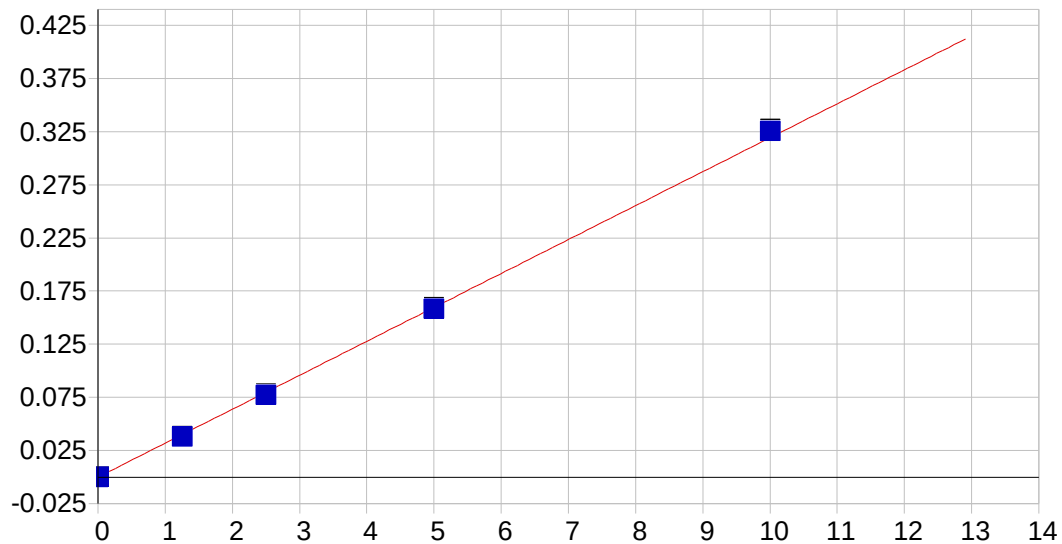




As 189.042 {479}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000021

Re-Slope: 1.000000

A1 (Gain): 0.031930

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999726

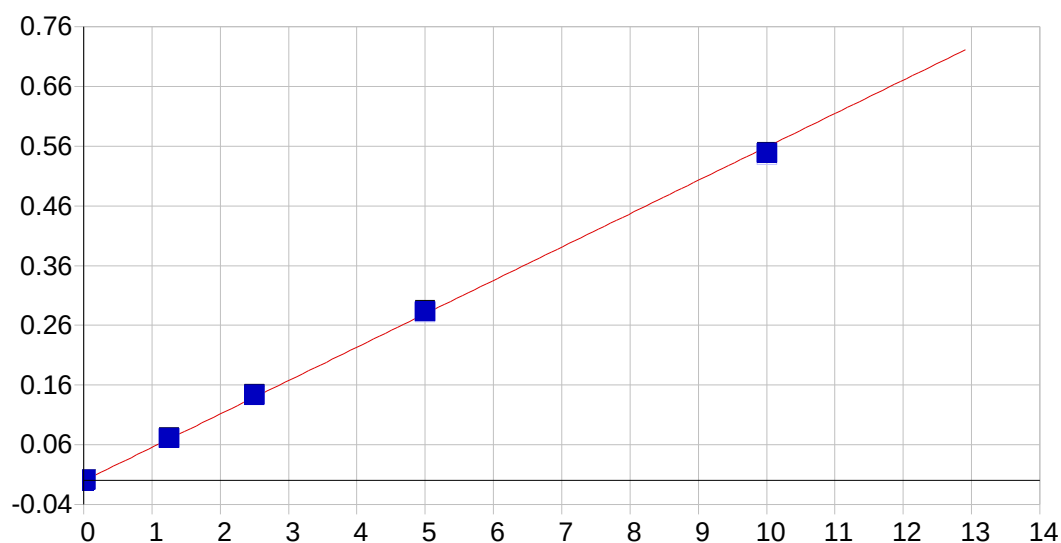
Status: OK.

Std Error of Est: 0.000013

Predicted MDL: 0.004425

Predicted MQL: 0.014751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.00729	-.003	-27.1	.00021	.000	1
S2	1.2500	1.1841	-.066	-5.27	.03788	.000	1
S3	2.5000	2.4255	-.075	-2.98	.07761	.001	1
S4	5.0000	4.9556	-.044	-.888	.15859	.001	1
S5	10.000	10.188	.188	1.88	.32603	.001	1



TI 190.856 {477}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000294

Re-Slope: 1.000000

A1 (Gain): 0.055900

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999788

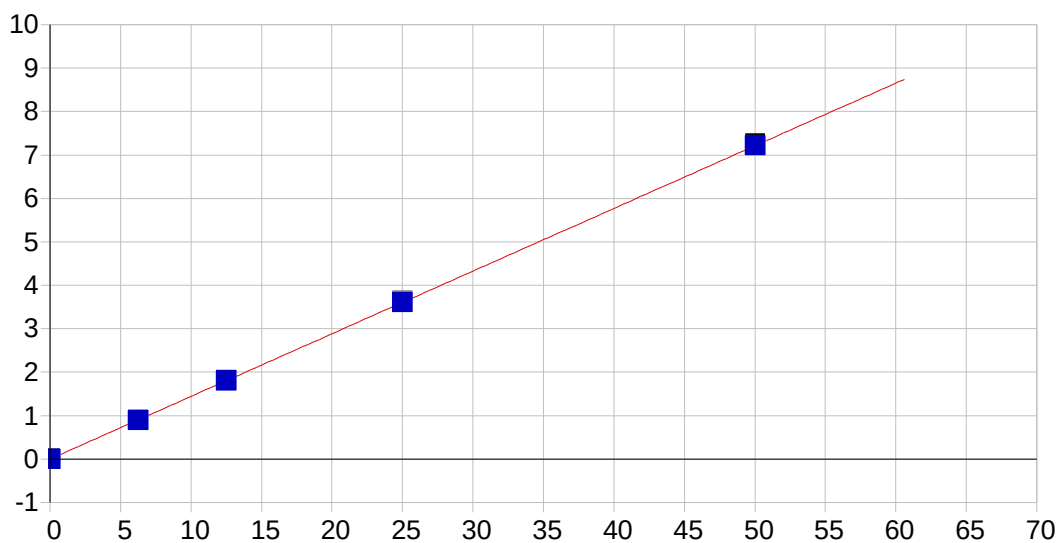
Status: OK.

Std Error of Est: 0.000030

Predicted MDL: 0.002450

Predicted MQL: 0.008167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00029	.000	1
S1	.02500	.02886	.004	15.5	.00130	.000	1
S2	1.2500	1.2851	.035	2.81	.07112	.000	1
S3	2.5000	2.5684	.068	2.74	.14243	.001	1
S4	5.0000	5.0744	.074	1.49	.28168	.002	1
S5	10.000	9.8182	-.182	-1.82	.54516	.001	1

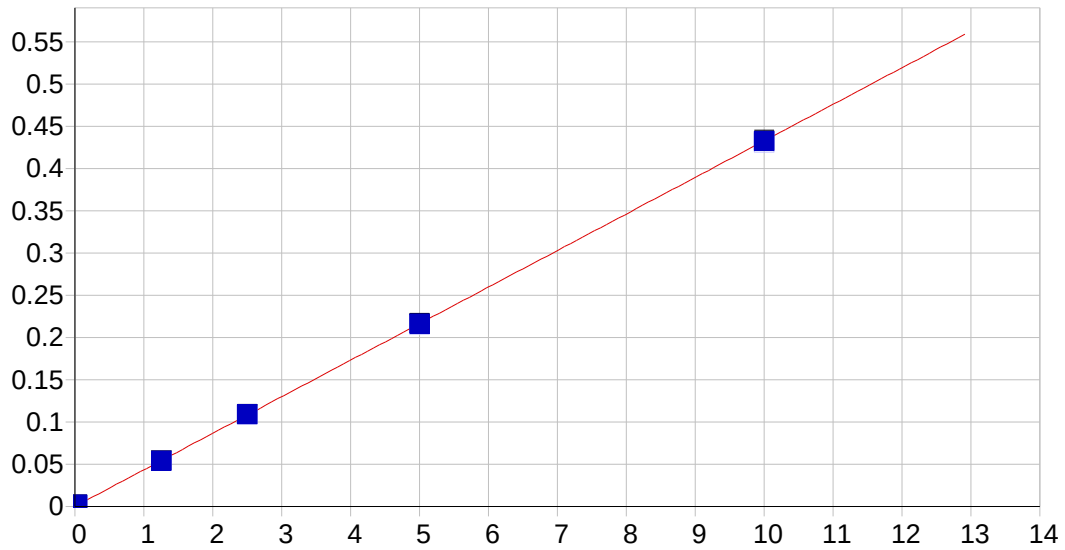


Pb 220.353 {453}

Date of Fit: 7/5/2018 13:07:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.144244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002055
 Predicted MQL: 0.006849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.01140	.001	14.0	.00154	.000	1
S2	6.2500	6.1632	-.087	-1.39	.89014	.003	1
S3	12.500	12.509	.009	.070	1.8067	.005	1
S4	25.000	25.041	.041	.164	3.6169	.022	1
S5	50.000	50.036	.036	.071	7.2272	.032	1



Se 196.090 {472}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000123

Re-Slope: 1.000000

A1 (Gain): 0.043249

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999978

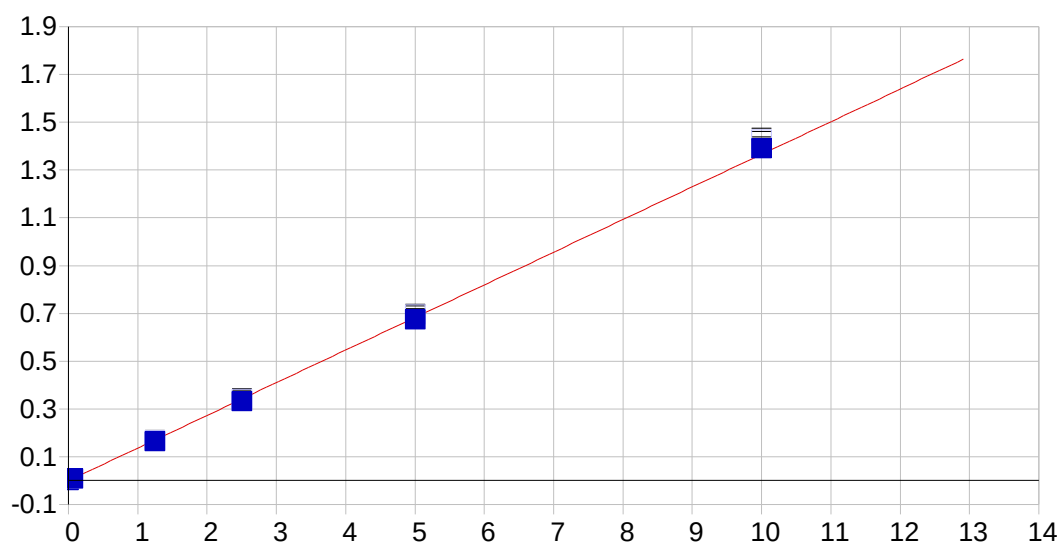
Status: OK.

Std Error of Est: 0.000009

Predicted MDL: 0.004601

Predicted MQL: 0.015337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00012	.000	1
S1	.03500	.04000	.005	14.3	.00185	.000	1
S2	1.2500	1.2476	-.002	-.195	.05382	.000	1
S3	2.5000	2.5131	.013	.523	.10830	.001	1
S4	5.0000	4.9945	-.006	-.110	.21511	.001	1
S5	10.000	9.9898	-.010	-.102	.43014	.002	1



Sb 206.833 {463}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000002

Re-Slope: 1.000000

A1 (Gain): 0.136580

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999804

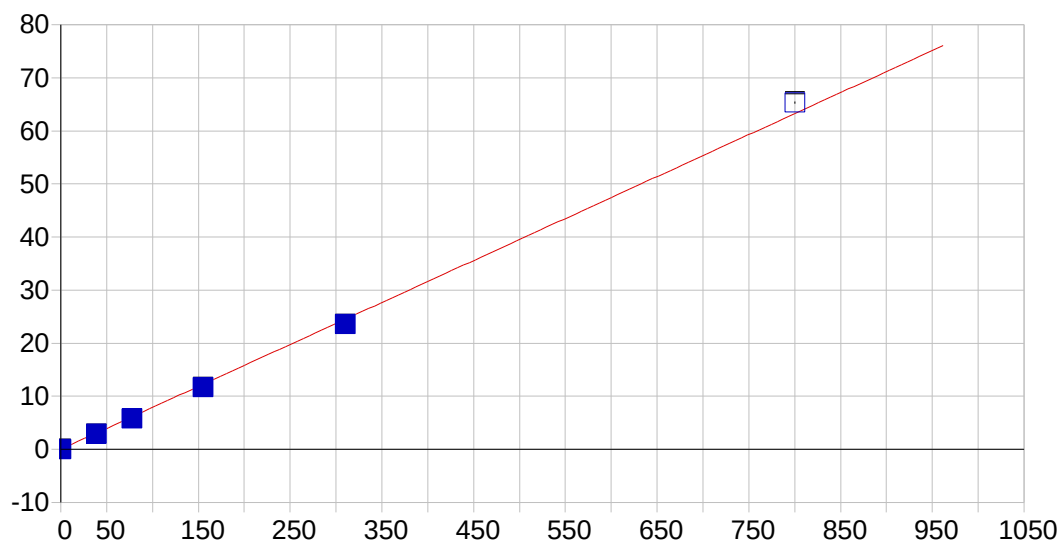
Status: OK.

Std Error of Est: 0.000114

Predicted MDL: 0.001922

Predicted MQL: 0.006406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.06000	.06315	.003	5.25	.00862	.000	1
S2	1.2500	1.1979	-.052	-4.17	.16826	.001	1
S3	2.5000	2.4339	-.066	-2.65	.34171	.002	1
S4	5.0000	4.9417	-.058	-1.17	.69353	.003	1
S5	10.000	10.174	.174	1.74	1.4267	.007	1



AI 396.152 { 85}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000689

Re-Slope: 1.000000

A1 (Gain): 0.079062

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999233

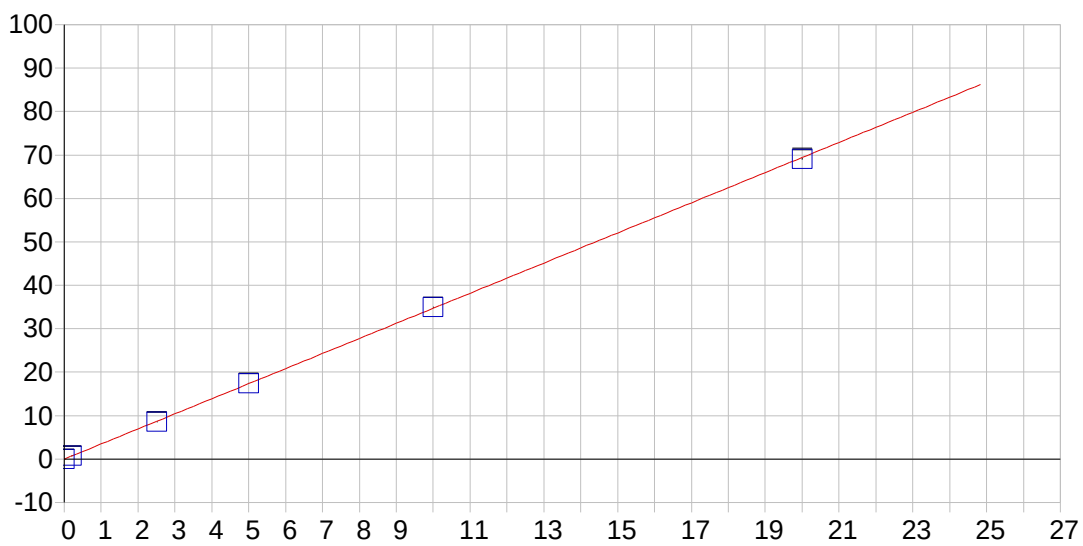
Status: OK.

Std Error of Est: 0.001926

Predicted MDL: 0.012134

Predicted MQL: 0.040446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00069	.001	1
S1	.20000	.20359	.004	1.79	.01681	.001	1
S2	38.750	36.285	-2.46	-6.36	2.8723	.017	1
S3	77.500	73.232	-4.27	-5.51	5.7963	.016	1
S4	155.00	147.56	-7.44	-4.80	11.678	.012	1
S5	310.00	297.65	-12.4	-3.99	23.556	.031	1
S6	800.00	826.55	26.5	3.32	65.349	.223	1



Ba 493.409 { 68}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001353

Re-Slope: 1.000000

A1 (Gain): 3.471027

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

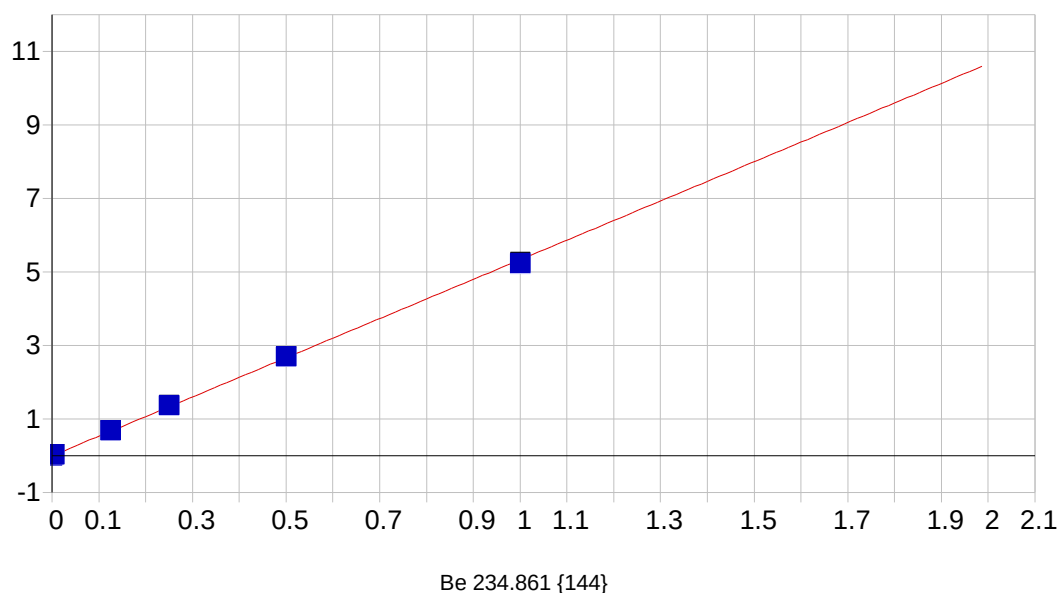
Status: OK.

Std Error of Est: 0.002655

Predicted MDL: 0.000820

Predicted MQL: 0.002735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00139	.001	1
S1	.20000	.21158	.012	5.79	.73303	.001	1
S2	2.5000	2.4786	-.021	-.858	8.6018	.024	1
S3	5.0000	5.0290	.029	.579	17.454	.026	1
S4	10.000	10.072	.072	.718	34.958	.036	1
S5	20.000	19.909	-.091	-.455	69.104	.145	1



Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001254

Re-Slope: 1.000000

A1 (Gain): 5.333290

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999802

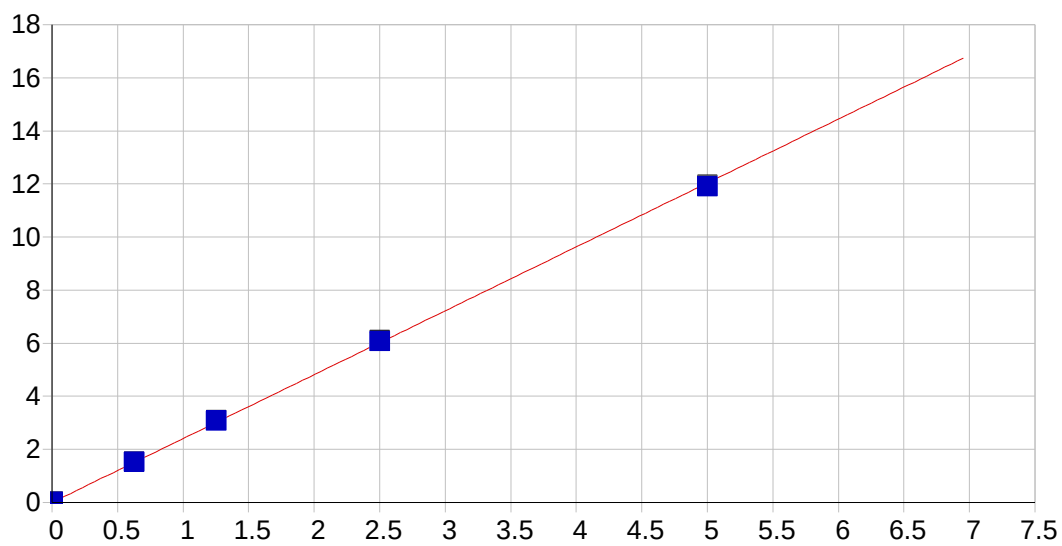
Status: OK.

Std Error of Est: 0.000396

Predicted MDL: 0.000084

Predicted MQL: 0.000281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.000	1
S1	.00500	.00547	.000	9.48	.02792	.001	1
S2	.12500	.12896	.004	3.17	.68359	.003	1
S3	.25000	.25683	.007	2.73	1.3627	.005	1
S4	.50000	.50617	.006	1.23	2.6867	.002	1
S5	1.0000	.98257	-.017	-1.74	5.2157	.037	1



Cd 214.438 {457}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000440

Re-Slope: 1.000000

A1 (Gain): 2.407262

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999925

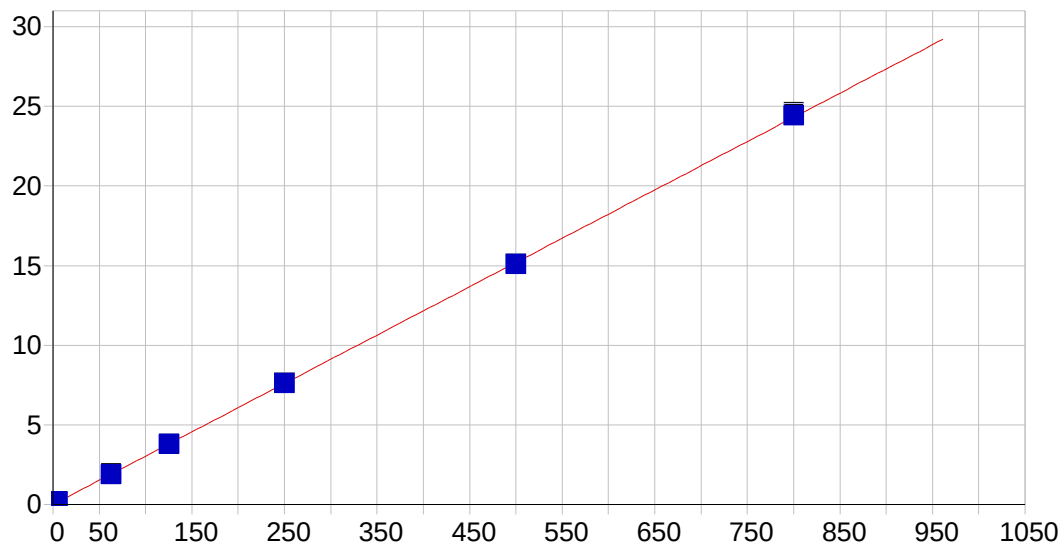
Status: OK.

