5/2018 14:09:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042579	.0000160	.0043502	.0034257	-.002199	.0268469	.0781391
Stddev	.0017066	.0015875	.0022152	.0015267	.000666	.0084949	.0003927
%RSD	40.08185	9917.840	50.92159	44.56745	30.27700	31.64215	.5025811

#1	.0061311	-.001419	.0064614	.0025235	-.002436	.0364000	.0778847
#2	.0027913	.001721	.0045451	.0051884	-.001448	.0201423	.0785914
#3	.0038513	-.000254	.0020440	.0025650	-.002715	.0239983	.0779413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000914	-.000004	71.72581	.0010611	.0009692	.0014505	-.011761
Stddev	.0000611	.000080	.26350	.0004778	.0002183	.0014478	.005830
%RSD	66.89062	1826.442	.3673711	45.02522	22.52955	99.81210	49.56864

#1	.0000246	-.000006	71.85344	.0008275	.0012133	-.000205	-.005262
#2	.0001048	.000076	71.90118	.0016107	.0007925	.002077	-.013491
#3	.0001447	-.000084	71.42279	.0007451	.0009017	.002480	-.016531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134027	22.07035	.0034240	.0002595	130.8779	-.003383	.0221672
Stddev	.0002101	.18630	.0003535	.0003694	.4823	.001914	.0040079
%RSD	1.567229	.8441094	10.32430	142.3127	.3685060	56.56438	18.08021

#1	.0132525	22.21542	.0030177	.0006840	130.7086	-.001182	.0248640
#2	.0133128	22.13538	.0035928	.0000109	131.4220	-.004654	.0240759
#3	.0136427	21.86026	.0036614	.0000838	130.5031	-.004313	.0175618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.668836	.0035769	.6987080	.0001263	58.82991	3.740990	-.004519
Stddev	.032472	.0021836	.0124377	.0002045	.12399	.088472	.000706
%RSD	1.216703	61.04746	1.780093	161.8730	.2107629	2.364925	15.62606

#1	2.637821	.0059632	.6959209	.0001225	58.92019	3.690999	-.004447
#2	2.702591	.0016787	.6879004	-.000076	58.68853	3.688830	-.005259
#3	2.666098	.0030887	.7123027	.000333	58.88100	3.843141	-.003852

Sample Name: J2215-02 Acquired: 4/5/2018 14:09:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001622	-.001503	.4178487
Stddev	.001629	.000659	.0020636
%RSD	100.4396	43.82657	.4938561

#1	-.002797	-.001553	.4154853
#2	-.002306	-.002135	.4187674
#3	.000238	-.000821	.4192933

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1314.101	2635.017	32015.79	7115.681	3131.702
Stddev	8.272	22.184	202.03	62.709	18.783
%RSD	.6294484	.8418788	.6310228	.8812744	.5997804

#1	1318.114	2656.680	31944.67	7141.361	3147.683
#2	1304.589	2636.022	31858.94	7161.474	3136.410
#3	1319.601	2612.347	32243.76	7044.208	3111.013

Sample Name: J2215-03 Acquired: 4/5/2018 14:13:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047474	-.001629	.0027479	.0050106	-.001687	.0151790	.0764125
Stddev	.0067241	.003376	.0007790	.0040612	.002074	.0088900	.0006332
%RSD	141.6395	207.2042	28.35060	81.05353	122.9206	58.56766	.8287012

#1	-.001657	-.005225	.0018623	.0058996	-.000007	.0060800	.0764214
#2	.004148	-.001135	.0033272	.0085537	-.001050	.0156131	.0757749
#3	.011751	.001472	.0030543	.0005785	-.004005	.0238441	.0770413

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001607	-.000034	70.48878	.0003538	.0008800	.0016567	-.014648
Stddev	.0001084	.000039	.15045	.0002794	.0002568	.0020990	.011975
%RSD	67.46580	112.3600	.2134334	78.98429	29.17824	126.6927	81.74907