Std Error of Est: 0.000247

Predicted MDL: 0.000100

Predicted MQL: 0.000335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.00500	.00544	.000	8.80	.01354	.000	1
S2	.62500	.63113	.006	.980	1.5228	.003	1
S3	1.2500	1.2765	.027	2.12	3.0795	.011	1
S4	2.5000	2.5207	.021	.828	6.0808	.029	1
S5	5.0000	4.9462	-.054	-1.08	11.932	.040	1



Ca 373.690 { 90}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001529

Re-Slope: 1.000000

A1 (Gain): 0.030383

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999986

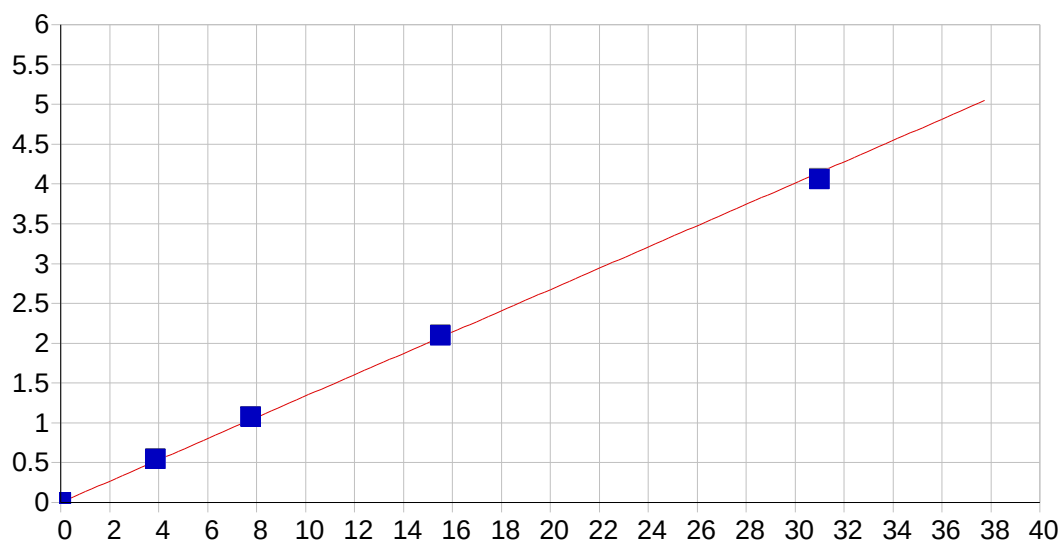
Status: OK.

Std Error of Est: 0.000555

Predicted MDL: 0.022364

Predicted MQL: 0.074546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	.00153	.001	1
S1	5.0000	5.0834	.083	1.67	.15600	.001	1
S2	62.500	62.532	.032	.051	1.9082	.019	1
S3	125.00	124.97	-.029	-.023	3.8121	.021	1
S4	250.00	250.52	.524	.209	7.6403	.008	1
S5	500.00	496.05	-3.95	-.791	15.127	.009	1
S6	800.00	803.34	3.34	.417	24.554	.089	1



Cr 267.716 {126}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000057

Re-Slope: 1.000000

A1 (Gain): 0.133680

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999702

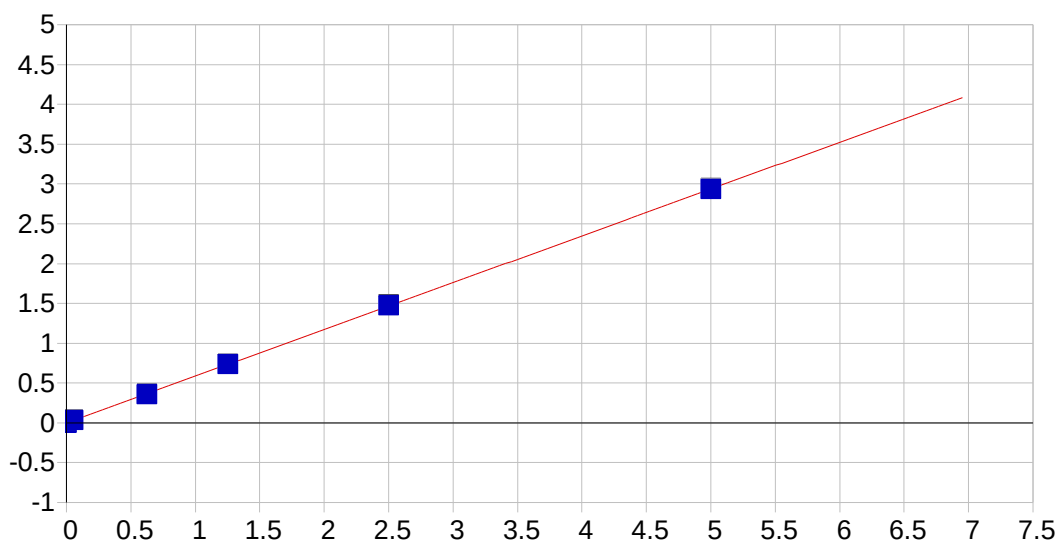
Status: OK.

Std Error of Est: 0.000096

Predicted MDL: 0.000549

Predicted MQL: 0.001831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01170	.002	17.0	.00162	.000	1
S2	3.8750	4.0597	.185	4.77	.54368	.001	1
S3	7.7500	8.0257	.276	3.56	1.0748	.001	1
S4	15.500	15.687	.187	1.20	2.1007	.002	1
S5	31.000	30.351	-.649	-2.09	4.0647	.005	1



Co 228.616 {448}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000217

Re-Slope: 1.000000

A1 (Gain): 0.587175

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999983

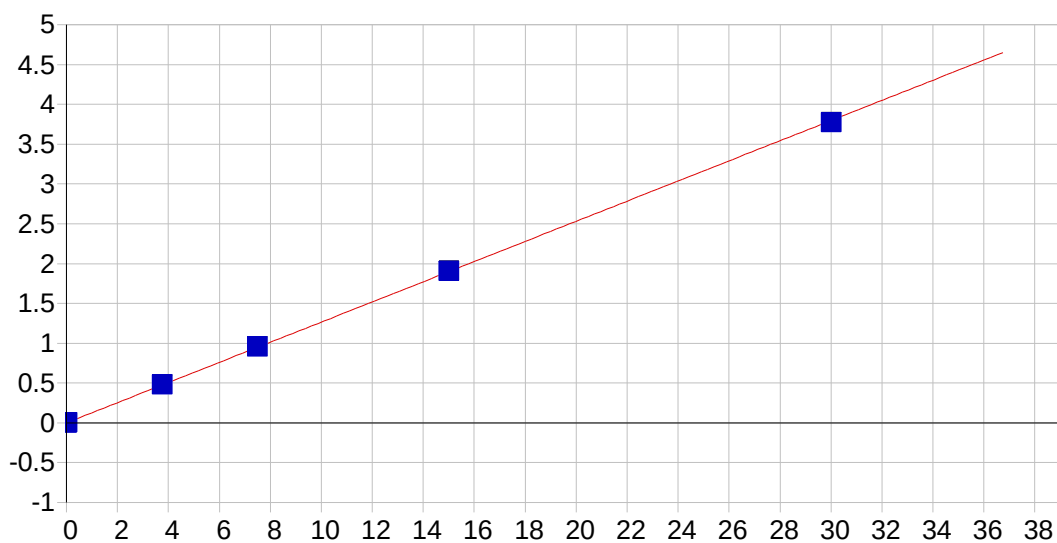
Status: OK.

Std Error of Est: 0.000090

Predicted MDL: 0.000353

Predicted MQL: 0.001177

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.05183	.002	3.67	.03033	.000	1
S2	.62500	.61409	-.011	-1.75	.36109	.002	1
S3	1.2500	1.2509	.001	.069	.73572	.003	1
S4	2.5000	2.5115	.011	.460	1.4774	.007	1
S5	5.0000	4.9967	-.003	-.066	2.9395	.010	1



Cu 324.754 {104}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000124

Re-Slope: 1.000000

A1 (Gain): 0.126538

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999977

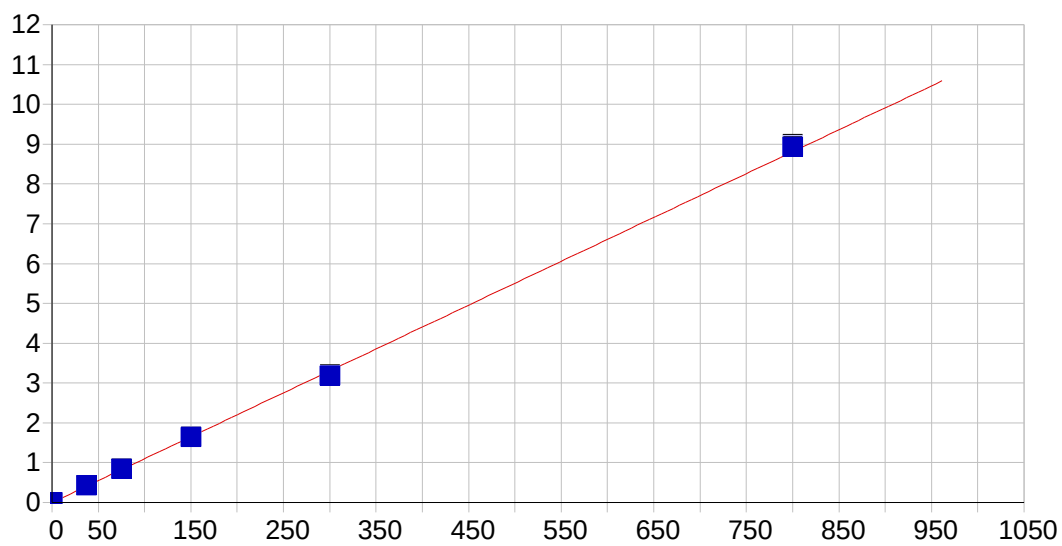
Status: OK.

Std Error of Est: 0.000040

Predicted MDL: 0.003834

Predicted MQL: 0.012780

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.02500	.02855	.004	14.2	.00373	.000	1
S2	3.7500	3.7842	.034	.912	.47867	.002	1
S3	7.5000	7.5690	.069	.920	.95729	.001	1
S4	15.000	15.059	.059	.394	1.9045	.001	1
S5	30.000	29.834	-.166	-.553	3.7729	.001	1



Fe 259.837 {130}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000266

Re-Slope: 1.000000

A1 (Gain): 0.011012

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999797

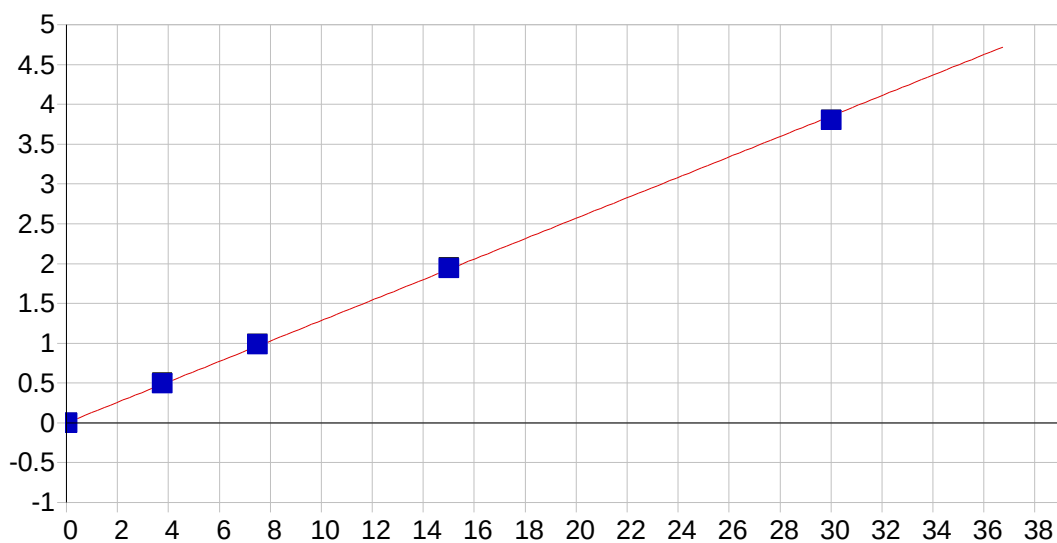
Status: OK.

Std Error of Est: 0.000097

Predicted MDL: 0.019634

Predicted MQL: 0.065446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.10000	.10165	.002	1.65	.00141	.000	1
S2	37.500	38.197	.697	1.86	.42311	.004	1
S3	75.000	75.712	.712	.950	.83845	.005	1
S4	150.00	148.89	-1.11	-.741	1.6487	.005	1
S5	300.00	289.16	-10.8	-3.61	3.2023	.007	1
S6	800.00	810.55	10.5	1.32	8.9662	.032	1



Mn 257.610 {131}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000004

Re-Slope: 1.000000

A1 (Gain): 0.128443

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999867

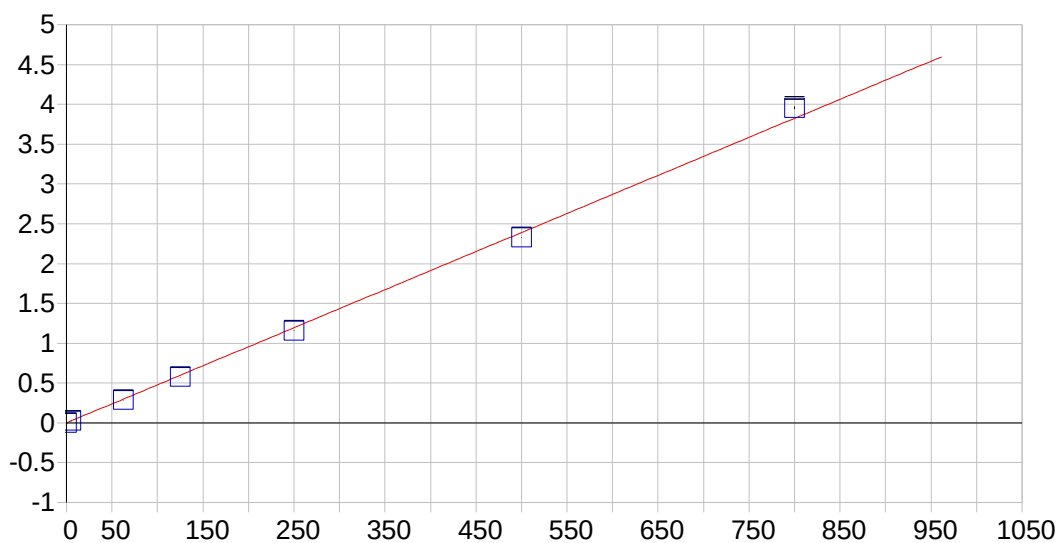
Status: OK.

Std Error of Est: 0.000075

Predicted MDL: 0.001431

Predicted MQL: 0.004772

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01500	.01649	.001	9.94	.00211	.000	1
S2	3.7500	3.8593	.109	2.92	.49581	.006	1
S3	7.5000	7.6859	.186	2.48	.98742	.006	1
S4	15.000	15.127	.127	.844	1.9433	.008	1
S5	30.000	29.577	-.423	-1.41	3.7998	.002	1



Mg 279.079 {121}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000380

Re-Slope: 1.000000

A1 (Gain): 0.004781

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999495

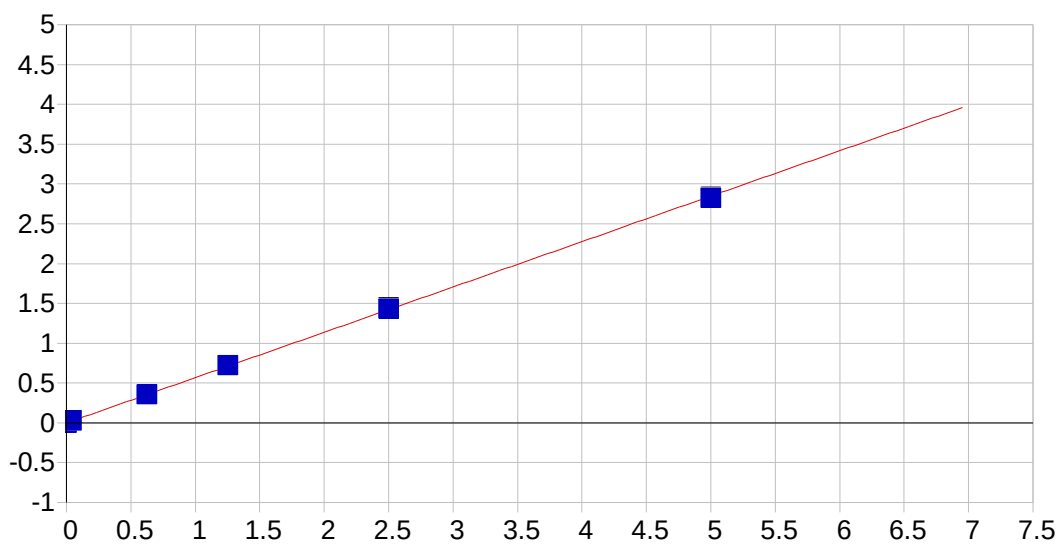
Status: OK.

Std Error of Est: 0.000530

Predicted MDL: 0.054963

Predicted MQL: 0.183208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00052	.001	.000	-.00038	.000	1
S1	5.0000	4.9802	-.020	-.395	.02343	.000	1
S2	62.500	59.796	-2.70	-4.33	.28549	.003	1
S3	125.00	120.57	-4.43	-3.54	.57606	.002	1
S4	250.00	242.51	-7.49	-3.00	1.1590	.005	1
S5	500.00	487.25	-12.8	-2.55	2.3291	.004	1
S6	800.00	827.39	27.4	3.42	3.9552	.017	1



Ni 231.604 {446}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001433

Re-Slope: 1.000000

A1 (Gain): 0.569542

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999947

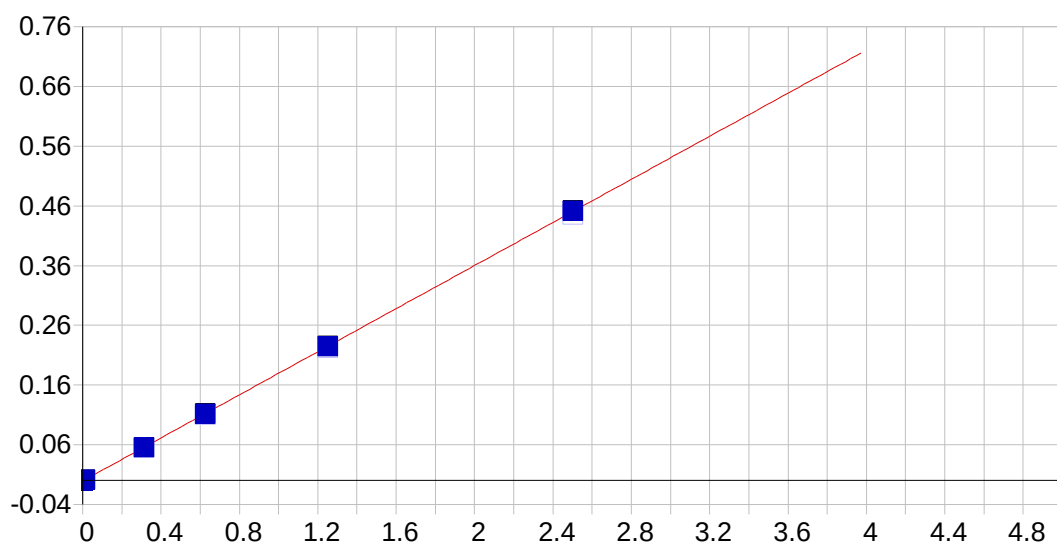
Status: OK.

Std Error of Est: 0.000140

Predicted MDL: 0.000480

Predicted MQL: 0.001602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00144	.000	1
S1	.04000	.04393	.004	9.84	.02360	.000	1
S2	.62500	.62500	.000	.000	.35526	.001	1
S3	1.2500	1.2645	.015	1.16	.72022	.002	1
S4	2.5000	2.5198	.020	.792	1.4366	.012	1
S5	5.0000	4.9618	-.038	-.765	2.8303	.008	1



Ag 328.068 {103}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000681

Re-Slope: 1.000000

A1 (Gain): 0.180384

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999981

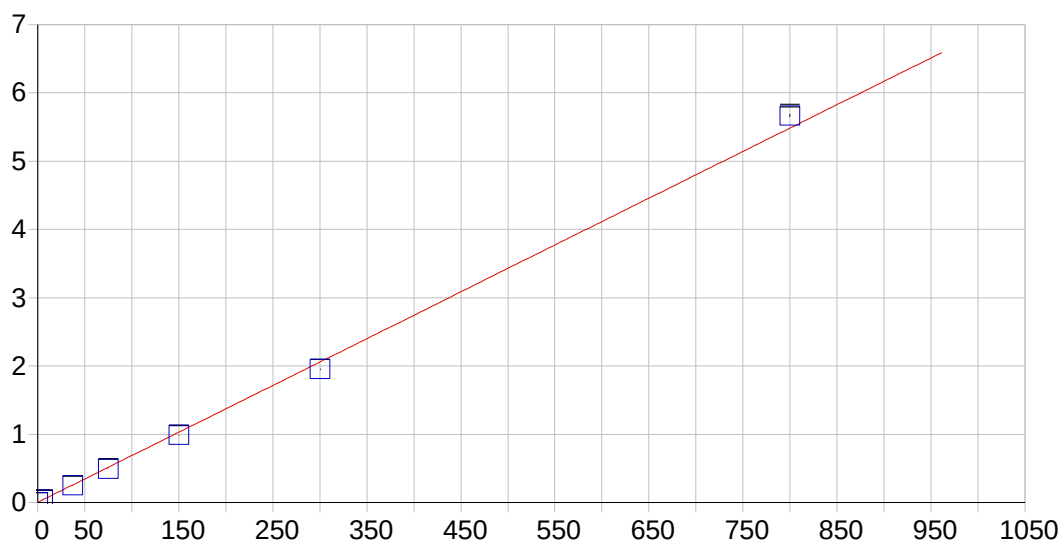
Status: OK.

Std Error of Est: 0.000009

Predicted MDL: 0.000607

Predicted MQL: 0.002025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.01000	.01112	.001	11.2	.00131	.000	1
S2	.31250	.30993	-.003	-.822	.05450	.000	1
S3	.62500	.62182	-.003	-.508	.11004	.001	1
S4	1.2500	1.2499	.000	-.006	.22189	.001	1
S5	2.5000	2.5047	.005	.188	.44534	.001	1



Na 818.326 { 41}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001503

Re-Slope: 1.000000

A1 (Gain): 0.006855

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999200

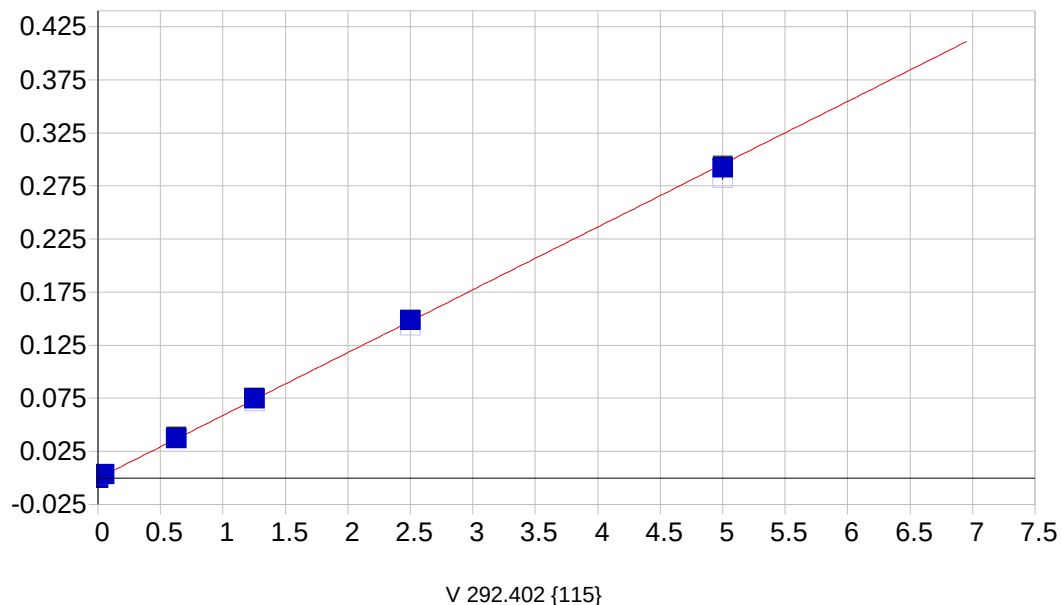
Status: OK.