#1	.0001935	-.000073	70.56608	.0001364	.0011623	.0040319	-.001341
#2	.0000397	-.000035	70.31539	.0002559	.0006603	.0000515	-.018047
#3	.0002489	.000005	70.58486	.0006689	.0008173	.0008867	-.024556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129282	21.72852	.0026360	.0003019	128.4779	-.002871	.0148788
Stddev	.0010420	.05877	.0001302	.0002029	.5445	.005280	.0043869
%RSD	8.059543	.2704831	4.939154	67.21188	.4238301	183.8766	29.48404

#1	.0120181	21.78219	.0026713	.0004957	128.6251	-.008108	.0159676
#2	.0127018	21.66571	.0024918	.0003190	127.8749	-.002957	.0100500
#3	.0140648	21.73766	.0027449	.0000910	128.9338	.002451	.0186186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.477239	.0101390	.6706538	.0000951	54.43144	3.612409	-.001043
Stddev	.077192	.0019260	.0057929	.0002514	1.47137	.030755	.001048
%RSD	3.116031	18.99595	.8637676	264.3454	2.703155	.8513580	100.4371

#1	2.400900	.0106417	.6760377	-.000149	55.80796	3.642591	-.002006
#2	2.555256	.0117637	.6645242	.000082	54.60563	3.581113	.000072
#3	2.475562	.0080114	.6713996	.000353	52.88074	3.613522	-.001196

Sample Name: J2215-03 Acquired: 4/5/2018 14:13:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002406	-.000413	.4097368
Stddev	.000660	.000479	.0016673
%RSD	27.44507	116.0211	.4069123

#1	-.002263	-.000898	.4105419
#2	-.001829	-.000403	.4078197
#3	-.003126	.000061	.4108487

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.409	2663.413	32809.50	7253.500	3257.831
Stddev	13.243	55.115	359.70	27.712	72.260
%RSD	.9777444	2.069354	1.096322	.3820485	2.218029

#1	1351.447	2624.050	32523.08	7221.561	3199.393
#2	1368.882	2639.787	33213.20	7271.170	3235.472
#3	1342.898	2726.403	32692.23	7267.768	3338.627

Sample Name: J2215-04 Acquired: 4/5/2018 14:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125874	-.009766	.0023512	.0140422	-.001116	.0217998	.0572132
Stddev	.0041413	.002115	.0014423	.0004299	.001189	.0048040	.0007982
%RSD	32.90014	21.65249	61.34571	3.061304	106.5499	22.03712	1.395168

#1	.0172741	-.012047	.0030039	.0136493	.000231	.0234110	.0565388
#2	.0110663	-.009378	.0006978	.0139761	-.001561	.0163972	.0580945
#3	.0094218	-.007872	.0033517	.0145014	-.002017	.0255911	.0570062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001636	-.000174	67.24824	.0011019	.0003282	.0031412	.1082955
Stddev	.0000596	.000064	1.34092	.0002437	.0003159	.0019959	.0059588
%RSD	36.40625	36.90943	1.993987	22.11651	96.25131	63.53801	5.502347

#1	.0002256	-.000102	65.84850	.0012351	.0006907	.0011688	.1027944
#2	.0001585	-.000195	67.37487	.0008206	.0001819	.0030952	.1074667
#3	.0001068	-.000225	68.52135	.0012499	.0001120	.0051598	.1146252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504281	34.15645	.0066128	.0000318	126.4879	-.001331	.0167092
Stddev	.0016567	.86193	.0006030	.0005568	2.7921	.001464	.0008550
%RSD	3.285305	2.523486	9.119145	1752.575	2.207421	110.0001	5.117110

#1	.0486573	33.27674	.0061583	-.000383	123.4616	-.001805	.0161945
#2	.0506865	34.19319	.0072969	-.000187	127.0383	.000311	.0176962
#3	.0519403	34.99943	.0063833	.000665	128.9638	-.002499	.0162369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	67.20056	.1564384	1.352594	.0001344	18.08602	2.547379	.0087125
Stddev	1.56933	.0046267	.031379	.0001670	.27654	.066396	.0012522
%RSD	2.335298	2.957496	2.319930	124.2398	1.529039	2.606442	14.37199