Std Error of Est: 0.000848

Predicted MDL: 0.301839

Predicted MQL: 1.006129

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00065	.001	.000	.00151	.001	1
S1	5.0000	5.1002	.100	2.00	.03647	.000	1
S2	37.500	35.768	-1.73	-4.62	.24670	.002	1
S3	75.000	71.794	-3.21	-4.27	.49367	.002	1
S4	150.00	143.46	-6.54	-4.36	.98498	.002	1
S5	300.00	284.60	-15.4	-5.13	1.9525	.004	1
S6	800.00	826.77	26.8	3.35	5.6692	.021	1



Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000266

Re-Slope: 1.000000

A1 (Gain): 0.059154

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999828

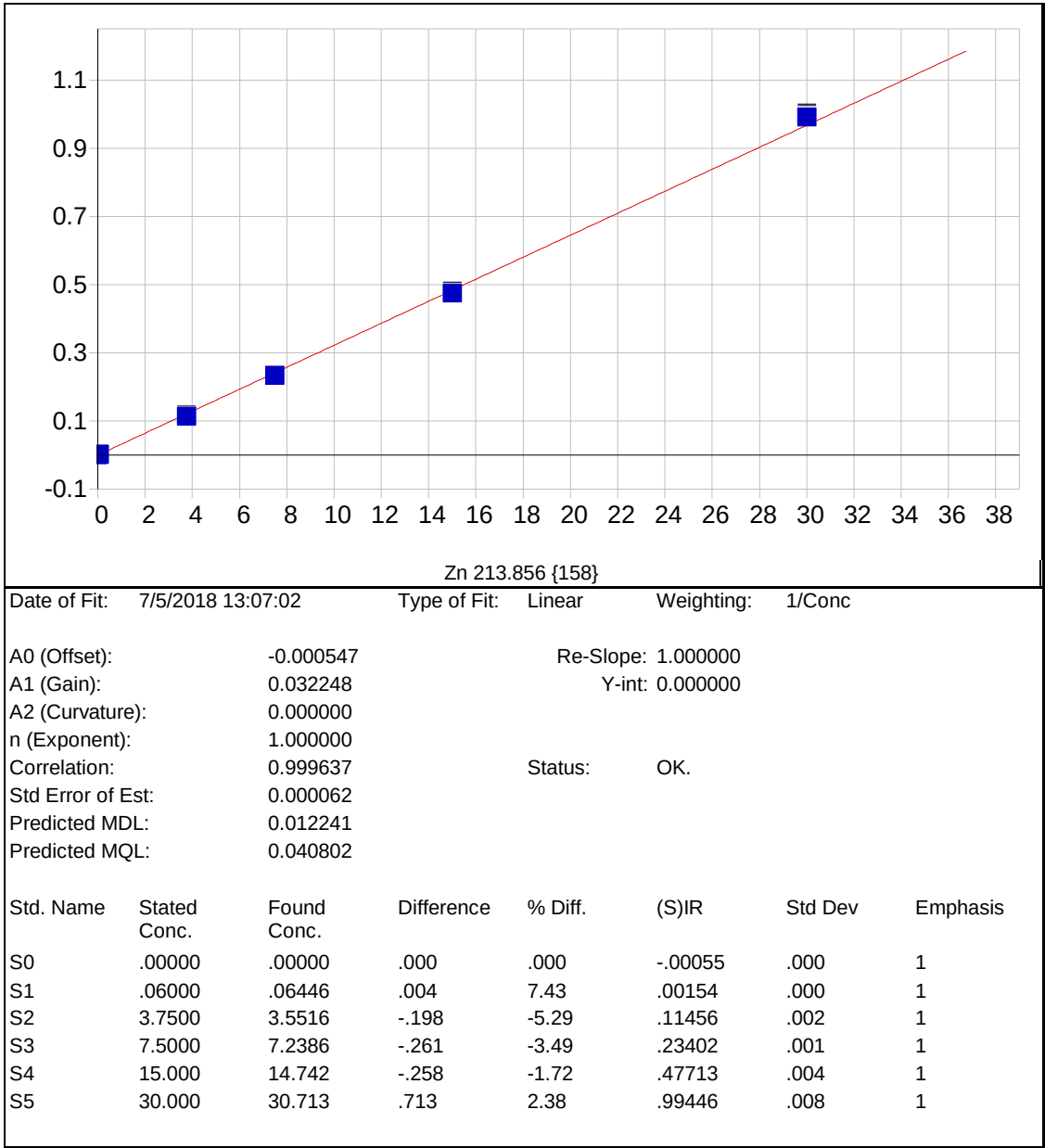
Status: OK.

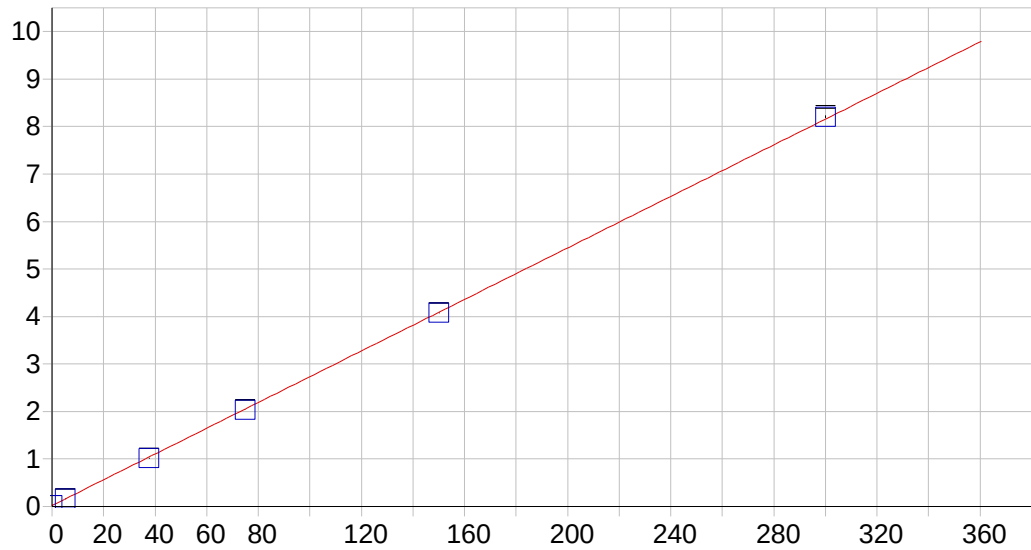
Std Error of Est: 0.000028

Predicted MDL: 0.005495

Predicted MQL: 0.018316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00027	.000	1
S1	.05000	.05939	.009	18.8	.00324	.000	1
S2	.62500	.63945	.014	2.31	.03634	.001	1
S3	1.2500	1.2681	.018	1.45	.07231	.000	1
S4	2.5000	2.5126	.013	.505	.14349	.000	1
S5	5.0000	4.9452	-.055	-1.10	.28250	.002	1





K 769.896 { 44}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.020312

Re-Slope: 1.000000

A1 (Gain): 0.027124

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999969

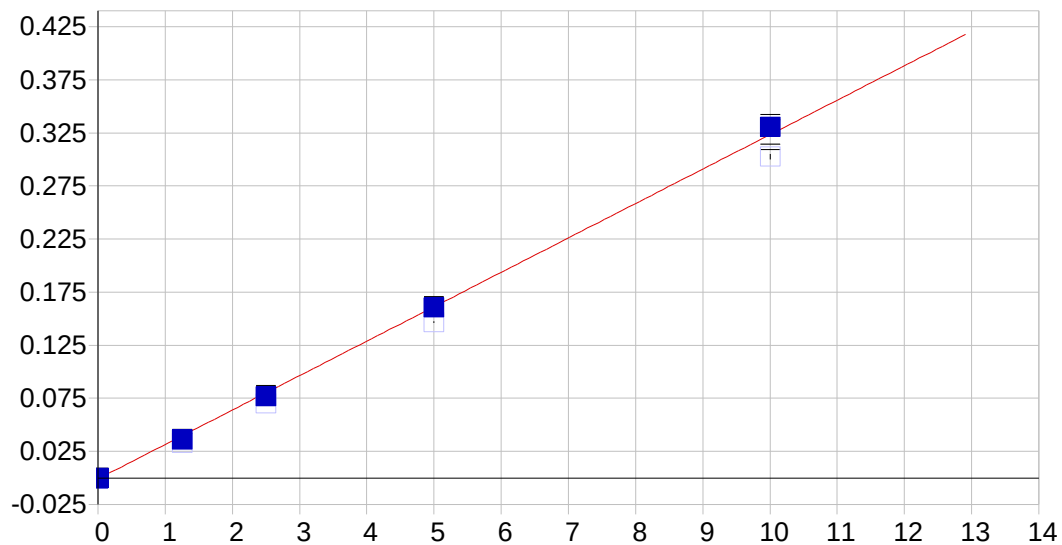
Status: OK.

Std Error of Est: 0.000441

Predicted MDL: 0.067582

Predicted MQL: 0.225272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.02031	.001	1
S1	5.0000	5.0855	.086	1.71	.15825	.001	1
S2	37.500	36.687	-.813	-2.17	1.0154	.003	1
S3	75.000	74.325	-.675	-.900	2.0363	.006	1
S4	150.00	149.71	-.295	-.197	4.0810	.001	1
S5	300.00	301.70	1.70	.566	8.2037	.029	1



P 177.495 {490}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000902

Re-Slope: 1.000000

A1 (Gain): 0.032427

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999363

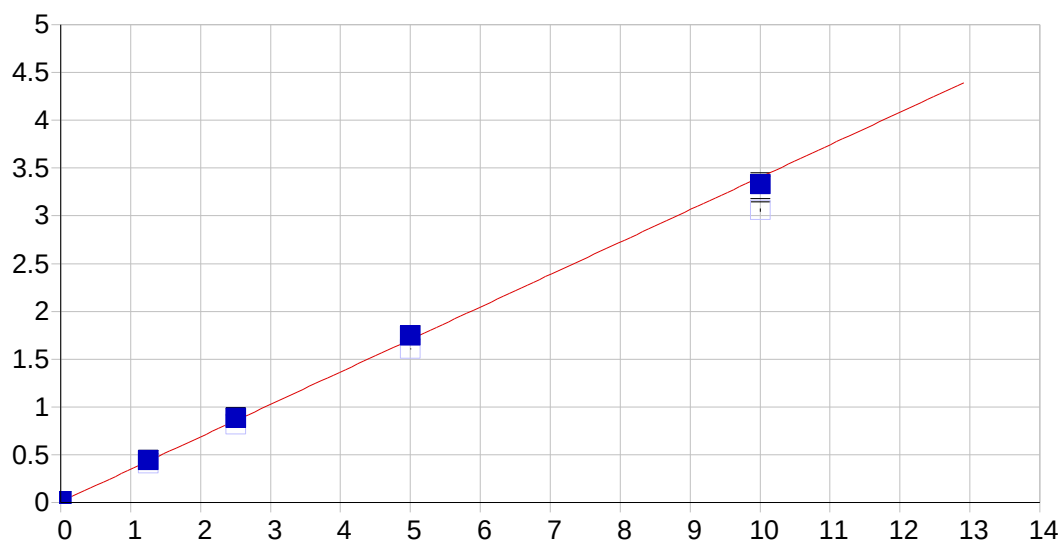
Status: OK.

Std Error of Est: 0.000018

Predicted MDL: 0.003280

Predicted MQL: 0.010932

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.01000	.01481	.005	48.1	-.00044	.000	1
S2	1.2500	1.1432	-.107	-8.54	.03267	.000	1
S3	2.5000	2.4022	-.098	-3.91	.07000	.001	1
S4	5.0000	4.9840	-.016	-.320	.14673	.001	1
S5	10.000	10.216	.216	2.16	.30239	.003	1



B 249.678 {135}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.007773

Re-Slope: 1.000000

A1 (Gain): 0.339599

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999640

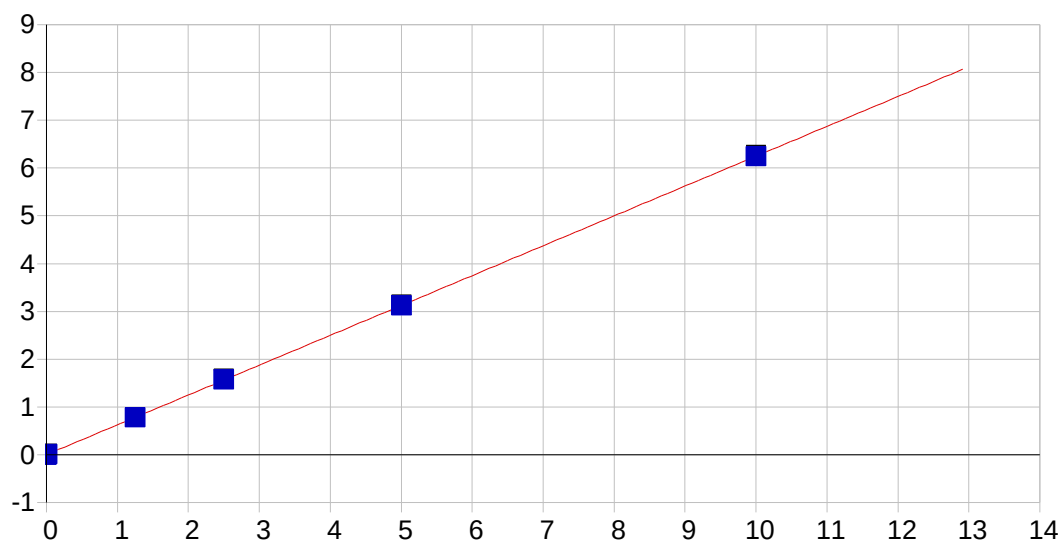
Status: OK.

Std Error of Est: 0.000141

Predicted MDL: 0.001396

Predicted MQL: 0.004654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00777	.000	1
S1	.01000	.00678	-.003	-32.2	.01001	.000	1
S2	1.2500	1.2789	.029	2.31	.40847	.002	1
S3	2.5000	2.5807	.081	3.23	.81693	.005	1
S4	5.0000	5.1105	.111	2.21	1.6088	.001	1
S5	10.000	9.7833	-.217	-2.17	3.0612	.017	1



Mo 202.030 {467}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000006

Re-Slope: 1.000000

A1 (Gain): 0.624737

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999992

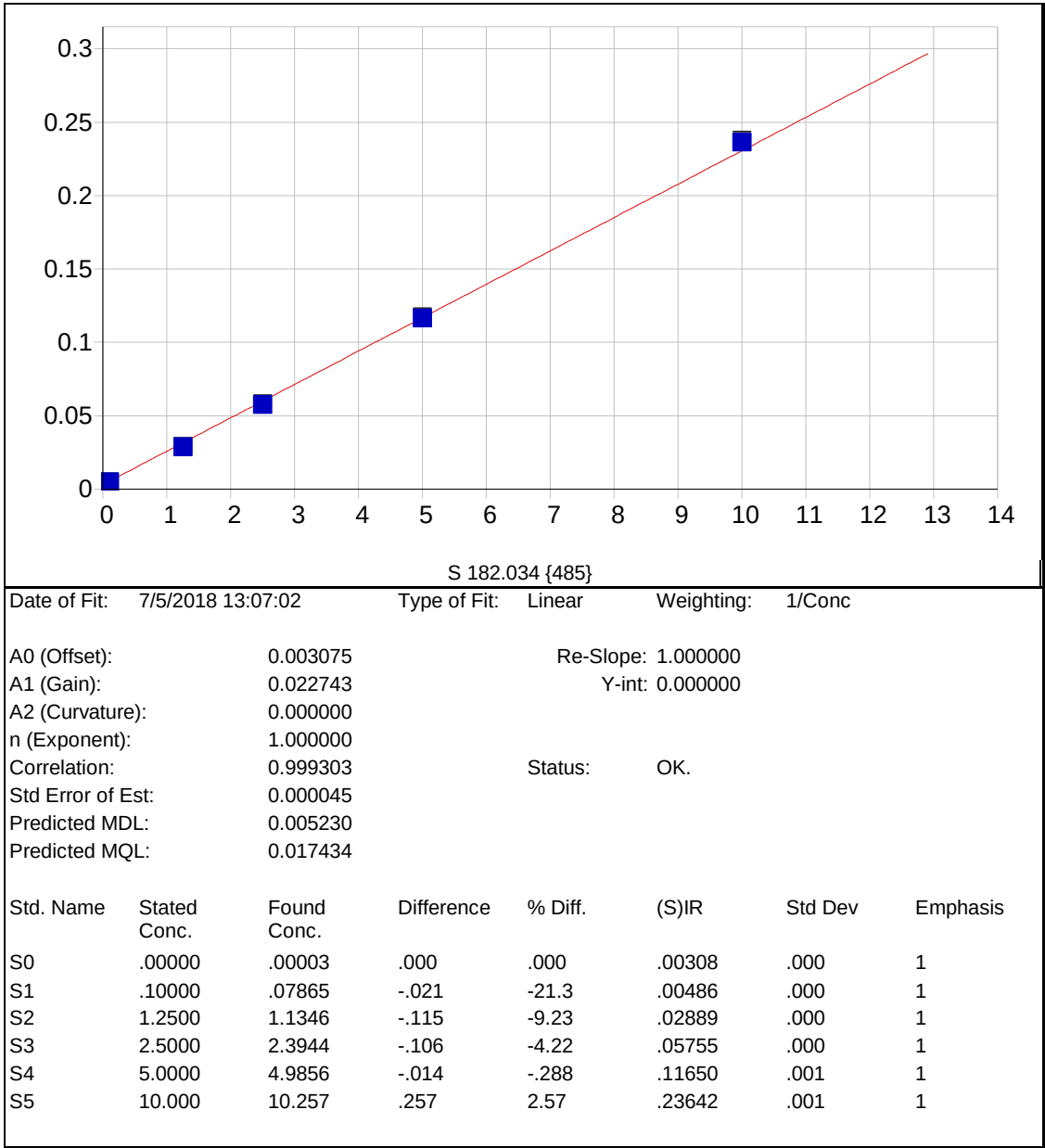
Status: OK.

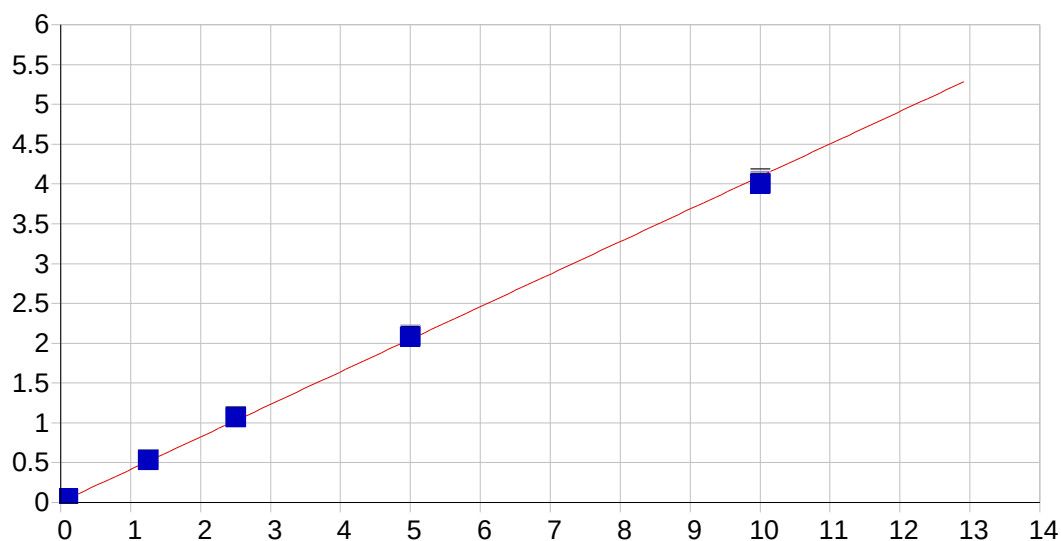
Std Error of Est: 0.000042

Predicted MDL: 0.000360

Predicted MQL: 0.001201

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01117	.001	11.7	.00698	.000	1
S2	1.2500	1.2463	-.004	-.293	.77861	.003	1
S3	2.5000	2.5189	.019	.754	1.5736	.007	1
S4	5.0000	4.9961	-.004	-.078	3.1211	.011	1
S5	10.000	9.9875	-.012	-.125	6.2393	.025	1





Si 251.611 {134}

Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.006293

Re-Slope: 1.000000

A1 (Gain): 0.408701

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999703

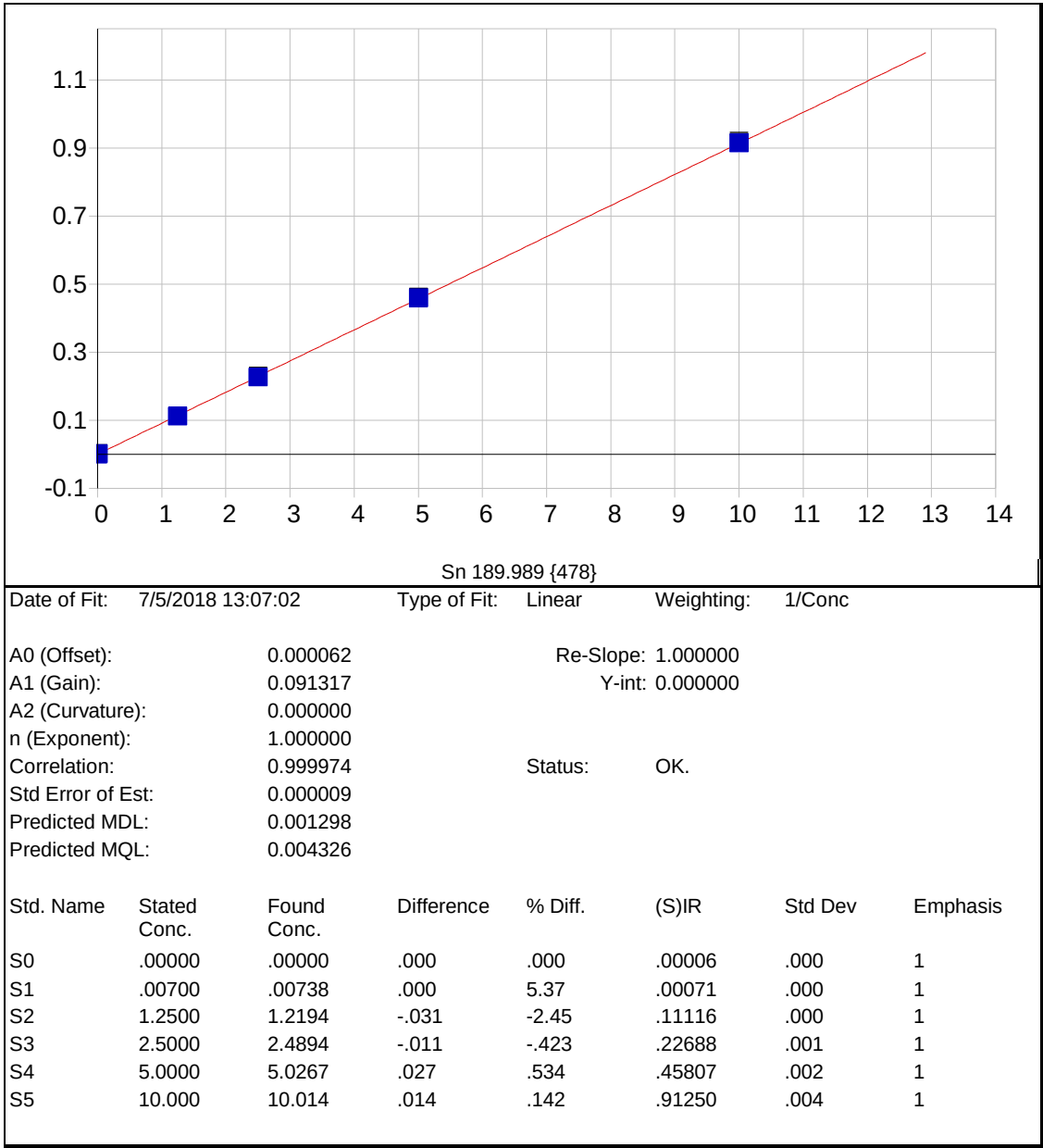
Status: OK.