#1	65.38915	.1520307	1.317745	.0002854	18.21559	2.474442	.0075438
#2	68.06264	.1612567	1.361429	.0001626	18.27399	2.563388	.0100341
#3	68.14988	.1560279	1.378609	-.000045	17.76848	2.604307	.0085596

Sample Name: J2215-04 Acquired: 4/5/2018 14:17:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001429	-.001605	.5219807
Stddev	.000798	.001188	.0127087
%RSD	55.82559	73.99704	2.434713

#1	-.000944	-.001778	.5074562
#2	-.000992	-.002697	.5274290
#3	-.002349	-.000340	.5310570

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.419	2548.021	31968.17	7357.578	3249.827
Stddev	11.029	6.102	250.63	196.382	12.429
%RSD	.8540270	.2394628	.7840139	2.669114	.3824551

#1	1292.658	2554.901	31908.20	7584.316	3261.608
#2	1279.823	2543.265	31752.96	7247.086	3236.838
#3	1301.777	2545.898	32243.35	7241.331	3251.035

Sample Name: PB107987BL Acquired: 4/5/2018 14:21:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001693	.0001895	.0027964	.0014958	-.002750	-.005020	-.001319
Stddev	.007327	.0020736	.0007561	.0013229	.002219	.004024	.000537
%RSD	432.8834	1094.330	27.03925	88.43985	80.69496	80.16090	40.73533

#1	-.006419	.0025477	.0025730	.0000143	-.005205	-.002365	-.001499
#2	-.005407	-.000630	.0036390	.0019142	-.000885	-.003045	-.000715
#3	.006748	-.001349	.0021771	.0025589	-.002160	-.009650	-.001743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000986	-.000022	-.003146	-.000410	-.000121	-.000013	.0070587
Stddev	.0000545	.000097	.002995	.000601	.000068	.001900	.0024631
%RSD	55.24719	432.4056	95.17941	146.6063	56.61727	14842.09	34.89429

#1	.0001597	.000046	-.005974	.000218	-.000165	-.002017	.0045194
#2	.0000812	-.000133	-.003457	-.000979	-.000042	.000217	.0094377
#3	.0000550	.000020	-.000009	-.000469	-.000155	.001762	.0072190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000498	-.001999	-.000032	.0000775	-.017691	-.003002	.0045274
Stddev	.000088	.017673	.000140	.0002727	.074063	.004583	.0021944
%RSD	17.61823	884.1894	432.9940	351.7299	418.6427	152.6737	48.46954

#1	-.000420	-.021881	.000117	.0003897	-.083543	-.001190	.0068174
#2	-.000482	.003959	-.000160	-.000043	-.032021	-.008215	.0024430
#3	-.000593	.011926	-.000054	-.000114	.062490	.000398	.0043218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.179805	-.002019	-.007278	-.000010	.0278349	-.001876	.0001065
Stddev	.067528	.000748	.000714	.000148	.0035006	.000410	.0009197
%RSD	37.55619	37.05459	9.814392	1497.178	12.57640	21.82960	863.8518

#1	-.187123	-.001442	-.007531	.000102	.0292425	-.001404	.0009282
#2	-.108917	-.002864	-.006472	-.000178	.0304127	-.002097	-.000887
#3	-.243376	-.001751	-.007832	.000046	.0238496	-.002128	.000278

Sample Name: PB107987BL Acquired: 4/5/2018 14:21:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001913	-.000173	.0000053
Stddev	.000938	.001573	.0000514
%RSD	49.05168	910.4111	959.9479

#1	-.002896	.000296	-.000001
#2	-.001816	-.001927	.000059
#3	-.001027	.001112	-.000043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.514	2535.270	31694.02	6891.258	3194.862
Stddev	37.991	32.131	1012.41	20.819	31.931
%RSD	2.939316	1.267371	3.194323	.3021091	.9994395

#1	1271.926	2566.822	31233.53	6888.975	3225.567
#2	1269.260	2536.399	30993.72	6913.125	3197.187
#3	1336.355	2502.589	32854.83	6871.675	3161.833

Sample Name: PB107987BS Acquired: 4/5/2018 14:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248370	.0544903	.0189687	.0759034	.1208325	.3903455
Stddev	.0019296	.0011978	.0005229	.0012234	.0013615	.0042823
%RSD	7.768920	2.198107	2.756521	1.611754	1.126766	1.097059

#1	.0244143	.0547048	.0190364	.0750549	.1193585	.3933605
#2	.0231539	.0531998	.0184153	.0753495	.1220430	.3854438
#3	.0269429	.0555663	.0194545	.0773058	.1210959	.3922322

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4085344	.0108675	.0105022	10.19874	.0209681	.0986744
Stddev	.0019847	.0000779	.0001483	.04572	.0002858	.0005188
%RSD	.4858154	.7166355	1.411870	.4483298	1.363167	.5258006

#1	.4082506	.0109191	.0103324	10.24628	.0206635	.0983543
#2	.4106457	.0109054	.0105687	10.19485	.0212305	.0992731
#3	.4067068	.0107779	.0106057	10.15508	.0210103	.0983960

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527900	.2168672	.0322464	9.464570	.0834887	.0208582
Stddev	.0024419	.0008619	.0007510	.006778	.0003326	.0002969
%RSD	4.625633	.3974348	2.328982	.0716118	.3983903	1.423321

#1	.0500353	.2166401	.0318131	9.471262	.0834919	.0206836
#2	.0536464	.2178200	.0318126	9.464740	.0838197	.0206902
#3	.0546883	.2161416	.0331136	9.457710	.0831545	.0212010

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.529489	.0997317	.1386726	9.755510	.0246939	.0117460
Stddev	.170428	.0007658	.0053425	.047353	.0014221	.0006636
%RSD	1.788426	.7678320	3.852595	.4853985	5.758789	5.649578

#1	9.355334	.1006066	.1374753	9.808483	.0253501	.0122202
#2	9.695928	.0994055	.1340303	9.740760	.0256694	.0120303
#3	9.537205	.0991831	.1445122	9.717287	.0230622	.0109877

Sample Name: PB107987BS Acquired: 4/5/2018 14:25:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218084	.2018966	.1863399	F .0135929	.2065566	.0972938
Stddev	.0003373	.0056314	.0015953	.0010828	.0029305	.0003586
%RSD	1.546519	2.789247	.8561479	7.965657	1.418719	.3685925

#1	.0220952	.2080671	.1881272	.0141658	.2098165	.0972117
#2	.0214368	.1970348	.1850598	.0142688	.2041408	.0969834
#3	.0218932	.2005881	.1858327	.0123440	.2057125	.0976864

Elem	Sr4077
Units	ppm
Avg	.2117085
Stddev	.0007768
%RSD	.3669115

#1	.2122864
#2	.2120136
#3	.2108255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.840	2557.566	31437.90	6881.431	3183.815
Stddev	21.932	26.381	488.89	104.659	23.886
%RSD	1.709615	1.031479	1.555092	1.520892	.7502204

#1	1291.299	2547.960	31598.76	6765.641	3180.939
#2	1299.282	2537.335	31826.08	6909.358	3161.497
#3	1257.938	2587.404	30888.84	6969.293	3209.008

Sample Name: PB107857BS Acquired: 4/5/2018 14:30:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240405	.0569005	.0193407	.0741680	.1238553	.3961688
Stddev	.0014215	.0042749	.0012332	.0025723	.0081183	.0163549
%RSD	5.912766	7.512988	6.376236	3.468229	6.554640	4.128253

#1	.0229710	.0556253	.0189123	.0737698	.1202285	.3866324
#2	.0234970	.0534082	.0183788	.0718179	.1181827	.4150534
#3	.0256535	.0616679	.0207310	.0769161	.1331548	.3868205

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4083563	.0107162	.0106431	10.27394	.0212183	.1007671
Stddev	.0011428	.0000425	.0004571	.03486	.0002704	.0042115
%RSD	.2798581	.3968546	4.295096	.3393312	1.274457	4.179404