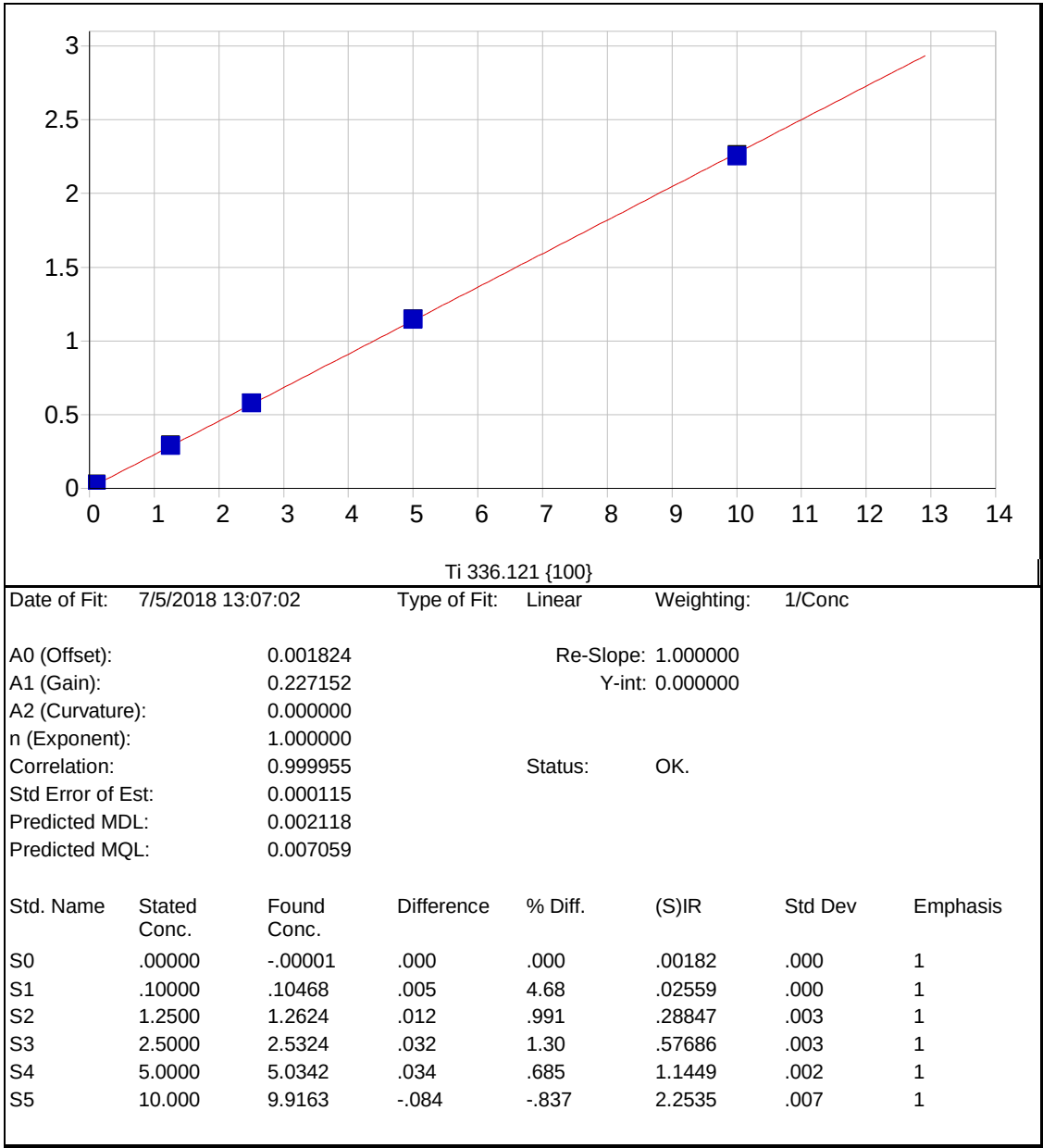
Std Error of Est: 0.000533

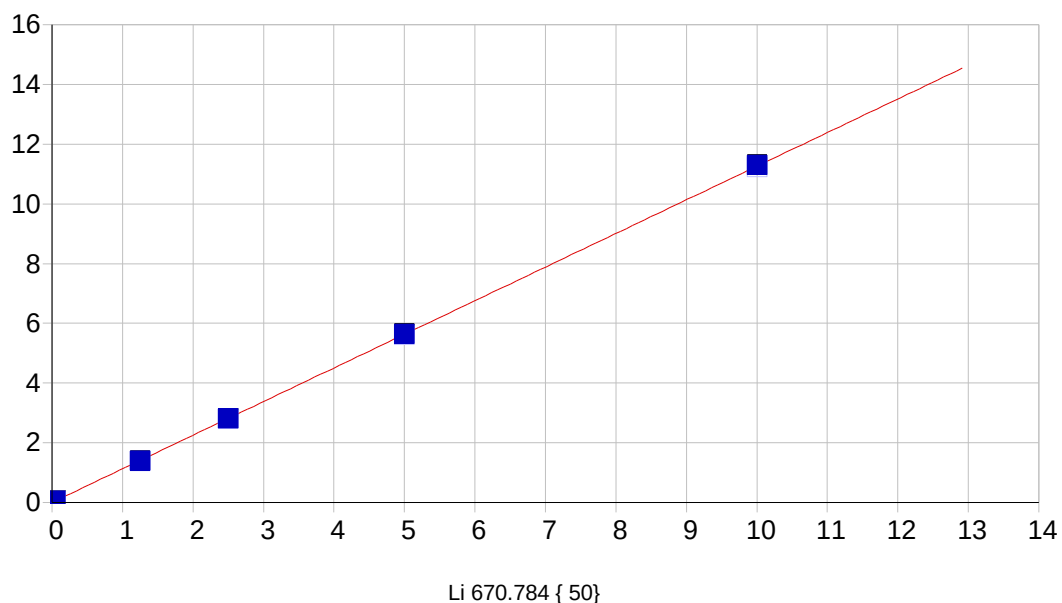
Predicted MDL: 0.001350

Predicted MQL: 0.004501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00629	.000	1
S1	.10000	.10341	.003	3.41	.04870	.001	1
S2	1.2500	1.2881	.038	3.04	.53691	.002	1
S3	2.5000	2.6009	.101	4.04	1.0777	.004	1
S4	5.0000	5.0772	.077	1.54	2.0981	.003	1
S5	10.000	9.7804	-.220	-2.20	4.0370	.026	1







Date of Fit: 7/5/2018 13:07:02

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002254

Re-Slope: 1.000000

A1 (Gain): 1.125836

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999989

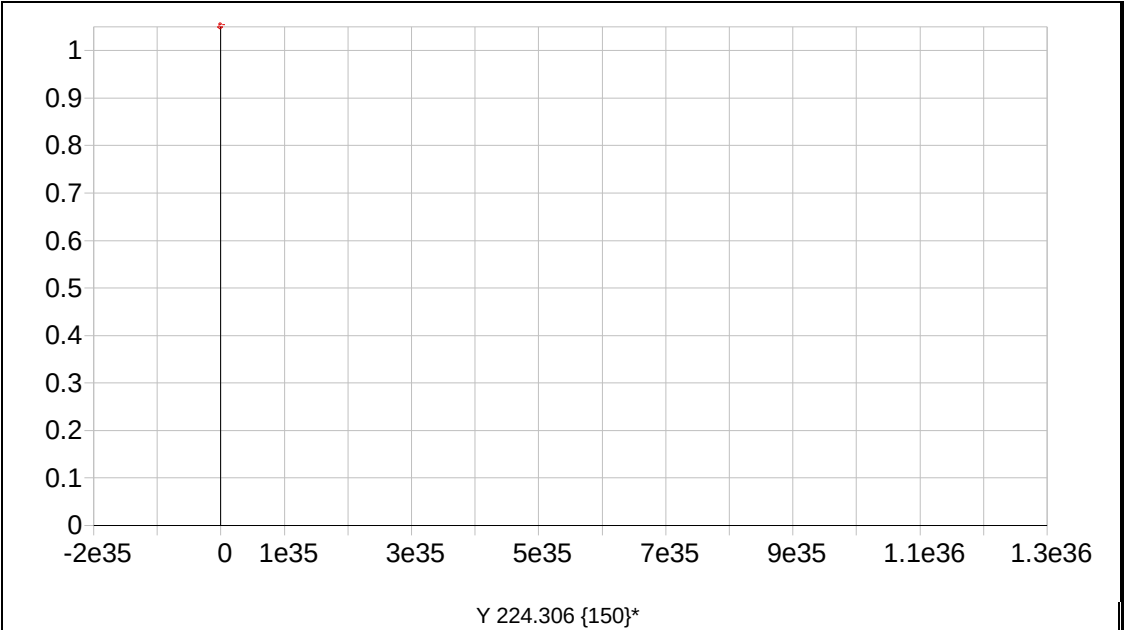
Status: OK.

Std Error of Est: 0.000195

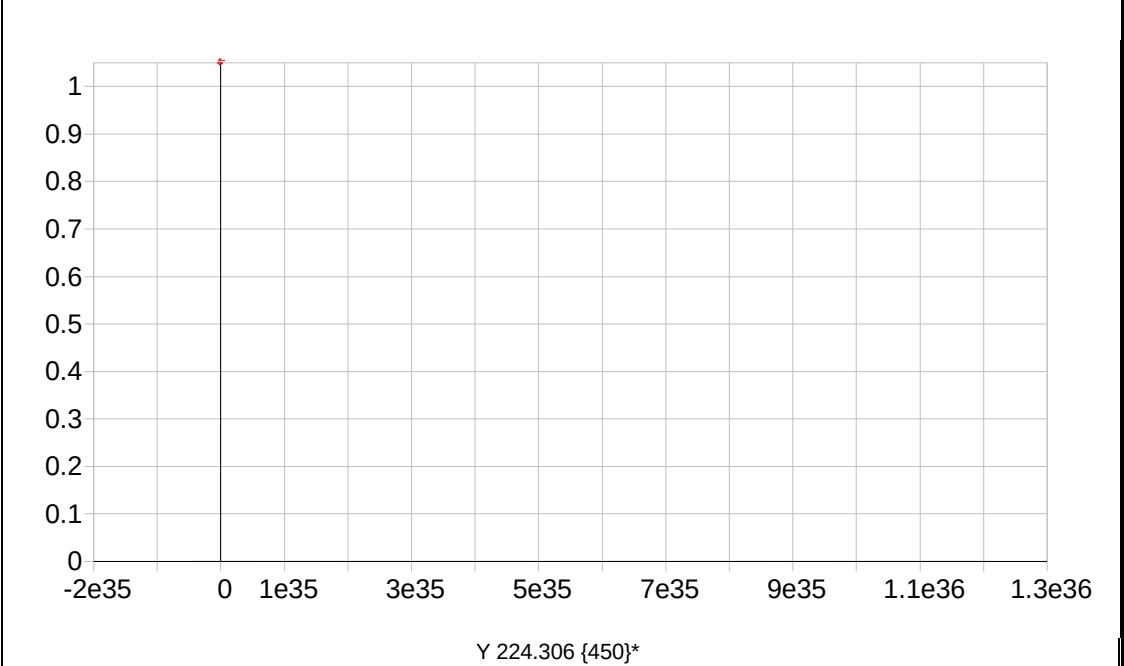
Predicted MDL: 0.001863

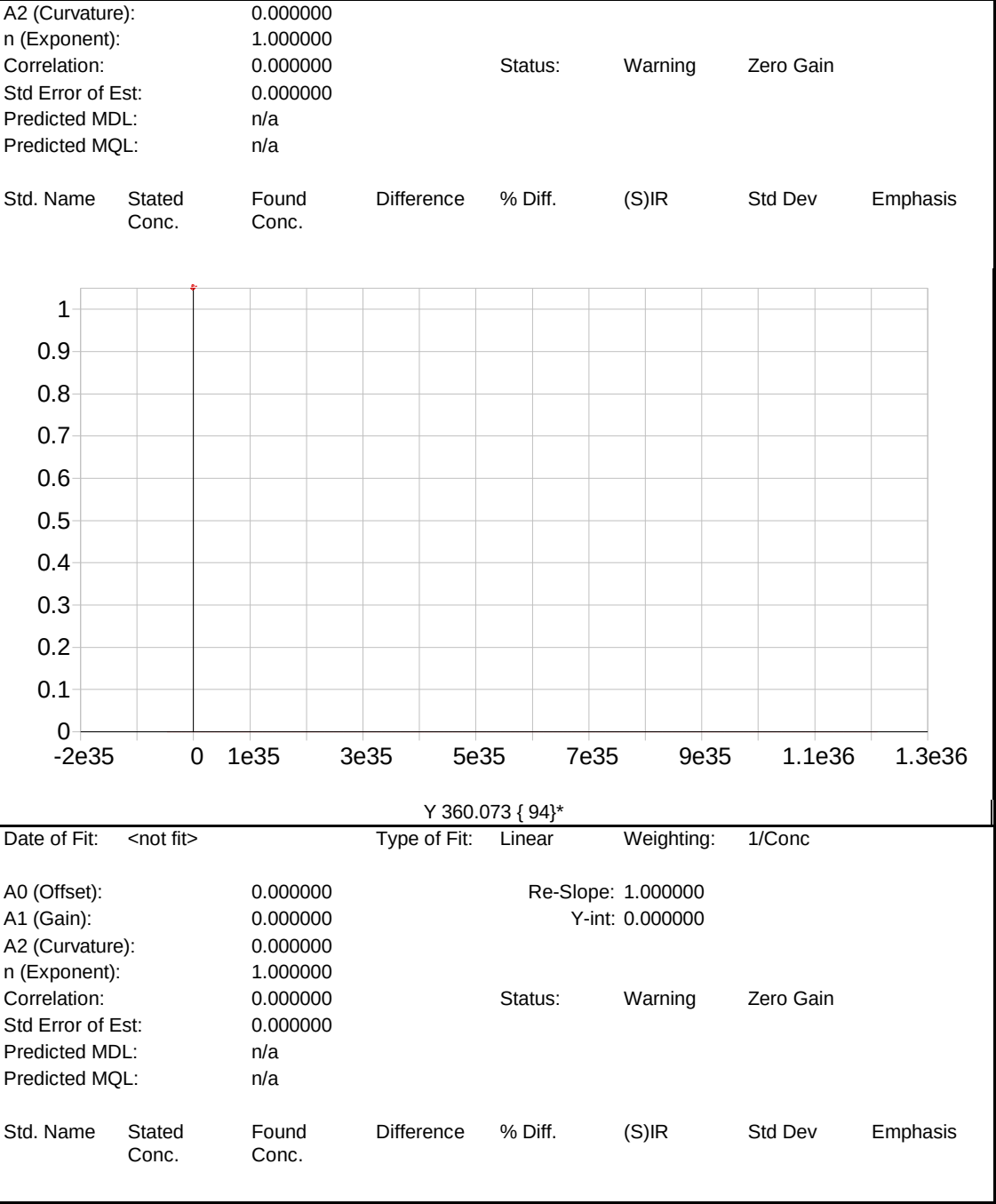
Predicted MQL: 0.006210

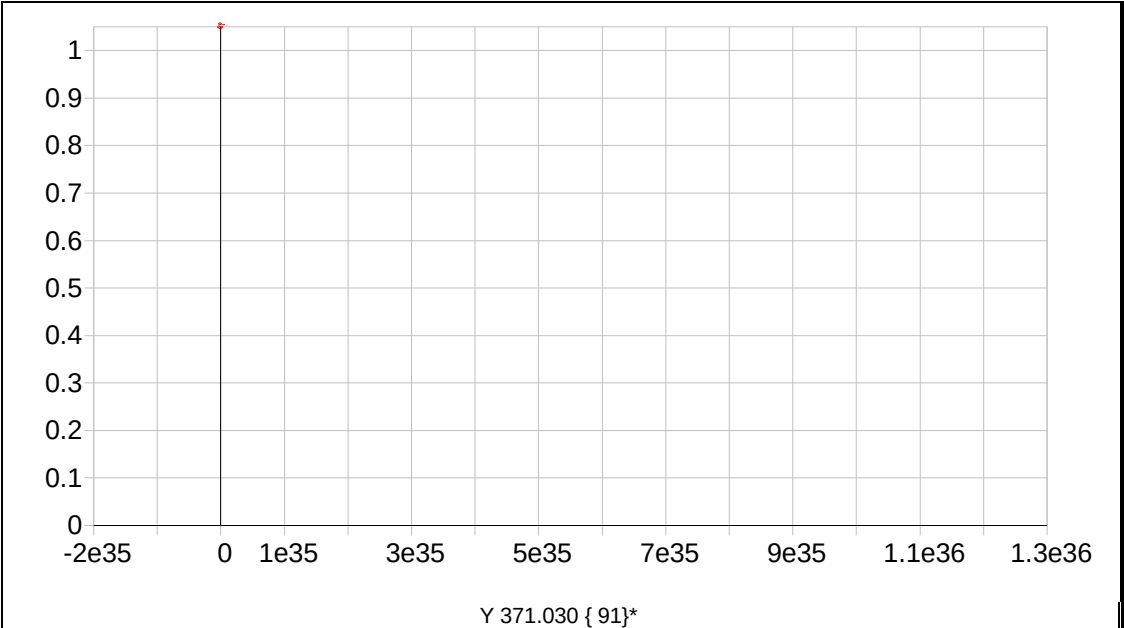
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00225	.001	1
S5	10.000	10.025	.025	.252	11.226	.023	1
S4	5.0000	5.0015	.001	.029	5.6014	.017	1
S3	2.5000	2.4900	-.010	-.399	2.7898	.003	1
S2	1.2500	1.2319	-.018	-1.44	1.3813	.004	1
S1	.05000	.05137	.001	2.75	.05998	.002	1



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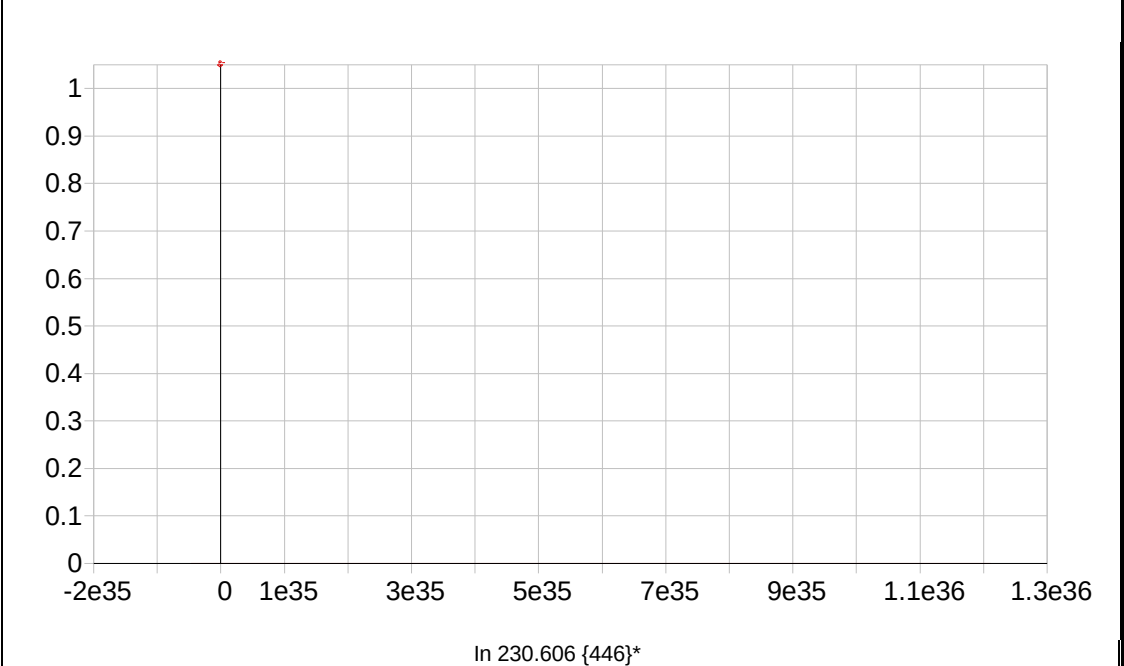




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

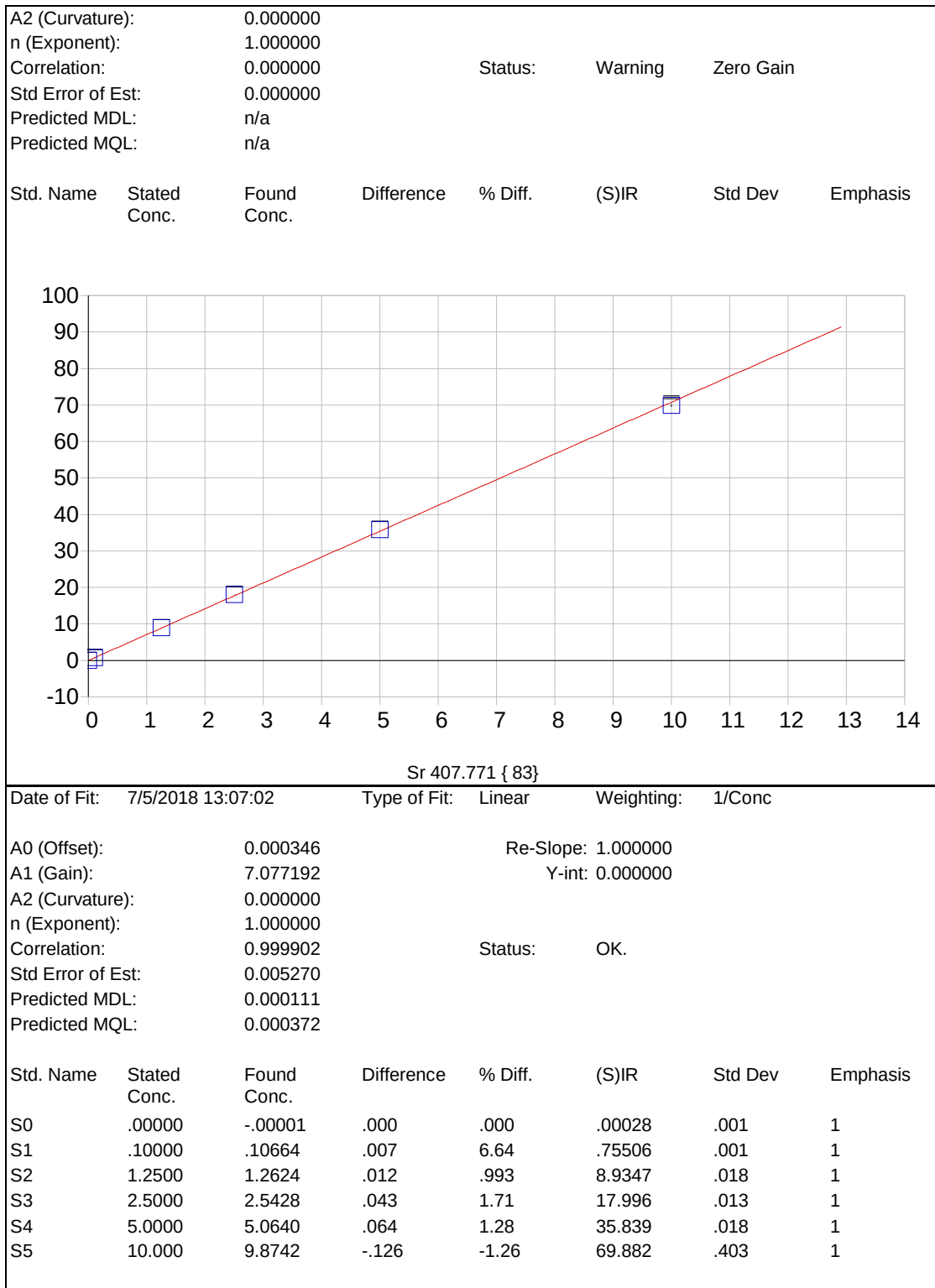
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

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



Sample Name: S0 Acquired: 7/5/2018 12:13:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	-.00002	-.00029	-.00011	.00012	.00000	.00069	-.00139	-.00126
Stddev	.00002	.00013	.00012	.00001	.0001	.00104	.00109	.00017
%RSD	107.91	44.795	105.96	9.5915	3316.6	150.71	78.435	13.885

#1	-.00002	-.00039	-.00023	.00012	.00000	.00185	-.00204	-.00128
#2	-.00004	-.00014	-.00012	.00014	-.00006	-.00016	-.00200	-.00142
#3	.00000	-.00035	.00001	.00011	.00006	.00038	-.00013	-.00107

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	.00044	.00153	.00006	-.00022	.00012	.00027	.00000	-.00038
Stddev	.00020	.00053	.00004	.00008	.00027	.00023	.0001	.00021
%RSD	45.500	34.702	67.907	37.371	215.24	86.084	2699.8	54.488

#1	.00054	.00107	.00006	-.00014	.00038	.00039	.00006	-.00052
#2	.00021	.00211	.00009	-.00021	.00014	.00041	-.00015	-.00047
#3	.00056	.00140	.00002	-.00030	-.00015	.00000	.00007	-.00014

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00144	-.00068	.00151	-.00027	-.00055	.02031	-.00090	.00777
Stddev	.00011	.00005	.00079	.00012	.00028	.00130	.00008	.00034
%RSD	7.7200	7.0567	52.401	46.066	51.339	6.3884	8.7965	4.3322

#1	-.00148	-.00072	.00202	-.00020	-.00070	.02178	-.00098	.00745
#2	-.00151	-.00063	.00191	-.00019	-.00072	.01932	-.00082	.00774
#3	-.00131	-.00069	.00060	-.00041	-.00022	.01984	-.00091	.00813

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	.00001	.00308	.00629	.00006	.00182	.00225	.00028	
Stddev	.00010	.00017	.00011	.00006	.00004	.00102	.00057	
%RSD	1760.6	5.5938	1.7000	102.40	2.1256	45.419	204.14	

#1	.00008	.00322	.00629	.00002	.00186	.00111	-.00037	
#2	-.00011	.00312	.00639	.00003	.00181	.00308	.00052	
#3	.00004	.00289	.00618	.00013	.00179	.00257	.00069	

Sample Name: S0 Acquired: 7/5/2018 12:13:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1765.1	2313.6	47452.	5160.9	3016.2
Stddev	5.4	3.7	88.	50.2	1.9
%RSD	.30678	.15833	.18540	.97214	.06334
#1	1761.8	2309.9	47377.	5107.6	3014.0
#2	1771.4	2317.2	47549.	5207.2	3017.4
#3	1762.2	2313.6	47429.	5167.9	3017.2

Sample Name: S1 Acquired: 7/5/2018 12:17:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00021	.00130	.00154	.00185	.00862	.01681	.73303	.02792
Stddev	.00007	.00005	.00023	.00018	.00004	.00110	.00057	.00083
%RSD	35.030	3.9333	14.653	9.7323	.50203	6.5496	.07777	2.9829

#1	.00024	.00125	.00138	.00176	.00866	.01556	.73249	.02706
#2	.00013	.00135	.00144	.00173	.00858	.01720	.73299	.02798
#3	.00027	.00130	.00180	.00206	.00862	.01766	.73362	.02872

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	.01354	.15600	.00162	.03033	.00373	.00141	.00211	.02343
Stddev	.00007	.00118	.00004	.00031	.00035	.00009	.00015	.00037
%RSD	.52996	.75414	2.7212	1.0261	9.2868	6.3842	7.0334	1.5608

#1	.01356	.15471	.00158	.02999	.00390	.00144	.00224	.02345
#2	.01346	.15625	.00167	.03061	.00333	.00148	.00215	.02305
#3	.01360	.15702	.00163	.03038	.00396	.00131	.00195	.02378

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	.02360	.00131	.03647	.00324	.00154	.15825	-.00044	.01001
Stddev	.00018	.00007	.00037	.00019	.00041	.00136	.00007	.00007
%RSD	.75947	4.9750	1.0258	5.7574	26.628	.86093	16.851	.74072

#1	.02340	.00136	.03689	.00306	.00107	.15685	-.00043	.00997
#2	.02364	.00124	.03619	.00344	.00180	.15834	-.00038	.00996
#3	.02376	.00133	.03632	.00323	.00175	.15957	-.00052	.01009

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	.00698	.00486	.04870	.00071	.02559	.05998	.75506	
Stddev	.00011	.00006	.00059	.00009	.00025	.00201	.00101	
%RSD	1.5472	1.2175	1.2210	12.919	.97057	3.3501	.13439	

#1	.00709	.00485	.04819	.00061	.02561	.05854	.75526	
#2	.00698	.00493	.04855	.00072	.02534	.06228	.75597	
#3	.00688	.00481	.04935	.00080	.02584	.05912	.75397	

Sample Name: S1 Acquired: 7/5/2018 12:17:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1800.9	2320.5	48453.	5244.7	3025.9
Stddev	6.8	8.9	124.	16.9	14.1
%RSD	.37773	.38189	.25577	.32128	.46479
#1	1793.3	2324.1	48572.	5240.2	3032.3
#2	1802.9	2327.0	48462.	5230.5	3035.6
#3	1806.4	2310.4	48324.	5263.3	3009.8

Sample Name: S2 Acquired: 7/5/2018 12:21:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	.03788	.07112	.89014	.05382	.16826	2.8723	8.6018	.68359
Stddev	.00035	.00027	.00310	.00018	.00065	.0168	.0236	.00255
%RSD	.93193	.37825	.34849	.32900	.38400	.58606	.27447	.37341

#1	.03762	.07111	.88770	.05364	.16826	2.8539	8.6137	.68645
#2	.03774	.07139	.88908	.05384	.16761	2.8763	8.5746	.68153
#3	.03828	.07085	.89363	.05399	.16890	2.8868	8.6170	.68280

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5228	1.9082	.54368	.36109	.47867	.42311	.49581	.28549
Stddev	.0033	.0194	.00122	.00234	.00174	.00389	.00576	.00296
%RSD	.21647	1.0184	.22365	.64691	.36248	.91992	1.1608	1.0351

#1	1.5225	1.8874	.54507	.35888	.47672	.41964	.49026	.28251
#2	1.5197	1.9113	.54312	.36085	.47927	.42237	.49542	.28554
#3	1.5263	1.9259	.54284	.36354	.48003	.42732	.50175	.28842

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	.35526	.05450	.24670	.03634	.11456	1.0154	.03267	.40847
Stddev	.00141	.00025	.00187	.00099	.00160	.0034	.00016	.00159
%RSD	.39623	.45216	.75802	2.7279	1.3962	.33660	.48067	.39043

#1	.35374	.05431	.24471	.03531	.11276	1.0124	.03258	.40954
#2	.35553	.05478	.24698	.03642	.11507	1.0191	.03258	.40664
#3	.35652	.05442	.24842	.03729	.11584	1.0147	.03286	.40924

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	.77861	.02889	.53691	.11116	.28847	1.3813	8.9347	
Stddev	.00251	.00031	.00220	.00047	.00259	.0040	.0179	
%RSD	.32225	1.0745	.41009	.42691	.89906	.29297	.19983	

#1	.77881	.02885	.53556	.11095	.28617	1.3820	8.9427	
#2	.77600	.02860	.53572	.11082	.28797	1.3770	8.9143	
#3	.78101	.02922	.53945	.11170	.29128	1.3850	8.9472	

Sample Name: S2 Acquired: 7/5/2018 12:21:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1706.7	2221.7	46414.	5129.1	2763.1
Stddev	5.8	12.3	143.	11.5	10.5
%RSD	.33890	.55204	.30865	.22515	.38093
#1	1713.4	2219.8	46355.	5119.1	2768.7
#2	1703.3	2234.8	46578.	5126.5	2769.7
#3	1703.4	2210.5	46310.	5141.8	2751.0

Sample Name: S3 Acquired: 7/5/2018 12:25:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	.07761	.14243	1.8067	.10830	.34171	5.7963	17.454	1.3627
Stddev	.00079	.00149	.0046	.00054	.00184	.0159	.026	.0053
%RSD	1.0118	1.0453	.25285	.49489	.53921	.27364	.14715	.38939

#1	.07692	.14170	1.8039	.10782	.33961	5.7791	17.484	1.3681
#2	.07745	.14145	1.8042	.10820	.34249	5.7995	17.440	1.3624
#3	.07847	.14415	1.8120	.10888	.34304	5.8103	17.439	1.3575

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0795	3.8121	1.0748	.73572	.95729	.83845	.98742	.57606
Stddev	.0105	.0211	.0007	.00278	.00131	.00545	.00561	.00214
%RSD	.34178	.55356	.06434	.37782	.13687	.64990	.56816	.37089

#1	3.0735	3.7885	1.0745	.73413	.95875	.83279	.98156	.57370
#2	3.0733	3.8183	1.0742	.73409	.95620	.83888	.98794	.57663
#3	3.0917	3.8294	1.0755	.73893	.95692	.84366	.99275	.57785

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	.72022	.11004	.49367	.07231	.23402	2.0363	.07000	.81693
Stddev	.00198	.00058	.00151	.00042	.00063	.0060	.00070	.00498
%RSD	.27544	.52524	.30545	.58039	.26855	.29440	.99677	.61013

#1	.71944	.10953	.49314	.07203	.23437	2.0304	.06942	.82258
#2	.71874	.10993	.49536	.07210	.23440	2.0362	.06981	.81506
#3	.72247	.11067	.49249	.07279	.23330	2.0424	.07078	.81315

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	1.5736	.05755	1.0777	.22688	.57686	2.7898	17.996	
Stddev	.0072	.00034	.0039	.00098	.00258	.0031	.013	
%RSD	.45780	.58933	.36549	.43133	.44701	.11222	.07196	

#1	1.5657	.05717	1.0822	.22663	.57404	2.7869	17.987	
#2	1.5751	.05765	1.0751	.22605	.57744	2.7893	17.991	
#3	1.5799	.05782	1.0757	.22796	.57909	2.7931	18.011	

Sample Name: S3 Acquired: 7/5/2018 12:25:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1643.4	2128.0	45081.	5033.2	2595.6
Stddev	4.1	10.6	63.	3.7	11.2
%RSD	.25162	.49877	.14065	.07302	.43179
#1	1647.1	2139.0	45066.	5029.3	2599.6
#2	1644.2	2127.2	45151.	5036.6	2604.2
#3	1638.9	2117.8	45027.	5033.7	2582.9

Sample Name: S4 Acquired: 7/5/2018 12:29:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	.15859	.28168	3.6169	.21511	.69353	11.678	34.958	2.6867
Stddev	.00125	.00169	.0222	.00098	.00286	.012	.036	.0016
%RSD	.78976	.59838	.61406	.45742	.41235	.09939	.10269	.05922

#1	.15782	.28061	3.6053	.21502	.69233	11.665	34.931	2.6866
#2	.15791	.28080	3.6029	.21418	.69147	11.686	34.999	2.6851
#3	.16003	.28362	3.6425	.21614	.69680	11.684	34.945	2.6883

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0808	7.6403	2.1007	1.4774	1.9045	1.6487	1.9433	1.1590
Stddev	.0289	.0082	.0017	.0074	.0006	.0055	.0076	.0051
%RSD	.47460	.10774	.07933	.49936	.02935	.33232	.38900	.44232

#1	6.0713	7.6316	2.1021	1.4748	1.9043	1.6424	1.9353	1.1537
#2	6.0579	7.6480	2.0989	1.4716	1.9041	1.6526	1.9503	1.1639
#3	6.1132	7.6413	2.1012	1.4857	1.9051	1.6511	1.9444	1.1595

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	1.4366	.22189	.98498	.14349	.47713	4.0810	.14673	1.6088
Stddev	.0116	.00051	.00184	.00024	.00352	.0013	.00091	.0005
%RSD	.80805	.22909	.18672	.16593	.73858	.03196	.61738	.03347

#1	1.4308	.22247	.98508	.14368	.47386	4.0800	.14636	1.6089
#2	1.4290	.22153	.98309	.14322	.48086	4.0804	.14606	1.6093
#3	1.4500	.22168	.98676	.14356	.47666	4.0825	.14776	1.6082

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	3.1211	.11650	2.0981	.45807	1.1449	5.6014	35.839	
Stddev	.0108	.00071	.0033	.00232	.0018	.0174	.018	
%RSD	.34632	.61285	.15769	.50643	.15835	.31084	.05113	

#1	3.1217	.11671	2.0943	.45707	1.1432	5.5817	35.819	
#2	3.1101	.11571	2.1000	.45642	1.1468	5.6079	35.856	
#3	3.1317	.11708	2.1001	.46072	1.1447	5.6147	35.842	

Sample Name: S4 Acquired: 7/5/2018 12:29:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1559.9	2025.8	43677.	4949.3	2426.8
Stddev	7.7	4.1	82.	6.8	11.1
%RSD	.49285	.20112	.18766	.13726	.45654
#1	1568.7	2025.4	43755.	4947.6	2428.4
#2	1554.5	2030.0	43684.	4943.5	2437.0
#3	1556.6	2021.9	43592.	4956.8	2415.1

Sample Name: S5 Acquired: 7/5/2018 12:33:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	.32603	.54516	7.2272	.43014	1.4267	23.556	69.104	5.2157
Stddev	.00149	.00125	.0319	.00164	.0074	.031	.145	.0370
%RSD	.45811	.22969	.44151	.38094	.52107	.13170	.20974	.70868

#1	.32492	.54552	7.2286	.42950	1.4253	23.586	69.246	5.2042
#2	.32544	.54377	7.1947	.42892	1.4201	23.558	69.108	5.1859
#3	.32772	.54620	7.2584	.43200	1.4348	23.524	68.956	5.2571

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	11.932	15.127	4.0647	2.9395	3.7729	3.2023	3.7998	2.3291
Stddev	.040	.009	.0054	.0098	.0012	.0069	.0017	.0039
%RSD	.33870	.05996	.13353	.33284	.03243	.21632	.04382	.16729

#1	11.929	15.127	4.0708	2.9375	3.7715	3.2090	3.8004	2.3326
#2	11.893	15.118	4.0603	2.9309	3.7735	3.2026	3.8011	2.3249
#3	11.974	15.136	4.0631	2.9502	3.7737	3.1952	3.7979	2.3296

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	2.8303	.44534	1.9525	.28250	.99446	8.2037	.30239	3.0612
Stddev	.0077	.00084	.0036	.00156	.00798	.0287	.00258	.0169
%RSD	.27175	.18932	.18439	.55245	.80220	.34937	.85426	.55343

#1	2.8307	.44631	1.9544	.28360	.99900	8.1789	.30204	3.0467
#2	2.8225	.44475	1.9548	.28319	.99912	8.1970	.30000	3.0570
#3	2.8379	.44497	1.9484	.28072	.98524	8.2351	.30513	3.0798

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	6.2393	.23642	4.0370	.91250	2.2535	11.226	69.882	
Stddev	.0250	.00106	.0256	.00386	.0072	.023	.403	
%RSD	.40080	.44656	.63510	.42267	.31707	.20351	.57613	

#1	6.2369	.23583	4.0131	.91061	2.2606	11.252	69.923	
#2	6.2156	.23579	4.0339	.90996	2.2535	11.215	69.460	
#3	6.2654	.23764	4.0641	.91694	2.2463	11.210	70.262	

Sample Name: S5 Acquired: 7/5/2018 12:33:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1441.9	1872.3	41924.	4882.6	2233.6
Stddev	4.4	7.9	91.	32.2	8.1
%RSD	.30292	.42141	.21805	.65980	.36175
#1	1446.4	1871.7	42029.	4906.0	2231.2
#2	1437.7	1880.5	41864.	4895.9	2242.6
#3	1441.5	1864.7	41878.	4845.8	2227.0

Sample Name: S6 Acquired: 7/5/2018 12:37:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	65.349	24.554	8.9662	3.9552	5.6692
Stddev	.223	.089	.0324	.0169	.0213
%RSD	.34197	.36331	.36176	.42622	.37547

#1	65.601	24.657	9.0032	3.9747	5.6934
#2	65.175	24.504	8.9525	3.9455	5.6536
#3	65.271	24.501	8.9428	3.9454	5.6604

Int. Std.	Y_3710
Units	Cts/S
Avg	4768.7
Stddev	26.9
%RSD	.56366

#1	4738.8
#2	4790.8
#3	4776.5

Sample Name: ICV Acquired: 7/5/2018 12:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	1.031382	F 1.147623	1.044971	1.058448	1.016252	2.559306
Stddev	.005371	.004708	.007211	.003448	.002149	.017982
%RSD	.5207693	.4102461	.6900844	.3257214	.2114411	.7025928

#1	1.028423	1.150531	1.043325	1.060843	1.018382	2.555189
#2	1.028142	1.142192	1.038725	1.060005	1.014085	2.578989
#3	1.037582	1.150147	1.052863	1.054497	1.016287	2.543741

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5445848	F .5475477	.5219302	10.75022	F .5710308	.5222109
Stddev	.0024761	.0062501	.0011386	.06839	.0006127	.0020614
%RSD	.4546729	1.141478	.2181543	.6362168	.1073018	.3947425

#1	.5452700	.5464769	.5221049	10.73779	.5711514	.5211897
#2	.5466461	.5542640	.5207143	10.82397	.5715743	.5208595
#3	.5418383	.5419021	.5229713	10.68889	.5703668	.5245836

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5723582	F 5.683165	F .5798209	6.207458	.5357931	.5280130
Stddev	.0042876	.011128	.0100068	.028724	.0032059	.0016684
%RSD	.7491030	.1958065	1.725838	.4627338	.5983482	.3159762

#1	.5772885	5.695197	.5822114	6.225128	.5357502	.5276299
#2	.5695029	5.681054	.5884160	6.222931	.5326089	.5265694
#3	.5702832	5.673243	.5688354	6.174315	.5390202	.5298396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38782	F .5704511	1.042888	10.77590	F .0192544	F .6137104
Stddev	.24007	.0038702	.025349	.01253	.0018521	.0126131
%RSD	2.311077	.6784434	2.430641	.1162769	9.619324	2.055216

#1	10.11818	.5741035	1.069444	10.77317	.0171284	.6218406
#2	10.57835	.5708549	1.040269	10.78957	.0201164	.6201102
#3	10.46693	.5663948	1.018950	10.76496	.0205185	.5991804

Sample Name: ICV Acquired: 7/5/2018 12:41:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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 .5372682	-.021997	.6017723	F .5259637	.6743085	.0041150
Stddev	.0104832	.008758	.0142198	.0093182	.0243118	.0013260
%RSD	1.951207	39.81463	2.362994	1.771638	3.605441	32.22426

#1	.5490643	-.012298	.6124755	.5353227	.6922369	.0054254
#2	.5337232	-.029325	.6072042	.5258814	.6840524	.0041458
#3	.5290170	-.024367	.5856372	.5166869	.6466362	.0027739

Elem	Sr4077
Units	ppm
Avg	.0129002
Stddev	.0001156
%RSD	.8961381

#1	.0129659
#2	.0129680
#3	.0127667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.046	2302.295	47293.49	5136.745	2965.170
Stddev	7.007	7.829	98.46	45.256	8.328
%RSD	.4006151	.3400446	.2081867	.8810343	.2808479

#1	1741.778	2299.613	47296.74	5142.638	2963.974
#2	1749.600	2311.112	47193.45	5088.831	2974.031
#3	1755.759	2296.159	47390.28	5178.767	2957.505

Sample Name: ICB Acquired: 7/5/2018 12:45:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	-.001771	-.000143	-.000823	.0010297	.0012977	-.002504	-.001367
Stddev	.000837	.001746	.000346	.0028538	.0007409	.005655	.000298
%RSD	47.26216	1220.765	42.10266	277.1411	57.09271	225.8329	21.81181

#1	-.001144	-.001745	-.000874	.0025547	.0009149	-.003550	-.001635
#2	-.001447	.001718	-.000453	.0027970	.0021517	-.007564	-.001046
#3	-.002721	-.000401	-.001140	-.002263	.0008265	.003601	-.001419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000049	-.003954	-.000348	.0003179	.0076310	-.006794
Stddev	.000093	.000060	.007668	.000452	.0001654	.0029915	.004063
%RSD	338.0888	122.1505	193.9237	129.6595	52.03436	39.20210	59.81145

#1	-.000058	-.000114	.003991	.000128	.0004188	.0073948	-.005823
#2	-.000102	-.000034	-.011310	-.000771	.0004078	.0047646	-.003304
#3	.000077	.000002	-.004543	-.000402	.0001270	.0107337	-.011255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	.0390126	-.000138	.0005610	-.190161	.0038234	.0031760
Stddev	.001281	.0203797	.000570	.0002863	.265497	.0028633	.0055242
%RSD	1110.546	52.23875	412.2458	51.03765	139.6172	74.88849	173.9347

#1	-.000100	.0596350	-.000761	.0005696	-.496653	.0005727	.0091965
#2	-.001404	.0385180	-.000013	.0008429	-.030935	.0059713	.0019910
#3	.001158	.0188847	.000359	.0002705	-.042895	.0049264	-.001659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188138	-.000451	-.005242	.0001599	-.040375	-.003621	-.000868
Stddev	.0567716	.002533	.000619	.0000519	.004292	.000744	.001254
%RSD	301.7545	561.6337	11.80251	32.44172	10.63144	20.53148	144.4965

#1	-.024864	-.001715	-.005042	.0001484	-.045296	-.002763	-.001055
#2	-.001682	-.002103	-.005936	.0001147	-.037403	-.004038	.000469
#3	.082987	.002465	-.004748	.0002165	-.038425	-.004064	-.002017

Sample Name: ICB Acquired: 7/5/2018 12:45:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	-.000577	.0011033	-.000027
Stddev	.001664	.0012359	.000061
%RSD	288.6612	112.0141	223.5195

#1	-.002497	-.000320	.000025
#2	.000433	.001722	-.000013
#3	.000335	.001908	-.000095

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.237	2323.296	47770.44	5155.323	3025.216
Stddev	8.867	11.718	160.91	10.918	12.188
%RSD	.5011830	.5043593	.3368311	.2117753	.4028704

#1	1762.879	2327.846	47605.77	5164.910	3024.608
#2	1765.466	2332.056	47778.26	5157.620	3037.697
#3	1779.366	2309.985	47927.29	5143.440	3013.344

Sample Name: IC5A Acquired: 7/5/2018 12:54:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015978	.0042759	-.008546	-.012080	.0010673	245.5650	.0040532
Stddev	.0073073	.0034738	.004512	.004159	.0007447	.2121	.0003756
%RSD	457.3419	81.24316	52.79988	34.42820	69.76819	.0863794	9.266439

#1	-.006797	.0019357	-.013756	-.007606	.0018270	245.3681	.0038541
#2	.005063	.0082673	-.005934	-.015829	.0003386	245.5373	.0044864
#3	.006528	.0026246	-.005947	-.012804	.0010364	245.7896	.0038191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010507	.0003520	252.4289	.0527776	.0010815	-.000167	104.4450
Stddev	.0000145	.0001385	.6579	.0005895	.0003399	.003807	.0665
%RSD	1.378219	39.34732	.2606409	1.116978	31.43207	2274.749	.0637039

#1	.0010667	.0002304	253.0427	.0524677	.0011822	-.001297	104.4278
#2	.0010385	.0005028	252.5098	.0524077	.0013596	-.003281	104.5184
#3	.0010469	.0003227	251.7343	.0534574	.0007026	.004076	104.3887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136868	258.5145	.0005002	-.000460	-.118094	.0013465	-.004985
Stddev	.0019952	.6625	.0005427	.000687	.114588	.0043487	.015204
%RSD	14.57789	.2562728	108.4903	149.3835	97.03043	322.9701	305.0244

#1	.0147691	258.2478	.0010929	.000270	-.008665	.0039887	-.018342
#2	.0149070	259.2688	.0000276	-.000556	-.108394	-.003673	-.008172
#3	.0113843	258.0270	.0003801	-.001094	-.237224	.003723	.011561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080779	.0037298	-.006936	.0015186	-.016442	-.007878	-.005399
Stddev	.017726	.0048204	.002670	.0001603	.003685	.001361	.001921
%RSD	21.94400	129.2389	38.49199	10.55340	22.41449	17.27464	35.57436