#1	.4071464	.0107056	.0102883	10.23487	.0209613	.0986291
#2	.4085050	.0106799	.0104821	10.28510	.0215004	.0980534
#3	.4094175	.0107630	.0111590	10.30186	.0211932	.1056186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562570	.2183287	.0322606	9.502253	.0847825	.0206312
Stddev	.0006589	.0017466	.0009713	.057129	.0032816	.0001949
%RSD	1.171272	.7999813	3.010634	.6012128	3.870578	.9444859

#1	.0557252	.2194940	.0330244	9.437544	.0830317	.0206065
#2	.0569942	.2163205	.0311675	9.523504	.0827476	.0204498
#3	.0560517	.2191715	.0325899	9.545710	.0885681	.0208372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.554192	.1002289	.1403930	9.662197	F .0275095	F .0130586
Stddev	.061598	.0052101	.0024828	.061162	.0030030	.0008097
%RSD	.6447241	5.198243	1.768428	.6330051	10.91639	6.200696

#1	9.615727	.0986471	.1375638	9.654196	.0276645	.0136707
#2	9.492531	.0959930	.1414062	9.605429	.0244319	.0121404
#3	9.554317	.1060467	.1422089	9.726966	.0304320	.0133647

Sample Name: PB107857BS Acquired: 4/5/2018 14:30:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219836	.2037212	.1858957	F .0137156	.2068684	.0975390
Stddev	.0009404	.0070002	.0007366	.0009988	.0019995	.0004955
%RSD	4.277947	3.436157	.3962603	7.282035	.9665487	.5079832

#1	.0215341	.2040125	.1867141	.0130805	.2049067	.0970225
#2	.0213522	.1965799	.1852858	.0131995	.2067947	.0975842
#3	.0230644	.2105712	.1856872	.0148668	.2089037	.0980103

Elem	Sr4077
Units	ppm
Avg	.2108205
Stddev	.0002788
%RSD	.1322343

#1	.2105266
#2	.2108536
#3	.2110812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.786	2530.140	31285.91	6890.919	3142.931
Stddev	6.645	83.672	45.97	28.488	106.380
%RSD	.5184474	3.306993	.1469345	.4134192	3.384724

#1	1282.179	2533.503	31314.32	6923.506	3156.921
#2	1288.226	2612.080	31310.53	6878.520	3241.623
#3	1274.953	2444.838	31232.87	6870.731	3030.248

Sample Name: CCV073 Acquired: 4/5/2018 14:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136521	5.127304	25.59547	5.263861	5.286212	396.6824	10.34712
Stddev	.023492	.061625	.14456	.062155	.033676	2.1536	.02646
%RSD	.4573512	1.201908	.5648061	1.180796	.6370507	.5428964	.2557625

#1	5.152331	5.108972	25.63481	5.274269	5.299590	395.8193	10.31805
#2	5.147705	5.196015	25.71629	5.320156	5.311142	399.1336	10.36981
#3	5.109527	5.076924	25.43530	5.197159	5.247902	395.0942	10.35348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5022286	2.576069	390.5010	15.26991	2.588106	15.63742	391.1874
Stddev	.0054026	.016374	1.1574	.05309	.013207	.02440	.6224
%RSD	1.075726	.6356016	.2963915	.3477075	.5102910	.1560501	.1591168

#1	.5020771	2.573245	389.2124	15.32952	2.594753	15.62808	390.5137
#2	.5077054	2.593670	391.4522	15.22769	2.596668	15.66512	391.3073
#3	.4969034	2.561291	390.8384	15.25252	2.572896	15.61907	391.7411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95219	388.3135	2.598373	1.279275	382.7209	2.520408	14.89768
Stddev	.04866	1.0012	.017252	.005119	.9435	.012748	.09437
%RSD	.3254444	.2578399	.6639480	.4001234	.2465293	.5057973	.6334624

#1	14.89609	387.6979	2.603538	1.278802	381.7255	2.510125	14.80533
#2	14.97753	387.7738	2.612453	1.284613	383.6022	2.516427	14.89375
#3	14.98295	389.4688	2.579129	1.274408	382.8351	2.534672	14.99396

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.4831	5.302325	4.842242	5.230723	5.412079	4.883958	5.224830
Stddev	.6953	.053343	.052579	.039979	.069934	.047980	.049740
%RSD	.4359398	1.006038	1.085838	.7643080	1.292181	.9823912	.9519872