#1	-.065549	.0091103	-.009146	.0015983	-.013054	-.007297	-.003182
#2	-.100237	.0022742	-.003970	.0016233	-.015906	-.006905	-.006549
#3	-.076551	-.000195	-.007691	.0013341	-.020366	-.009433	-.006466

Sample Name: ICSA Acquired: 7/5/2018 12:54:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004115	.0084314	.1066207
Stddev	.000582	.0015711	.0001218
%RSD	14.15267	18.63442	.1142624

#1	-.004569	.0082588	.1067613
#2	-.004317	.0069536	.1065517
#3	-.003459	.0100816	.1065490

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.173	2154.733	44492.44	5037.131	2569.568
Stddev	3.227	1.648	84.41	33.947	4.064
%RSD	.1966552	.0764632	.1897228	.6739263	.1581752

#1	1638.478	2156.249	44509.46	5002.078	2573.380
#2	1640.291	2154.969	44400.82	5069.851	2570.034
#3	1644.750	2152.980	44567.05	5039.465	2565.291

Sample Name: ICSAB Acquired: 7/5/2018 12:58:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	.0969326	.1108515	.0423038	.0359860	.5857019	242.1628
Stddev	.0055280	.0017021	.0022193	.0004702	.0051633	.5242
%RSD	5.702942	1.535454	5.246157	1.306613	.8815595	.2164715

#1	.0921835	.1120244	.0417105	.0361643	.5852428	242.3572
#2	.1030009	.1116307	.0447595	.0354528	.5807835	242.5620
#3	.0956135	.1088993	.0404414	.0363411	.5910795	241.5691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5279771	.5283687	1.006491	251.0576	.5891166	.5113705
Stddev	.0020755	.0014416	.005142	.4847	.0006655	.0019609
%RSD	.3931135	.2728365	.5108909	.1930734	.1129646	.3834577

#1	.5292942	.5267739	1.005221	250.6225	.5888930	.5116620
#2	.5290526	.5287531	1.002103	251.5801	.5885917	.5092802
#3	.5255845	.5295791	1.012149	250.9703	.5898651	.5131693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5342631	104.0097	.5680995	256.7036	1.014985	.2018358
Stddev	.0071175	.3596	.0049956	.7259	.006820	.0011392
%RSD	1.332206	.3457801	.8793568	.2827598	.6719019	.5643989

#1	.5384961	103.6167	.5637940	255.9396	1.014139	.2021038
#2	.5382475	104.3224	.5669275	256.7871	1.008627	.2028171
#3	.5260458	104.0900	.5735769	257.3841	1.022188	.2005865

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.275510	.5468314	1.042991	-.146600	.0144453	-.009107
Stddev	.104474	.0033371	.010404	.028001	.0016750	.000773
%RSD	37.92001	.6102536	.9975499	19.10049	11.59558	8.492195

#1	-.365376	.5504869	1.031378	-.136841	.0154989	-.008214
#2	-.300276	.5460592	1.046133	-.178175	.0153231	-.009549
#3	-.160879	.5439482	1.051463	-.124784	.0125138	-.009558

Sample Name: ICSAB Acquired: 7/5/2018 12:58:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) 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	.0027331	-.016569	-.005932	F -.007057	-.005885	.0078674
Stddev	.0006772	.008558	.001791	.000731	.003822	.0032486
%RSD	24.77748	51.65091	30.18967	10.36147	64.94559	41.29168

#1	.0031421	-.015664	-.007819	-.007885	-.001961	.0115267
#2	.0031058	-.025543	-.004256	-.006786	-.006098	.0067517
#3	.0019514	-.008499	-.005720	-.006500	-.009596	.0053236

Elem	Sr4077
Units	ppm
Avg	.1050466
Stddev	.0000985
%RSD	.0937690

#1	.1051585
#2	.1050082
#3	.1049731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.675	2149.437	44491.74	5029.987	2570.034
Stddev	9.276	8.380	152.77	8.291	11.043
%RSD	.5667604	.3898648	.3433692	.1648316	.4296872

#1	1626.196	2152.581	44386.59	5031.118	2570.349
#2	1639.990	2155.789	44666.98	5021.189	2580.916
#3	1643.837	2139.939	44421.66	5037.655	2558.836

Sample Name: CCV054 Acquired: 7/5/2018 13:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.135050	5.083372	25.48769	4.930110	5.092289	392.8003
Stddev	.017046	.019140	.10303	.003361	.006568	1.2362
%RSD	.3319468	.3765255	.4042235	.0681654	.1289796	.3147079

#1	5.142976	5.085359	25.42826	4.930721	5.084859	394.2232
#2	5.115485	5.063316	25.42816	4.933123	5.094690	391.9909
#3	5.146691	5.101441	25.60666	4.926485	5.097320	392.1867

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45767	.5226025	2.505940	413.5776	15.75034	2.598998
Stddev	.03300	.0019163	.008304	1.6594	.02089	.013582
%RSD	.3155302	.3666812	.3313843	.4012243	.1326427	.5225770

#1	10.49550	.5247436	2.501986	414.5315	15.72957	2.595805
#2	10.44271	.5210483	2.500350	411.6615	15.75009	2.587298
#3	10.43480	.5220156	2.515482	414.5398	15.77136	2.613893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.98780	399.9119	16.01234	406.5507	2.555975	1.297300
Stddev	.02595	1.9542	.08071	1.5302	.010537	.002387
%RSD	.1623076	.4886666	.5040343	.3763865	.4122364	.1840057

#1	15.99585	401.4691	16.03705	407.4569	2.551120	1.297955
#2	15.95878	397.7189	15.92217	404.7840	2.548741	1.294654
#3	16.00877	400.5475	16.07781	407.4113	2.568064	1.299291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.5221	2.656035	15.87186	159.7744	F 8.605493	5.193944
Stddev	1.4497	.017553	.10328	.5190	.016582	.034712
%RSD	.3721659	.6608873	.6506987	.3248131	.1926927	.6683225

#1	391.1893	2.642238	15.76615	160.2504	8.615783	5.217672
#2	388.5583	2.650073	15.87690	159.2211	8.586364	5.154103
#3	388.8188	2.675792	15.97252	159.8518	8.614332	5.210056

Sample Name: CCV054 Acquired: 7/5/2018 13:13:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967353	5.199814	5.264562	5.141083	5.302941	5.241919
Stddev	.004036	.025227	.047109	.017092	.011153	.018256
%RSD	.0812451	.4851505	.8948342	.3324670	.2103159	.3482671

#1	4.962912	5.170904	5.311577	5.143012	5.314996	5.257403
#2	4.968351	5.211179	5.217359	5.123108	5.300835	5.246563
#3	4.970796	5.217360	5.264751	5.157130	5.292991	5.221789

Elem	Sr4077
Units	ppm
Avg	5.315699
Stddev	.011702
%RSD	.2201310

#1	5.328543
#2	5.305644
#3	5.312910

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.028	1949.511	41861.38	4828.864	2269.958
Stddev	7.403	2.963	103.48	35.406	7.599
%RSD	.5008709	.1519886	.2471932	.7332105	.3347546

#1	1485.053	1949.351	41881.67	4798.825	2269.892
#2	1478.734	1952.551	41953.20	4867.900	2277.589
#3	1470.297	1946.631	41749.25	4819.866	2262.392

Sample Name: CCB054 Acquired: 7/5/2018 13:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003108	.0015201	-.000015	.0010604	.0007579	.0072007	-.002843
Stddev	.000506	.0021567	.001997	.0042696	.0018060	.0085356	.000955
%RSD	16.27331	141.8812	13575.24	402.6445	238.2895	118.5392	33.58596

#1	-.003691	.0018722	.002040	.0058999	.0028433	-.000341	-.002141
#2	-.002845	-.000791	-.000136	-.002174	-.000278	.005476	-.002458
#3	-.002787	.003479	-.001948	-.000545	-.000291	.016467	-.003930

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0000084	.0195835	-.000217	.0003976	.0034477	-.027106
Stddev	.000040	.0000602	.0071092	.000620	.0001877	.0039251	.020041
%RSD	457.7339	720.5420	36.30186	286.1318	47.20816	113.8482	73.93797

#1	.000023	.0000137	.0253054	-.000128	.0005129	-.000792	-.048103
#2	.000004	.0000657	.0218201	.000354	.0004989	.004180	-.025033
#3	-.000053	-.000054	.0116250	-.000876	.0001810	.006955	-.008181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000557	.0313629	.0002074	.0009804	-.573169	.0025058	.0030567
Stddev	.001528	.0085331	.0001478	.0001759	.065355	.0046397	.0072384
%RSD	274.2050	27.20773	71.26919	17.93837	11.40233	185.1631	236.8070

#1	.000397	.0410164	.0000438	.0007777	-.535766	-.002573	.0011661
#2	-.002319	.0248266	.0002473	.0010718	-.535108	.006522	-.003049
#3	.000251	.0282458	.0003313	.0010918	-.648633	.003568	.011053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228645	.0016014	.0011791	.0001835	-.046263	-.004144	.0005553
Stddev	.0075851	.0022881	.0017501	.0003124	.001750	.000726	.0009940
%RSD	33.17401	142.8786	148.4238	170.2686	3.782417	17.51795	179.0090

#1	.0159902	-.001033	.0031584	.0005431	-.045852	-.004540	.0003638
#2	.0216015	.002745	.0005427	-.000021	-.048182	-.004587	.0016311
#3	.0310017	.003092	-.000164	.000028	-.044756	-.003307	-.000329

Sample Name: CCB054 Acquired: 7/5/2018 13:20:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000801	.0002519	-.000097
Stddev	.0027450	.0009785	.000073
%RSD	3425.912	388.4907	75.69681

#1	-.003070	-.000326	-.000123
#2	.001958	-.000300	-.000014
#3	.001353	.001382	-.000154

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.428	2312.081	47446.34	5101.873	3006.466
Stddev	8.072	10.352	131.80	10.918	8.975
%RSD	.4603349	.4477161	.2777952	.2140047	.2985369

#1	1746.413	2312.932	47302.54	5111.960	3003.454
#2	1751.621	2321.980	47475.08	5090.280	3016.560
#3	1762.250	2301.330	47561.40	5103.380	2999.385

Sample Name: PB110823BL Acquired: 7/5/2018 13:53:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002647	.0002802	-.000197	.0046190	.0016113	-.003350
Stddev	.002323	.0016718	.001238	.0012132	.0016512	.012739
%RSD	87.75193	596.6567	629.9368	26.26489	102.4763	380.2689

#1	-.001385	.0022107	-.001606	.0032210	.0035115	-.017656
#2	-.005328	-.000693	.000715	.0053958	.0007977	.006770
#3	-.001228	-.000677	.000302	.0052402	.0005248	.000835

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004157	.0000411	-.000054	.0238193	-.000542	.0000140
Stddev	.001022	.0001241	.000028	.0104969	.000101	.0001137
%RSD	24.58762	301.7675	51.98750	44.06895	18.57092	809.3208

#1	-.003570	.0001839	-.000044	.0323066	-.000611	-.000110
#2	-.003565	-.000041	-.000032	.0120817	-.000426	.000113
#3	-.005338	-.000019	-.000086	.0270696	-.000589	.000040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028028	-.005541	.0014955	.0344161	.0002324	.0010393
Stddev	.0019454	.021653	.0015876	.0452132	.0001010	.0006776
%RSD	69.40872	390.7957	106.1591	131.3722	43.45266	65.19867

#1	.0035439	-.030543	-.000267	-.002596	.0002574	.0002669
#2	.0042686	.007082	.001941	.084809	.0001213	.0013172
#3	.0005958	.006839	.002813	.021035	.0003186	.0015338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.293856	.0006557	.0107472	-.072656	-.000113	F -.016012
Stddev	.222260	.0040659	.0096553	.019450	.000267	.000881
%RSD	75.63570	620.1026	89.84056	26.77056	235.5584	5.502309

#1	-.037956	-.003123	.0213805	-.050879	-.000410	-.014996
#2	-.404902	.000133	.0025281	-.078787	.000108	-.016568
#3	-.438711	.004958	.0083328	-.088302	-.000038	-.016471

Sample Name: PB110823BL Acquired: 7/5/2018 13:53:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002712	.1962123	-.004855	.0000988	-.001989	-.000406
Stddev	.0002925	.0380730	.000515	.0005794	.000610	.000996
%RSD	107.8635	19.40396	10.61426	586.5666	30.65218	245.1362

#1	.0004876	.2355102	-.005324	-.000059	-.002646	.000727
#2	.0003877	.1936309	-.004303	-.000386	-.001880	-.001143
#3	-.000062	.1594957	-.004936	.000741	-.001441	-.000802

Elem	Sr4077
Units	ppm
Avg	-.000136
Stddev	.000067
%RSD	49.15894

#1	-.000199
#2	-.000066
#3	-.000142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.135	2388.914	49324.29	5486.457	3111.726
Stddev	8.950	2.387	111.21	29.625	1.550
%RSD	.4985749	.0999178	.2254737	.5399626	.0498276

#1	1788.039	2390.528	49243.68	5453.820	3110.806
#2	1792.175	2386.172	49278.02	5493.900	3110.856
#3	1805.190	2390.041	49451.17	5511.650	3113.516

Sample Name: J3782-01 Acquired: 7/5/2018 14:01:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0701844	.0116200	.3288913	-.020096	.0063298	105.2918	2.222511
Stddev	.0022495	.0035605	.0003194	.008015	.0033414	.4778	.006483
%RSD	3.205162	30.64104	.0971147	39.88224	52.78828	.4538043	.2916768

#1	.0706503	.0155191	.3285252	-.011777	.0039779	105.7354	2.229638
#2	.0677383	.0107997	.3290348	-.020745	.0101546	104.7859	2.220929
#3	.0721644	.0085413	.3291136	-.027767	.0048569	105.3540	2.216965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088474	.0319561	49.24140	.1407487	.1127928	.2257055	181.3631
Stddev	.0001475	.0003897	.45726	.0012829	.0007985	.0060081	.7969
%RSD	1.667040	1.219604	.9286067	.9114898	.7079832	2.661919	.4393743

#1	.0087600	.0315936	49.57468	.1406220	.1124051	.2307051	182.1301
#2	.0087646	.0319065	48.72011	.1395339	.1122621	.2190403	180.5394
#3	.0090177	.0323683	49.42941	.1420903	.1137112	.2273709	181.4197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.446924	35.46065	.2403969	.0002000	.5282621	.2765007	1.938972
Stddev	.059873	.32721	.0012651	.0002929	.0516288	.0047663	.014913
%RSD	.8039936	.9227541	.5262511	146.4738	9.773337	1.723785	.7691190

#1	7.505242	35.77380	.2390454	-.000081	.5431832	.2795341	1.953766
#2	7.385609	35.12099	.2405924	.000178	.5707871	.2710070	1.923943
#3	7.449920	35.48715	.2415528	.000503	.4708160	.2789609	1.939207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.45472	8.172244	.0314965	.0028807	2.089499	8.998033	.0062494
Stddev	.11063	.055975	.0036559	.0004237	.016638	.053168	.0019044
%RSD	.4181705	.6849421	11.60742	14.70882	.7962484	.5908826	30.47405

#1	26.55613	8.192773	.0356872	.0025909	2.086462	8.974585	.0044870
#2	26.33675	8.108903	.0289602	.0033670	2.074590	8.960620	.0059916
#3	26.47129	8.215057	.0298422	.0026843	2.107446	9.058894	.0082696

Sample Name: J3782-01 Acquired: 7/5/2018 14:01:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6832998	.1005446	.3811862
Stddev	.0018459	.0014672	.0003597
%RSD	.2701478	1.459257	.0943777

#1	.6829949	.1016147	.3815965
#2	.6816254	.0988721	.3810376
#3	.6852793	.1011472	.3809246

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.571	2715.375	56043.54	6375.949	2905.177
Stddev	.966	7.421	61.30	28.807	10.470
%RSD	.0472497	.2733013	.1093754	.4518042	.3603813

#1	2045.355	2716.891	56060.11	6354.294	2911.106
#2	2044.865	2721.920	56094.84	6408.643	2911.337
#3	2043.491	2707.312	55975.65	6364.911	2893.088

Sample Name: J3782-02 Acquired: 7/5/2018 14:05:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0688891	.0046650	.4668239	-.015286	.0049583	63.55358	1.165711
Stddev	.0023230	.0049599	.0042663	.000992	.0004829	.18123	.003421
%RSD	3.372083	106.3235	.9139019	6.487884	9.738783	.2851591	.2934577

#1	.0671854	.0096180	.4619631	-.014635	.0046302	63.64415	1.163580
#2	.0715352	.0046788	.4685607	-.016427	.0055128	63.34492	1.163896
#3	.0679466	-.000302	.4699479	-.014795	.0047320	63.67167	1.169657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055001	.0279063	200.0512	.1503120	.0755830	.4375624	131.8205
Stddev	.0001876	.0000156	1.4454	.0002123	.0003641	.0022942	.8795
%RSD	3.410406	.0559497	.7225371	.1412477	.4817172	.5243077	.6671832

#1	.0056532	.0279164	201.6962	.1504317	.0751678	.4401756	132.8245
#2	.0055562	.0278883	199.4732	.1504374	.0758477	.4358797	131.4512
#3	.0052909	.0279141	198.9843	.1500668	.0757337	.4366319	131.1860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.841940	113.3135	.1740137	.0020313	.7010493	.2304370	2.710874
Stddev	.043010	.7533	.0011136	.0002424	.2040121	.0077715	.008740
%RSD	.7362218	.6648280	.6399661	11.93475	29.10096	3.372519	.3224007

#1	5.891571	114.0565	.1727695	.0022480	.7327227	.2358206	2.718530
#2	5.818678	113.3337	.1749171	.0020765	.4830530	.2215275	2.712740
#3	5.815571	112.5502	.1743546	.0017695	.8873723	.2339628	2.701351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33938	6.952607	.0208318	.0037120	2.344517	8.601344	.0072742
Stddev	.11096	.015865	.0030726	.0003298	.015649	.036548	.0012669
%RSD	.9784943	.2281811	14.74954	8.884038	.6674706	.4249116	17.41702

#1	11.40350	6.962117	.0243244	.0034337	2.356187	8.612002	.0082499
#2	11.21126	6.934293	.0185452	.0036262	2.326734	8.631379	.0077303
#3	11.40337	6.961411	.0196258	.0040762	2.350630	8.560652	.0058423

Sample Name: J3782-02 Acquired: 7/5/2018 14:05:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KC3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.440934	.0730218	.2256387
Stddev	.002459	.0020116	.0003195
%RSD	.1706570	2.754764	.1415976

#1	1.443616	.0707399	.2254677
#2	1.440399	.0737872	.2254412
#3	1.438785	.0745383	.2260073

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.974	2516.227	52399.01	5946.850	2748.361
Stddev	1.906	6.600	72.86	42.098	4.704
%RSD	.1001013	.2623073	.1390437	.7079053	.1711560

#1	1902.739	2522.372	52444.27	5904.467	2752.901
#2	1903.013	2517.059	52437.79	5947.427	2748.674
#3	1906.169	2509.250	52314.96	5988.657	2743.509

Sample Name: J3782-03 Acquired: 7/5/2018 14:09:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845050	.0094433	.4473257	-.015765	.0052831	67.78802	1.650894
Stddev	.0013259	.0014072	.0011574	.004979	.0006829	.11613	.003933
%RSD	1.568980	14.90165	.2587300	31.58288	12.92613	.1713157	.2382420

#1	.0832693	.0079662	.4460473	-.021511	.0046282	67.65392	1.655368
#2	.0843402	.0095955	.4483022	-.012731	.0052302	67.85477	1.649334
#3	.0859056	.0107683	.4476276	-.013052	.0059909	67.85537	1.647981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062351	.0379602	137.4587	.1211913	.0842082	.3447876	133.0558
Stddev	.0001226	.0001258	.6343	.0001716	.0003287	.0017498	.8224
%RSD	1.965824	.3313731	.4614622	.1415530	.3904003	.5074885	.6180657

#1	.0063765	.0380135	136.7763	.1210705	.0842334	.3431258	132.1531
#2	.0061584	.0378165	137.5696	.1213877	.0845237	.3466137	133.2520
#3	.0061705	.0380506	138.0303	.1211157	.0838676	.3446233	133.7624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.058766	77.76713	.1655745	.0015443	.3506267	.2233942	2.223925
Stddev	.045829	.77304	.0007811	.0000617	.2009364	.0016505	.015650
%RSD	.6492495	.9940402	.4717226	3.993307	57.30781	.7388486	.7037009

#1	7.006912	77.01423	.1655216	.0015971	.5529949	.2247606	2.225265
#2	7.093839	77.72830	.1648212	.0015591	.1511532	.2238617	2.207648
#3	7.075547	78.55885	.1663806	.0014765	.3477319	.2215603	2.238862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.54820	5.666474	.0156543	.0025657	1.231071	10.94009	.0056687
Stddev	.03390	.030252	.0031340	.0002581	.009536	.07002	.0008792
%RSD	.2701689	.5338840	20.02009	10.05992	.7745967	.6400197	15.50950

#1	12.50954	5.685585	.0149259	.0028606	1.237542	10.95737	.0047824
#2	12.57284	5.631595	.0129487	.0023809	1.220120	10.99985	.0065406
#3	12.56223	5.682242	.0190884	.0024556	1.235552	10.86305	.0056830

Sample Name: J3782-03 Acquired: 7/5/2018 14:09:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8649003	.0742939	.2412598
Stddev	.0041326	.0014943	.0005646
%RSD	.4778075	2.011287	.2340126

#1	.8608447	.0733234	.2411056
#2	.8647504	.0735437	.2418855
#3	.8691057	.0760146	.2407883

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.185	2545.099	52892.06	5955.617	2795.220
Stddev	11.811	9.633	98.36	15.868	8.844
%RSD	.6128722	.3784920	.1859711	.2664341	.3163867

#1	1931.200	2547.450	53005.38	5973.685	2791.343
#2	1936.465	2553.340	52828.73	5943.946	2805.340
#3	1913.889	2534.509	52842.07	5949.220	2788.976

Sample Name: J3782-04 Acquired: 7/5/2018 14:13:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761981	.0117491	.3871790	-.018768	.0056879	75.04117	2.404208
Stddev	.0034672	.0012406	.0037414	.004066	.0008179	.18116	.004166
%RSD	4.550298	10.55905	.9663291	21.66319	14.38046	.2414084	.1732753

#1	.0767684	.0106583	.3872340	-.023429	.0047526	75.11672	2.404548
#2	.0724810	.0114904	.3834103	-.016925	.0060418	74.83447	2.399882
#3	.0793448	.0130987	.3908926	-.015950	.0062692	75.17232	2.408193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075494	.0539111	62.41354	.1115905	.1084719	.2560410	138.2260
Stddev	.0000105	.0003343	.22657	.0006525	.0006702	.0030068	.2607
%RSD	.1386677	.6201228	.3630063	.5847023	.6178687	1.174328	.1886397

#1	.0075507	.0536814	62.36475	.1117295	.1077612	.2571653	138.5261
#2	.0075383	.0537573	62.21535	.1121622	.1085618	.2583236	138.0552
#3	.0075591	.0542947	62.66053	.1108797	.1090926	.2526341	138.0967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79757	35.51605	.1982995	.0004892	.4826384	.2327857	2.332468
Stddev	.04094	.15352	.0007393	.0004570	.0596721	.0064838	.028829
%RSD	.3791690	.4322687	.3728337	93.41752	12.36373	2.785298	1.235973

#1	10.80209	35.65336	.1977189	.0009763	.4784798	.2399134	2.357344
#2	10.75455	35.35029	.1980478	.0000699	.4251544	.2272380	2.300873
#3	10.83606	35.54449	.1991318	.0004213	.5442810	.2312055	2.339186

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.03245	6.025079	.0059390	.0023855	1.215076	2.948620	.0045754
Stddev	.05669	.022510	.0014718	.0002693	.005592	.021951	.0002965
%RSD	.4040007	.3735996	24.78134	11.29054	.4601796	.7444548	6.479630

#1	14.08713	6.017645	.0074558	.0026289	1.219124	2.964014	.0048894
#2	14.03628	6.007226	.0058443	.0024314	1.208696	2.923484	.0045365
#3	13.97395	6.050365	.0045168	.0020962	1.217409	2.958362	.0043003

Sample Name: J3782-04 Acquired: 7/5/2018 14:13:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6621241	.0742205	.3658758
Stddev	.0015867	.0008927	.0002930
%RSD	.2396323	1.202711	.0800841

#1	.6630890	.0752291	.3662107
#2	.6602929	.0735321	.3657502
#3	.6629904	.0739002	.3656665

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.867	2636.267	54430.96	6099.296	2888.934
Stddev	1.439	11.319	108.00	21.549	15.979
%RSD	.0723103	.4293727	.1984087	.3532995	.5531266

#1	1990.891	2640.142	54413.73	6097.786	2898.538
#2	1988.222	2645.140	54546.54	6121.560	2897.776
#3	1990.488	2623.519	54332.62	6078.542	2870.487

Sample Name: J3782-05 Acquired: 7/5/2018 14:17:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0613605	.0110489	.2796660	-.014509	.0046713	90.74559	2.195342
Stddev	.0047913	.0038204	.0015713	.003495	.0031481	.36904	.007581
%RSD	7.808472	34.57715	.5618607	24.08901	67.39199	.4066781	.3453159

#1	.0666769	.0092897	.2785676	-.010830	.0016743	90.33255	2.189181
#2	.0600286	.0084250	.2789645	-.014911	.0079513	90.86136	2.203808
#3	.0573761	.0154320	.2814659	-.017786	.0043883	91.04287	2.193038

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080688	.0271830	60.60739	.1280629	.1065934	.2335193	154.2746
Stddev	.0000320	.0004038	.47221	.0003706	.0004987	.0042982	.7896
%RSD	.3969572	1.485418	.7791245	.2894066	.4678576	1.840605	.5117976

#1	.0081042	.0267216	60.24336	.1282175	.1063087	.2289830	153.4056
#2	.0080603	.0274718	60.43785	.1276400	.1063022	.2340437	154.4701
#3	.0080418	.0273555	61.14096	.1283312	.1071692	.2375312	154.9480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.051878	37.34671	.2426179	.0007866	.5132282	.2591516	1.797806
Stddev	.078495	.11732	.0017372	.0002372	.0476289	.0065437	.029482
%RSD	.8671734	.3141277	.7160366	30.15703	9.280262	2.525037	1.639873

#1	8.977193	37.22633	.2408373	.0008533	.4604901	.2602975	1.769658
#2	9.044746	37.35309	.2443082	.0005232	.5260866	.2521106	1.795300
#3	9.133697	37.46070	.2427082	.0009834	.5531078	.2650466	1.828461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27366	5.741656	.0208521	.0020338	1.315469	9.473210	.0030662
Stddev	.05805	.046556	.0010412	.0001933	.013360	.041919	.0014609
%RSD	.3567297	.8108517	4.993099	9.506363	1.015616	.4425037	47.64603

#1	16.20664	5.715272	.0209032	.0018539	1.306029	9.427460	.0046795
#2	16.30629	5.714285	.0218668	.0020092	1.309622	9.482394	.0026868
#3	16.30806	5.795412	.0197864	.0022382	1.330756	9.509775	.0018325

Sample Name: J3782-05 Acquired: 7/5/2018 14:17:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7998652	.0840830	.3686727
Stddev	.0009950	.0014319	.0007177
%RSD	.1243904	1.702968	.1946817

#1	.7987166	.0833638	.3678993
#2	.8004579	.0831533	.3688017
#3	.8004213	.0857320	.3693172

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.833	2613.189	54074.93	6092.051	2846.842
Stddev	5.036	6.403	176.58	27.447	7.273
%RSD	.2552882	.2450277	.3265548	.4505354	.2554800

#1	1978.362	2619.794	53920.54	6104.751	2855.185
#2	1971.631	2612.765	54267.47	6110.847	2843.503
#3	1968.506	2607.009	54036.77	6060.554	2841.838

Sample Name: J3782-06 Acquired: 7/5/2018 14:21:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932153	.0069498	.5586775	-.017039	.0051287	69.37133	1.455788
Stddev	.0030917	.0015005	.0044311	.003543	.0021961	.18130	.003806
%RSD	3.316704	21.59031	.7931399	20.79220	42.81911	.2613522	.2614605

#1	.0897440	.0085871	.5553033	-.018811	.0032471	69.43681	1.454595
#2	.0942293	.0056403	.5570334	-.019345	.0075417	69.16639	1.452721
#3	.0956726	.0066219	.5636956	-.012959	.0045973	69.51080	1.460048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062221	.0321913	152.9630	.1348584	.0813279	.2270798	140.0626
Stddev	.0001066	.0004139	.6569	.0001142	.0002887	.0007428	.1794
%RSD	1.712462	1.285846	.4294472	.0846963	.3549228	.3271105	.1281015

#1	.0063210	.0317178	153.5398	.1347970	.0810286	.2266197	140.2395
#2	.0061093	.0323712	152.2480	.1349902	.0813505	.2266831	140.0677
#3	.0062360	.0324848	153.1013	.1347879	.0816046	.2279368	139.8808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.937180	86.99010	.1893590	.0006718	.9016185	.2104749	2.383769
Stddev	.013497	.56374	.0012816	.0003911	.2154483	.0036677	.008014
%RSD	.2273335	.6480471	.6768278	58.21374	23.89573	1.742561	.3361799

#1	5.946425	87.21118	.1897293	.0011226	.8479856	.2139862	2.376783
#2	5.921692	86.34933	.1879330	.0004222	1.138817	.2066687	2.382008
#3	5.943423	87.40979	.1904147	.0004708	.718053	.2107698	2.392517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98722	10.74972	.0143294	.0029996	2.423406	9.122924	.0048205
Stddev	.01718	.06845	.0033634	.0001594	.014231	.071358	.0005820
%RSD	.1146474	.6367311	23.47180	5.315106	.5872164	.7821826	12.07453

#1	15.00509	10.70158	.0112818	.0029488	2.412532	9.183220	.0052551
#2	14.97082	10.71951	.0179380	.0028719	2.439512	9.044142	.0041592
#3	14.98574	10.82808	.0137685	.0031783	2.418174	9.141411	.0050472

Sample Name: J3782-06 Acquired: 7/5/2018 14:21:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7701614	.0782908	.2295688
Stddev	.0056508	.0014085	.0004978
%RSD	.7337200	1.799052	.2168563

#1	.7717902	.0775979	.2298935
#2	.7638751	.0773629	.2289956
#3	.7748189	.0799115	.2298172

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.830	2531.906	52445.60	5942.011	2747.228
Stddev	5.313	5.138	65.32	31.968	6.533
%RSD	.2774414	.2029171	.1245495	.5379943	.2378185

#1	1910.035	2529.445	52466.04	5926.893	2748.157
#2	1920.541	2537.811	52372.50	5978.734	2753.247
#3	1913.914	2528.461	52498.25	5920.406	2740.280

Sample Name: J3782-07 Acquired: 7/5/2018 14:25:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885390	.0020342	.5739998	-.011910	.0063875	68.22173	1.417072
Stddev	.0037743	.0023215	.0025672	.001972	.0029149	.07377	.001320
%RSD	4.262847	114.1256	.4472500	16.55743	45.63400	.1081382	.0931707

#1	.0906037	.0005205	.5744009	-.010386	.0096528	68.20110	1.416881
#2	.0841828	.0047070	.5712556	-.014137	.0054620	68.16047	1.418478
#3	.0908304	.0008750	.5763428	-.011207	.0040478	68.30362	1.415858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058529	.0268011	153.2129	.1244209	.0773654	.2249436	138.1309
Stddev	.0000473	.0000400	.9415	.0000262	.0007936	.0016045	.6831
%RSD	.8081259	.1493537	.6145125	.0210760	1.025753	.7133135	.4945384

#1	.0058969	.0267971	152.6847	.1243998	.0771285	.2235753	137.6612
#2	.0058029	.0267632	152.6540	.1244127	.0767174	.2245459	137.8170
#3	.0058589	.0268430	154.2999	.1244503	.0782505	.2267096	138.9146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.514067	86.64525	.1736713	.0012293	.3357108	.2009404	2.223443
Stddev	.026016	.49375	.0013470	.0000414	.0490319	.0007451	.023574
%RSD	.4718106	.5698581	.7755756	3.367889	14.60541	.3707810	1.060265

#1	5.490614	86.34061	.1726271	.0012377	.2826422	.2012911	2.205715
#2	5.509537	86.38022	.1731950	.0012658	.3451592	.2014455	2.250196
#3	5.542051	87.21493	.1751916	.0011843	.3793309	.2000848	2.214418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17337	8.034274	.0221835	.0029641	2.587620	9.849604	.0054357
Stddev	.12858	.025930	.0041909	.0000828	.008302	.034516	.0007417
%RSD	.8474055	.3227440	18.89198	2.792735	.3208198	.3504262	13.64573

#1	15.31988	8.049597	.0231014	.0030132	2.587393	9.810592	.0058599
#2	15.12097	8.004335	.0176097	.0030105	2.579434	9.876172	.0045792
#3	15.07927	8.048889	.0258393	.0028685	2.596033	9.862047	.0058679

Sample Name: J3782-07 Acquired: 7/5/2018 14:25:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7042456	.0778923	.2234177
Stddev	.0037750	.0008934	.0000844
%RSD	.5360296	1.146932	.0377795

#1	.7000443	.0771659	.2235152
#2	.7053405	.0776213	.2233702
#3	.7073522	.0788898	.2233677

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.122	2474.459	51393.62	5827.041	2712.539
Stddev	6.282	5.690	89.09	16.797	8.051
%RSD	.3373793	.2299617	.1733512	.2882634	.2968224

#1	1855.115	2475.293	51431.41	5844.862	2713.373
#2	1863.999	2479.686	51457.59	5824.761	2720.141
#3	1867.252	2468.398	51291.87	5811.501	2704.103

Sample Name: J3782-08 Acquired: 7/5/2018 14:29:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690626	.0042562	.2629784	-.017678	.0059340	98.32993	1.579477
Stddev	.0018607	.0007984	.0022365	.001705	.0035347	.19165	.005733
%RSD	2.694246	18.75777	.8504343	9.642710	59.56778	.1949004	.3629644

#1	.0677601	.0039664	.2655322	-.015745	.0073599	98.10867	1.577120
#2	.0682340	.0051590	.2620334	-.018964	.0019090	98.43740	1.575298
#3	.0711937	.0036433	.2613696	-.018326	.0085330	98.44374	1.586013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074738	.0244353	63.31649	.1286725	.0781620	.2354443	165.6059
Stddev	.0000854	.0003082	.32687	.0005887	.0003548	.0025002	1.0047
%RSD	1.142319	1.261503	.5162519	.4575376	.4539085	1.061911	.6066689

#1	.0074746	.0246368	62.97448	.1287207	.0778497	.2374113	164.7458
#2	.0073880	.0240804	63.62576	.1292357	.0780884	.2362908	166.7102
#3	.0075588	.0245886	63.34924	.1280612	.0785478	.2326307	165.3617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.248900	47.74544	.1821001	.0010439	.5035615	.2358892	1.771657
Stddev	.021952	.27869	.0011481	.0003443	.3455667	.0025232	.029164
%RSD	.6756853	.5836957	.6305034	32.98577	68.62453	1.069663	1.646164

#1	3.236809	47.44946	.1816772	.0014037	.7721426	.2368755	1.762795
#2	3.274239	48.00281	.1812233	.0010104	.1137039	.2377704	1.804224
#3	3.235651	47.78404	.1833997	.0007175	.6248379	.2330218	1.747951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.66176	6.912517	.0152457	.0020009	1.138874	12.69387	.0059220
Stddev	.06301	.021773	.0006451	.0000649	.004730	.06426	.0007060
%RSD	.3781978	.3149776	4.231222	3.242370	.4153018	.5062586	11.92236

#1	16.66007	6.899834	.0159259	.0020449	1.134706	12.62648	.0051093
#2	16.72561	6.900060	.0151686	.0020313	1.137902	12.75446	.0063836
#3	16.59961	6.937658	.0146427	.0019264	1.144014	12.70066	.0062733

Sample Name: J3782-08 Acquired: 7/5/2018 14:29:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6177550	.1003780	.2345481
Stddev	.0046050	.0012672	.0002673
%RSD	.7454481	1.262422	.1139612

#1	.6138549	.1001285	.2343194
#2	.6165749	.0992541	.2344829
#3	.6228353	.1017514	.2348419

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.470	2594.926	53337.46	5944.451	2803.996
Stddev	6.718	10.172	168.00	17.891	11.504
%RSD	.3419791	.3919872	.3149764	.3009728	.4102617

#1	1956.811	2599.890	53156.06	5954.918	2803.312
#2	1969.367	2601.663	53368.61	5923.792	2815.827
#3	1967.232	2583.226	53487.70	5954.642	2792.849

Sample Name: J3782-09 Acquired: 7/5/2018 14:33:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827446	.0093413	.3946007	-.022661	.0041464	98.39984	2.132317
Stddev	.0072395	.0017546	.0017945	.006565	.0014794	.27416	.004055
%RSD	8.749227	18.78368	.4547634	28.96882	35.67861	.2786146	.1901693

#1	.0874034	.0113633	.3966726	-.015595	.0047121	98.51959	2.128015
#2	.0744042	.0082199	.3935864	-.023820	.0024677	98.08619	2.136069
#3	.0864262	.0084405	.3935430	-.028570	.0052595	98.59376	2.132867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081493	.0461857	48.33137	.1320772	.1036583	.2158561	170.2397
Stddev	.0001226	.0002658	.18566	.0011910	.0003861	.0044085	1.6228
%RSD	1.504368	.5755941	.3841389	.9017334	.3725173	2.042330	.9532387

#1	.0080535	.0462615	48.35629	.1308895	.1032129	.2148174	170.5868
#2	.0081071	.0458902	48.13451	.1332715	.1038647	.2206912	168.4714
#3	.0082875	.0464054	48.50331	.1320708	.1038975	.2120597	171.6608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.312595	38.49464	.1966149	.0002424	.2245872	.2728234	2.319026
Stddev	.040045	.03843	.0003498	.0003512	.2086263	.0044268	.022776
%RSD	.5476172	.0998370	.1779111	144.8887	92.89326	1.622597	.9821319

#1	7.340032	38.50030	.1962113	-.000163	.4647791	.2683854	2.313144
#2	7.266642	38.45370	.1968040	.000458	.1204861	.2728458	2.299768
#3	7.331109	38.52994	.1968295	.000432	.0884963	.2772389	2.344166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.43242	6.029803	.0228844	.0022085	1.263795	14.33418	.0067226
Stddev	.11805	.032588	.0067899	.0003783	.013782	.08401	.0007719
%RSD	.6074700	.5404455	29.67030	17.12875	1.090510	.5860809	11.48166

#1	19.30717	6.012737	.0294029	.0017888	1.259545	14.24701	.0065121
#2	19.44847	6.009293	.0158523	.0023138	1.252638	14.34090	.0075780
#3	19.54162	6.067380	.0233981	.0025231	1.279201	14.41463	.0060779

Sample Name: J3782-09 Acquired: 7/5/2018 14:33:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7904478	.0925321	.2804475
Stddev	.0031225	.0007048	.0002656
%RSD	.3950340	.7617280	.0946933

#1	.7873282	.0922647	.2801447
#2	.7904420	.0920000	.2806407
#3	.7935733	.0933315	.2805570

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.928	2607.603	53518.82	6014.886	2838.750
Stddev	6.040	14.090	169.12	14.334	8.248
%RSD	.3070717	.5403464	.3160101	.2383053	.2905608

#1	1960.055	2614.058	53331.19	6028.530	2840.491
#2	1969.342	2617.310	53565.76	6016.178	2845.988
#3	1971.388	2591.442	53659.52	5999.950	2829.770

Sample Name: J3782-10 Acquired: 7/5/2018 14:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654089	.0116693	.2499297	-.025783	.0050672	118.1673	1.870562
Stddev	.0056358	.0030532	.0005316	.002092	.0009709	.0561	.001311
%RSD	8.616270	26.16406	.2127100	8.113564	19.16047	.0474339	.0700705

#1	.0632944	.0148829	.2494416	-.025138	.0050275	118.1725	1.870043
#2	.0717961	.0088069	.2504961	-.028121	.0060573	118.1089	1.872053
#3	.0611361	.0113180	.2498513	-.024089	.0041167	118.2206	1.869591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094979	.0205827	54.09240	.1417271	.1065775	.2243582	201.8619
Stddev	.0001053	.0001579	.08982	.0007351	.0003020	.0011455	.8422
%RSD	1.108575	.7672004	.1660573	.5186929	.2833325	.5105812	.4172373

#1	.0096089	.0204444	53.98886	.1425736	.1062546	.2239255	200.9462
#2	.0093994	.0205491	54.14940	.1412493	.1068529	.2234921	202.6036
#3	.0094854	.0207547	54.13894	.1413584	.1066251	.2256571	202.0357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.206488	44.00394	.2240825	.0000652	.6160904	.2716750	1.461071
Stddev	.019153	.17511	.0011196	.0002528	.2046909	.0021185	.016494
%RSD	.3085963	.3979459	.4996475	387.4538	33.22416	.7797945	1.128883

#1	6.185690	44.17128	.2228112	-.000189	.4356961	.2700888	1.448832
#2	6.223399	44.01857	.2245143	.000317	.8385440	.2708553	1.479828
#3	6.210375	43.82197	.2249219	.000068	.5740312	.2740809	1.454554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.47354	5.115756	.0103827	.0020410	1.310730	7.607395	.0051058
Stddev	.08794	.017686	.0062040	.0004780	.008366	.032297	.0022512
%RSD	.4760588	.3457232	59.75346	23.41958	.6382705	.4245441	44.09161

#1	18.45971	5.095345	.0062424	.0015189	1.302180	7.622271	.0027857
#2	18.56758	5.126553	.0175158	.0021470	1.311111	7.570341	.0052506
#3	18.39333	5.125371	.0073899	.0024571	1.318899	7.629573	.0072812

Sample Name: J3782-10 Acquired: 7/5/2018 14:37:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KD1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4984411	.1166547	.3201995
Stddev	.0027622	.0006599	.0005652
%RSD	.5541787	.5656804	.1765180

#1	.4953021	.1170659	.3205157
#2	.4995206	.1170047	.3205359
#3	.5005006	.1158936	.3195470

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.432	2633.366	53783.48	6024.333	2819.797
Stddev	14.753	7.688	119.46	.802	8.768
%RSD	.7464551	.2919447	.2221124	.0133205	.3109451

#1	1981.986	2640.048	53697.21	6025.259	2825.507
#2	1959.708	2635.085	53733.40	6023.906	2824.184
#3	1987.602	2624.963	53919.83	6023.836	2809.702

Sample Name: J3782-11 Acquired: 7/5/2018 14:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0618253	.0065993	.3949183	-.013953	.0037372	67.20135	1.468300
Stddev	.0048285	.0032462	.0041527	.003683	.0011857	.27264	.003492
%RSD	7.809957	49.18930	1.051527	26.39191	31.72672	.4057123	.2378105

#1	.0666409	.0103195	.3918676	-.017595	.0036681	67.10989	1.466654
#2	.0569839	.0051358	.3996475	-.010232	.0049559	66.98619	1.465935
#3	.0618509	.0043425	.3932398	-.014032	.0025875	67.50796	1.472310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062135	.0396389	79.76337	.1079888	.0824637	.2387065	132.4793
Stddev	.0000967	.0001021	.42742	.0003757	.0004199	.0006466	.6787
%RSD	1.556857	.2575825	.5358647	.3479105	.5091590	.2708873	.5123321

#1	.0061498	.0395299	79.94827	.1076585	.0827389	.2393517	132.2562
#2	.0061658	.0397324	79.27463	.1079104	.0826718	.2387093	131.9403
#3	.0063248	.0396544	80.06722	.1083975	.0819804	.2380584	133.2415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.884296	48.35738	.1843696	.0009560	.3456059	.1994142	2.251627
Stddev	.027016	.53921	.0003822	.0006715	.1363342	.0058778	.014236
%RSD	.4591220	1.115044	.2073262	70.24020	39.44788	2.947524	.6322347

#1	5.886012	48.19334	.1848105	.0009022	.2966316	.1935552	2.254882
#2	5.856463	47.91924	.1841315	.0003130	.2405240	.1993767	2.236046
#3	5.910414	48.95955	.1841669	.0016527	.4996621	.2053106	2.263954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.15736	8.302490	.0169671	.0025672	2.486429	8.633698	.0060881
Stddev	.07502	.047815	.0003328	.0005431	.021087	.077411	.0017887
%RSD	.4643307	.5759156	1.961477	21.15542	.8480912	.8966096	29.37985

#1	16.17203	8.270543	.0169929	.0019425	2.465232	8.636438	.0080543
#2	16.07609	8.279465	.0172862	.0029268	2.486651	8.554955	.0045573
#3	16.22397	8.357461	.0166221	.0028323	2.507405	8.709703	.0056527

Sample Name: J3782-11 Acquired: 7/5/2018 14:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6445291	.0722141	.2077870
Stddev	.0041416	.0015499	.0006033
%RSD	.6425841	2.146276	.2903649

#1	.6410080	.0733348	.2081444
#2	.6434870	.0704453	.2070904
#3	.6490922	.0728621	.2081263

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.363	2564.751	52876.38	5921.498	2846.135
Stddev	6.660	4.359	67.66	37.196	3.837
%RSD	.3437607	.1699437	.1279575	.6281598	.1347985

#1	1936.377	2567.121	52930.61	5910.852	2845.937
#2	1944.461	2567.411	52800.57	5962.856	2850.067
#3	1931.251	2559.721	52897.97	5890.785	2842.402

Sample Name: CCV055 Acquired: 7/5/2018 14:45:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.196608	5.101353	25.50988	4.994245	5.142621	393.3366
Stddev	.032263	.031933	.15575	.016047	.013986	1.8710
%RSD	.6208492	.6259794	.6105408	.3213071	.2719690	.4756857

#1	5.161293	5.065019	25.35762	4.980264	5.127687	392.4963
#2	5.224540	5.114075	25.50312	5.011766	5.155411	392.0330
#3	5.203991	5.124964	25.66890	4.990703	5.144766	395.4804

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47517	.5196503	2.497592	415.6302	15.71423	2.603572
Stddev	.02086	.0015128	.016209	3.3947	.02813	.013854
%RSD	.1991639	.2911105	.6489779	.8167587	.1789977	.5321254

#1	10.45120	.5213435	2.480035	415.0133	15.68187	2.587817
#2	10.48505	.5184321	2.500756	412.5862	15.72801	2.609047
#3	10.48925	.5191752	2.511986	419.2910	15.73282	2.613853

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.05034	401.0897	16.12507	407.3860	2.559614	1.296045
Stddev	.06486	3.8645	.17851	3.3665	.012106	.000862
%RSD	.4041089	.9635109	1.107032	.8263665	.4729735	.0665450

#1	16.01427	400.4862	16.09851	406.6722	2.547416	1.295096
#2	16.01154	397.5624	15.96133	404.4335	2.559799	1.296782
#3	16.12522	405.2205	16.31538	411.0521	2.571626	1.296257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	388.2590	2.658110	15.96645	159.6308	F 9.048261	5.169738
Stddev	2.2558	.036623	.23330	.4697	.066523	.023990
%RSD	.5809952	1.377771	1.461209	.2942359	.7352055	.4640490

#1	386.3279	2.641457	15.77477	159.3927	8.974743	5.182095
#2	387.7107	2.632774	15.89835	159.3278	9.065741	5.142089
#3	390.7384	2.700101	16.22622	160.1718	9.104299	5.185031

Sample Name: CCV055 Acquired: 7/5/2018 14:45:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.997146	5.279032	5.239047	5.160577	5.320545	5.243702
Stddev	.029719	.033641	.023934	.027867	.037107	.014974
%RSD	.5947140	.6372551	.4568437	.5399964	.6974288	.2855679