#1	158.8553	5.281852	4.855085	5.239003	5.403076	4.885117	5.212031
#2	160.2303	5.362873	4.887209	5.265914	5.486079	4.931347	5.279718
#3	159.3637	5.262251	4.784432	5.187253	5.347083	4.835409	5.182740

Sample Name: CCV073 Acquired: 4/5/2018 14:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.185018	5.252213	5.301903
Stddev	.025444	.010966	.010676
%RSD	.4907185	.2087841	.2013562

#1	5.165278	5.239557	5.297205
#2	5.213734	5.258204	5.314122
#3	5.176043	5.258878	5.294382

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.292	2169.573	28232.66	6513.090	2432.945
Stddev	7.681	20.664	199.84	40.212	20.038
%RSD	.7169506	.9524441	.7078259	.6174073	.8235912

#1	1079.238	2152.850	28447.78	6546.906	2417.325
#2	1070.729	2163.195	28197.43	6468.625	2425.971
#3	1063.908	2192.675	28052.79	6523.738	2455.537

Sample Name: CCB073 Acquired: 4/5/2018 14:38:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009589	-.000178	.0011308	.0003937	-.001963	-.001932	-.000778
Stddev	.0036346	.000789	.0014974	.0014194	.000169	.009339	.000316
%RSD	379.0353	443.4698	132.4205	360.5455	8.605989	483.3414	40.61597

#1	-.002965	.000154	.0004927	-.000753	-.002059	.002451	-.001015
#2	.001632	.000391	.0000581	.001981	-.002061	-.012656	-.000899
#3	.004210	-.001078	.0028416	-.000047	-.001768	.004409	-.000419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000033	-.000065	-.005397	.0004445	.0001471	-.002412	.0117188
Stddev	.0001067	.000066	.004204	.0004014	.0001382	.000502	.0055341
%RSD	3256.143	101.3905	77.89683	90.30484	93.95456	20.79253	47.22446

#1	-.000011	-.000134	-.010041	.0004365	.0000318	-.001854	.0169701
#2	-.000096	-.000061	-.001851	.0000472	.0001092	-.002825	.0122467
#3	.000116	-.000001	-.004298	.0008500	.0003004	-.002559	.0059396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000349	-.018809	-.000293	.0000346	.1961684	-.002342	.0053987
Stddev	.000732	.011941	.000267	.0003303	.2899632	.001027	.0048743
%RSD	209.9151	63.48531	91.17773	953.6302	147.8134	43.86086	90.28556

#1	.000139	-.016510	-.000601	-.000342	.2951681	-.001314	.0038473
#2	-.001190	-.031732	-.000163	.000276	.4236666	-.002344	.0108599
#3	.000005	-.008184	-.000116	.000170	-.130330	-.003369	.0014890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.225584	-.001666	-.005064	.0002754	.0082228	-.001645	-.001683
Stddev	.063410	.002070	.000921	.0001283	.0039033	.000419	.000740
%RSD	28.10928	124.2419	18.17913	46.58520	47.46945	25.49815	43.94470

#1	-.152899	-.000114	-.005906	.0001400	.0037367	-.001167	-.002438
#2	-.269577	-.004016	-.004081	.0002910	.0100892	-.001815	-.001652
#3	-.254277	-.000868	-.005204	.0003951	.0108425	-.001952	-.000960

Sample Name: CCB073 Acquired: 4/5/2018 14:38:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v482) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001431	-.000401	-.000044
Stddev	.001087	.000822	.000035
%RSD	75.97811	204.6988	80.05310

#1	-.002373	-.001211	-.000030
#2	-.000241	-.000426	-.000018
#3	-.001679	.000432	-.000084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.057	2569.241	31450.65	6945.525	3226.539
Stddev	14.825	9.263	217.74	90.228	10.720
%RSD	1.148249	.3605247	.6923241	1.299078	.3322478

#1	1308.088	2560.977	31701.10	6864.225	3217.097
#2	1281.047	2579.253	31344.58	6929.750	3238.192
#3	1284.037	2567.492	31306.27	7042.600	3224.327