#1	4.962837	5.240596	5.266663	5.129509	5.296635	5.227850
#2	5.014934	5.303116	5.224313	5.168856	5.301708	5.245647
#3	5.013666	5.293385	5.226165	5.183367	5.363292	5.257609

Elem	Sr4077
Units	ppm
Avg	5.319622
Stddev	.008925
%RSD	.1677718

#1	5.315852
#2	5.313200
#3	5.329813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.817	1967.544	42412.02	4947.010	2295.805
Stddev	10.249	9.713	87.25	10.971	9.021
%RSD	.6838355	.4936398	.2057089	.2217678	.3929236

#1	1510.246	1977.641	42508.47	4936.063	2305.946
#2	1495.765	1958.268	42338.61	4946.964	2292.794
#3	1490.440	1966.721	42388.98	4958.004	2288.675

Sample Name: CCB055 Acquired: 7/5/2018 14:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003703	.0005892	-.000346	.0058083	.0011668	.0050833
Stddev	.002798	.0018188	.001872	.0016293	.0008746	.0026967
%RSD	75.54454	308.6694	541.4513	28.05134	74.95387	53.05057

#1	-.001645	.0011188	.000273	.0052683	.0008146	.0081394
#2	-.006889	.0020845	-.002449	.0076390	.0005232	.0030380
#3	-.002576	-.001436	.001138	.0045175	.0021626	.0040725

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002524	.0000437	.0000379	.0073240	-.000194	-.000021
Stddev	.000361	.0000546	.0000486	.0051745	.000728	.000221
%RSD	14.30083	125.1092	128.1736	70.65071	376.1416	1037.293

#1	-.002921	-.000017	-.000018	.0082192	-.000406	.000131
#2	-.002216	.000059	.000060	.0119925	.000617	.000080
#3	-.002434	.000089	.000072	.0017603	-.000792	-.000274

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009527	.0066519	-.000883	.0304186	.0001585	.0013926
Stddev	.0051031	.0355967	.000604	.0511884	.0002606	.0002460
%RSD	535.6464	535.1399	68.42169	168.2795	164.3962	17.66446

#1	-.001783	-.010659	-.001446	-.027845	.0000702	.0014648
#2	.006840	-.016978	-.000959	.050932	-.000046	.0011186
#3	-.002200	.047593	-.000244	.068169	.000452	.0015944

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.292430	.0024781	.0092012	.0082719	-.002361	F -.011330
Stddev	.210711	.0056625	.0065987	.0610904	.002381	.000656
%RSD	72.05518	228.5026	71.71574	738.5318	100.8458	5.793421

#1	-.152896	.0013682	.0016126	-.048188	-.002837	-.011350
#2	-.189579	-.002547	.0124017	-.000122	.000222	-.011977
#3	-.534814	.008613	.0135894	.073125	-.004468	-.010665

Sample Name: CCB055 Acquired: 7/5/2018 14:49:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004251	-.030562	-.003443	.0001106	-.000363	.0014774
Stddev	.0001819	.006301	.000921	.0009170	.001019	.0006543
%RSD	42.77385	20.61577	26.75122	828.9886	280.3566	44.28605

#1	.0002228	-.037767	-.002380	.0007255	-.000923	.0021849
#2	.0005750	-.027833	-.003935	-.000943	-.000980	.0008940
#3	.0004776	-.026086	-.004013	.000550	.000813	.0013534

Elem	Sr4077
Units	ppm
Avg	-.000051
Stddev	.000028
%RSD	53.84099

#1	-.000027
#2	-.000046
#3	-.000081

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.929	2323.490	47529.89	5188.253	3004.048
Stddev	7.543	11.313	160.84	12.505	16.921
%RSD	.4310523	.4869142	.3384054	.2410293	.5632750

#1	1742.776	2335.602	47391.57	5184.250	3020.763
#2	1749.200	2321.674	47491.73	5202.270	3004.452
#3	1757.809	2313.195	47706.39	5178.240	2986.928

Sample Name: J3782-12 Acquired: 7/5/2018 14:53:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0829566	.0093836	.4600231	-.020474	.0049835	82.62739	2.199471
Stddev	.0042418	.0015820	.0021916	.005040	.0013583	.09712	.003346
%RSD	5.113313	16.85916	.4764227	24.61635	27.25712	.1175366	.1521432

#1	.0868734	.0077906	.4584771	-.014668	.0061647	82.70980	2.198182
#2	.0784512	.0109544	.4590609	-.023722	.0034992	82.52032	2.196960
#3	.0835451	.0094058	.4625312	-.023032	.0052865	82.65205	2.203270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073869	.0646760	50.18300	.1126738	.1033325	.2137764	146.7933
Stddev	.0001280	.0002656	.23379	.0004063	.0006689	.0058934	.3528
%RSD	1.733315	.4107132	.4658696	.3606044	.6473049	2.756822	.2403324

#1	.0073162	.0646118	50.38259	.1130333	.1027203	.2120362	147.1402
#2	.0073099	.0644485	49.92579	.1122330	.1040464	.2089491	146.4349
#3	.0075348	.0649679	50.24061	.1127550	.1032308	.2203440	146.8046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.544739	36.90280	.1879358	.0005420	.2817467	.2319055	2.546233
Stddev	.035444	.38639	.0003811	.0003521	.1286391	.0066693	.031444
%RSD	.4697887	1.047034	.2027701	64.96561	45.65771	2.875872	1.234905

#1	7.585638	37.31117	.1875091	.0004391	.2442175	.2311979	2.517075
#2	7.525617	36.54299	.1880557	.0002528	.1760458	.2389004	2.579548
#3	7.522963	36.85425	.1882424	.0009341	.4249770	.2256182	2.542077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.58506	6.147297	.0132633	.0025407	1.256438	9.226117	.0075834
Stddev	.04664	.019804	.0027793	.0002702	.009130	.079336	.0010266
%RSD	.2812290	.3221549	20.95478	10.63561	.7266884	.8599091	13.53687

#1	16.54107	6.126000	.0145103	.0023020	1.248663	9.221497	.0074900
#2	16.58015	6.165157	.0152006	.0024859	1.254160	9.149192	.0066067
#3	16.63396	6.150736	.0100789	.0028341	1.266492	9.307663	.0086534

Sample Name: J3782-12 Acquired: 7/5/2018 14:53:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7329464	.0805276	.2528057
Stddev	.0024027	.0016455	.0006199
%RSD	.3278135	2.043389	.2451939

#1	.7342005	.0815999	.2524514
#2	.7301762	.0786330	.2524443
#3	.7344626	.0813499	.2535215

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.948	2607.478	53460.67	5926.142	2845.950
Stddev	5.334	5.931	52.46	37.244	3.778
%RSD	.2717366	.2274628	.0981281	.6284745	.1327445

#1	1960.878	2610.976	53499.75	5924.421	2849.953
#2	1969.006	2610.827	53481.20	5964.217	2845.450
#3	1958.958	2600.630	53401.05	5889.788	2842.447

Sample Name: J3782-13 Acquired: 7/5/2018 14:57:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0753672	.0099824	.2871220	-.022564	.0038081	101.5612	1.838027
Stddev	.0016129	.0006533	.0032710	.004622	.0017951	.6323	.012842
%RSD	2.140032	6.544352	1.139236	20.48327	47.13872	.6225942	.6986992

#1	.0737813	.0107267	.2901679	-.026761	.0053711	102.0483	1.846745
#2	.0770057	.0097167	.2836648	-.017611	.0018476	100.8466	1.823280
#3	.0753148	.0095039	.2875334	-.023321	.0042056	101.7888	1.844058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087876	.0308125	51.13358	.1304474	.0977428	.2161975	178.3913
Stddev	.0001044	.0001971	.24057	.0016723	.0008951	.0023550	1.3621
%RSD	1.187994	.6395706	.4704828	1.281967	.9157686	1.089260	.7635670

#1	.0087911	.0306166	51.41046	.1289427	.0977828	.2187018	179.7302
#2	.0088902	.0308103	50.97564	.1322479	.0968283	.2140276	177.0071
#3	.0086815	.0310107	51.01465	.1301518	.0986172	.2158631	178.4367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.918939	39.23615	.2243336	.0002183	.5187625	.2424050	1.617063
Stddev	.046508	.15082	.0001288	.0004335	.0650264	.0045076	.048998
%RSD	.7857476	.3843835	.0574003	198.6202	12.53491	1.859516	3.030037

#1	5.968904	39.35728	.2242507	.0000433	.5929829	.2430297	1.582350
#2	5.876910	39.06723	.2242682	.0007119	.4718068	.2465676	1.595729
#3	5.911002	39.28395	.2244819	-.000100	.4914977	.2376176	1.673111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.18579	6.156404	.0118880	.0017683	1.773933	13.41423	.0034725
Stddev	.18081	.006519	.0043343	.0002512	.008977	.12301	.0014176
%RSD	.9942563	.1058908	36.46004	14.20507	.5060633	.9170105	40.82479

#1	18.34109	6.153425	.0143471	.0018009	1.777658	13.47668	.0021085
#2	17.98729	6.163880	.0068833	.0020017	1.780449	13.49350	.0049383
#3	18.22897	6.151906	.0144335	.0015025	1.763693	13.27253	.0033705

Sample Name: J3782-13 Acquired: 7/5/2018 14:57:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5700096	.1027915	.3011504
Stddev	.0036171	.0023343	.0021649
%RSD	.6345712	2.270920	.7188765

#1	.5722907	.1046308	.3031283
#2	.5658390	.1035783	.2988376
#3	.5718990	.1001655	.3014855

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.505	2602.901	53642.52	6028.950	2789.697
Stddev	18.065	14.115	324.53	31.967	13.843
%RSD	.9209978	.5422642	.6049798	.5302224	.4962229

#1	1962.874	2616.545	53567.29	5992.162	2805.170
#2	1978.846	2603.800	53998.05	6049.960	2785.436
#3	1942.794	2588.358	53362.22	6044.729	2778.486

Sample Name: J3782-14 Acquired: 7/5/2018 15:01:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723229	.0056323	.2285077	-.020183	.0071814	134.7309	2.007747
Stddev	.0023743	.0010943	.0007767	.003323	.0016540	.2050	.002463
%RSD	3.282936	19.42886	.3399161	16.46516	23.03216	.1521541	.1226803

#1	.0732203	.0066494	.2288828	-.016349	.0054967	134.5129	2.010488
#2	.0741178	.0044744	.2290256	-.021973	.0088030	134.9199	2.005720
#3	.0696307	.0057731	.2276146	-.022228	.0072444	134.7598	2.007032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098511	.0171736	50.60988	.1554679	.1148337	.2181800	215.2741
Stddev	.0001317	.0003324	.07254	.0005595	.0006892	.0034924	.9919
%RSD	1.336359	1.935456	.1433384	.3598529	.6001790	1.600721	.4607775

#1	.0099986	.0170997	50.52621	.1551295	.1141126	.2149828	215.1524
#2	.0097453	.0168844	50.65510	.1551606	.1154859	.2219071	216.3213
#3	.0098095	.0175367	50.64833	.1561137	.1149027	.2176502	214.3486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.726282	44.10100	.2230588	-.000172	.7512698	.3139931	1.111382
Stddev	.035575	.17883	.0016893	.000431	.1777731	.0069935	.006370
%RSD	.6212525	.4055101	.7573536	250.4015	23.66302	2.227269	.5731204

#1	5.722169	44.00258	.2213263	-.000201	.5461616	.3136973	1.104266
#2	5.763734	44.30742	.2231487	-.000589	.8466648	.3211298	1.113331
#3	5.692942	43.99299	.2247014	.000273	.8609830	.3071522	1.116549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.72826	4.480324	.0292431	.0015225	1.257508	15.59667	.0052507
Stddev	.03702	.020120	.0050463	.0004250	.003428	.05811	.0013096
%RSD	.1876300	.4490659	17.25622	27.91316	.2725775	.3725912	24.94076

#1	19.74873	4.486131	.0234313	.0012265	1.256532	15.64701	.0059892
#2	19.75053	4.457940	.0325122	.0020095	1.261318	15.60994	.0060241
#3	19.68553	4.496902	.0317858	.0013316	1.254675	15.53308	.0037387

Sample Name: J3782-14 Acquired: 7/5/2018 15:01:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6886066	.1254551	.3595142
Stddev	.0011978	.0008210	.0004313
%RSD	.1739505	.6544281	.1199682

#1	.6891474	.1258858	.3595856
#2	.6894387	.1245083	.3599054
#3	.6872337	.1259710	.3590517

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.068	2598.947	53582.84	6051.677	2773.453
Stddev	9.877	1.827	84.60	8.481	3.311
%RSD	.5057088	.0702997	.1578938	.1401370	.1193910

#1	1964.072	2598.430	53679.62	6054.961	2775.847
#2	1950.160	2600.977	53522.90	6042.046	2774.838
#3	1944.971	2597.434	53546.00	6058.025	2769.674

Sample Name: J3782-15 Acquired: 7/5/2018 15:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0865652	.0083686	.5778786	-.018609	.0046875	79.96477	1.977288
Stddev	.0079202	.0039350	.0022009	.007039	.0025453	.14856	.004046
%RSD	9.149432	47.02072	.3808536	37.82506	54.30029	.1857802	.2046238

#1	.0790080	.0128620	.5761636	-.018040	.0075388	80.06481	1.981353
#2	.0948044	.0055378	.5771118	-.025915	.0026444	80.03544	1.977251
#3	.0858832	.0067061	.5803603	-.011872	.0038792	79.79407	1.973261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070376	.0483619	75.50399	.1451619	.0891645	.3488085	143.4143
Stddev	.0000947	.0004186	.26403	.0004467	.0008828	.0011123	.6494
%RSD	1.345533	.8654535	.3496868	.3077524	.9901104	.3188853	.4528039

#1	.0071342	.0482403	75.68948	.1448817	.0889963	.3491342	142.8799
#2	.0069450	.0480176	75.62078	.1449269	.0883780	.3475698	144.1370
#3	.0070336	.0488278	75.20171	.1456771	.0901194	.3497217	143.2259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.468737	40.73966	.1852505	.0008073	.6996500	.2256379	2.772218
Stddev	.020548	.17266	.0008796	.0003717	.1264201	.0030850	.033326
%RSD	.3176470	.4238161	.4748057	46.04165	18.06905	1.367242	1.202145

#1	6.484440	40.70860	.1851938	.0003851	.7058558	.2239048	2.756255
#2	6.476289	40.92574	.1844006	.0009515	.5702413	.2291997	2.749876
#3	6.445482	40.58463	.1861570	.0010852	.8228530	.2238091	2.810523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.43247	9.865709	.0296187	.0025638	2.606913	4.909377	.0103609
Stddev	.09971	.056545	.0035242	.0004463	.013998	.038198	.0010366
%RSD	.5131113	.5731473	11.89842	17.40746	.5369398	.7780546	10.00479

#1	19.47487	9.824554	.0266144	.0021576	2.606571	4.949749	.0094423
#2	19.31857	9.842388	.0334979	.0030415	2.593090	4.904573	.0114848
#3	19.50398	9.930185	.0287438	.0024923	2.621079	4.873808	.0101558

Sample Name: J3782-15 Acquired: 7/5/2018 15:06:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7534517	.0789691	.3255753
Stddev	.0020667	.0006026	.0010838
%RSD	.2742926	.7630718	.3328825

#1	.7555217	.0786635	.3267872
#2	.7534449	.0796633	.3246990
#3	.7513884	.0785805	.3252396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.470	2565.428	53160.23	6027.672	2811.167
Stddev	12.103	12.555	97.06	38.533	12.572
%RSD	.6272781	.4893834	.1825826	.6392633	.4472101

#1	1915.887	2567.152	53271.71	5985.949	2811.673
#2	1939.109	2577.032	53114.47	6035.149	2823.478
#3	1933.413	2552.101	53094.51	6061.919	2798.350

Sample Name: J3782-16 Acquired: 7/5/2018 15:10:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802556	.0104651	.4684775	-.015096	.0035860	86.16648	2.149752
Stddev	.0054707	.0043825	.0013876	.002857	.0007224	.01165	.003421
%RSD	6.816591	41.87753	.2961900	18.92450	20.14451	.0135167	.1591515

#1	.0743301	.0070439	.4677834	-.017611	.0043368	86.17039	2.149208
#2	.0851144	.0089464	.4700752	-.011990	.0028958	86.15338	2.153412
#3	.0813222	.0154049	.4675739	-.015688	.0035254	86.17566	2.146635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073955	.0501361	44.09568	.1268616	.1040098	.2354920	144.1853
Stddev	.0000805	.0000717	.12132	.0001947	.0008073	.0044194	.6393
%RSD	1.088925	.1430791	.2751346	.1534704	.7761929	1.876682	.4433777

#1	.0073115	.0502156	43.98272	.1269919	.1042975	.2305301	144.6103
#2	.0074028	.0500761	44.08041	.1266378	.1030980	.2390056	143.4501
#3	.0074721	.0501167	44.22392	.1269551	.1046338	.2369401	144.4954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.173385	29.46081	.1945191	.0010615	.4690206	.2416194	2.436918
Stddev	.030057	.08475	.0013470	.0001882	.1273205	.0045057	.032629
%RSD	.3677382	.2876606	.6924752	17.73182	27.14604	1.864809	1.338964

#1	8.178199	29.36811	.1930289	.0008806	.5877897	.2446886	2.470424
#2	8.141212	29.48002	.1948782	.0012563	.3345965	.2437231	2.435089
#3	8.200744	29.53431	.1956501	.0010477	.4846757	.2364466	2.405242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.79824	8.762585	.0177774	.0031837	1.607040	11.30944	.0104347
Stddev	.05835	.059795	.0051030	.0001447	.021531	.08217	.0008491
%RSD	.2947245	.6823850	28.70518	4.545207	1.339793	.7265935	8.137658

#1	19.75758	8.750191	.0215606	.0033117	1.587288	11.21482	.0113961
#2	19.86510	8.709958	.0119735	.0030267	1.603841	11.36284	.0101205
#3	19.77204	8.827605	.0197983	.0032129	1.629992	11.35067	.0097874

Sample Name: J3782-16 Acquired: 7/5/2018 15:10:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8945647	.0768426	.3139839
Stddev	.0046013	.0008932	.0005444
%RSD	.5143608	1.162324	.1733789

#1	.8918094	.0758336	.3140241
#2	.8920082	.0775319	.3145070
#3	.8998766	.0771624	.3134205

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.659	2588.864	53544.35	5970.390	2834.532
Stddev	12.256	4.305	230.82	33.723	12.634
%RSD	.6305809	.1662818	.4310735	.5648347	.4457251

#1	1944.436	2585.204	53484.58	6006.704	2833.692
#2	1931.033	2593.607	53349.31	5940.060	2847.566
#3	1955.508	2587.781	53799.18	5964.407	2822.339

Sample Name: J3782-17 Acquired: 7/5/2018 15:14:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691781	.0083024	.2493416	-.021033	.0024907	105.1475	2.056072
Stddev	.0028190	.0017644	.0018878	.004807	.0016564	.0911	.004264
%RSD	4.074926	21.25190	.7571171	22.85518	66.49994	.0866427	.2073970

#1	.0724319	.0077412	.2515212	-.026584	.0042541	105.0436	2.051679
#2	.0674738	.0102791	.2482813	-.018280	.0022506	105.2139	2.056343
#3	.0676285	.0068868	.2482223	-.018236	.0009676	105.1850	2.060194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088451	.0224738	51.29435	.1398490	.0864945	.2119860	173.7066
Stddev	.0000651	.0001850	.14396	.0002325	.0011062	.0003212	.0154
%RSD	.7357454	.8229509	.2806459	.1662655	1.278923	.1515388	.0088460

#1	.0087852	.0225357	51.19217	.1396291	.0866741	.2117920	173.7078
#2	.0088357	.0222659	51.45898	.1400924	.0853095	.2123568	173.6907
#3	.0089144	.0226199	51.23190	.1398256	.0875000	.2118092	173.7214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.181077	38.53611	.2054014	.0000451	.6675121	.2612603	1.369968
Stddev	.007857	.17332	.0006242	.0005669	.1402614	.0010156	.021687
%RSD	.1516450	.4497695	.3038726	1257.790	21.01256	.3887116	1.583054

#1	5.172168	38.37373	.2053159	.0003966	.5056244	.2623222	1.345694
#2	5.184043	38.51598	.2048243	-.000609	.7442682	.2611601	1.376773
#3	5.187018	38.71862	.2060638	.000347	.7526437	.2602986	1.387436

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.60350	6.832244	.0138662	.0016299	1.393402	10.23804	.0064742
Stddev	.04183	.061811	.0014581	.0001580	.009329	.02404	.0007990
%RSD	.2376124	.9047014	10.51514	9.696934	.6695125	.2348516	12.34154

#1	17.59313	6.780052	.0123740	.0014920	1.394823	10.22304	.0066306
#2	17.56784	6.816177	.0152875	.0015953	1.383445	10.26577	.0056086
#3	17.64955	6.900502	.0139370	.0018024	1.401940	10.22531	.0071835

Sample Name: J3782-17 Acquired: 7/5/2018 15:14:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7655434	.0988308	.3546609
Stddev	.0011237	.0003369	.0005148
%RSD	.1467836	.3409150	.1451618

#1	.7665009	.0989528	.3544793
#2	.7658231	.0990897	.3552419
#3	.7643063	.0984499	.3542615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.088	2627.303	54244.83	6117.958	2805.163
Stddev	9.273	12.068	157.74	16.831	9.859
%RSD	.4701951	.4593318	.2907945	.2751007	.3514766

#1	1975.200	2637.822	54182.09	6136.242	2806.800
#2	1979.404	2629.959	54424.29	6114.521	2814.102
#3	1961.659	2614.128	54128.12	6103.112	2794.588

Sample Name: J3782-18 Acquired: 7/5/2018 15:18:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0807868	.0105014	.2780630	-.017833	.0072999	68.33896	2.084135
Stddev	.0042017	.0040312	.0006158	.003471	.0011629	.04254	.007341
%RSD	5.201000	38.38676	.2214513	19.46369	15.93085	.0622493	.3522529

#1	.0813962	.0059968	.2782546	-.019028	.0059613	68.28984	2.077982
#2	.0846505	.0137694	.2773742	-.013922	.0080609	68.36343	2.092261
#3	.0763136	.0117380	.2785602	-.020548	.0078776	68.36361	2.082160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077664	.0251100	47.55984	.1069353	.0874228	.2184412	139.1868
Stddev	.0000560	.0000815	.13480	.0014214	.0003169	.0034873	.3695
%RSD	.7213981	.3246374	.2834367	1.329233	.3625012	1.596433	.2654449

#1	.0078088	.0251839	47.55231	.1071418	.0874753	.2213600	139.3311
#2	.0077029	.0251235	47.42896	.1054219	.0870830	.2193842	138.7669
#3	.0077877	.0250225	47.69825	.1082421	.0877103	.2145794	139.4623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.144273	29.22140	.1972211	.0007962	.5785182	.2411474	1.492133
Stddev	.037423	.14839	.0000693	.0002455	.3654594	.0045203	.023045
%RSD	.6090762	.5078032	.0351392	30.82765	63.17163	1.874491	1.544405

#1	6.129424	29.20639	.1972803	.0007338	.7746806	.2449271	1.473704
#2	6.116553	29.08109	.1972382	.0005881	.8040122	.2361401	1.484725
#3	6.186842	29.37672	.1971449	.0010669	.1568620	.2423750	1.517971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.04689	8.080445	-.014042	.0025082	1.612239	9.980027	.0066060
Stddev	.02314	.045167	.002421	.0002772	.015909	.048101	.0009174
%RSD	.1773681	.5589611	17.23819	11.05304	.9867597	.4819740	13.88726

#1	13.07325	8.041448	-.014371	.0027662	1.596124	9.979999	.0063486
#2	13.02994	8.069953	-.011474	.0022151	1.627933	9.931941	.0058449
#3	13.03747	8.129934	-.016282	.0025434	1.612659	10.02814	.0076247

Sample Name: J3782-18 Acquired: 7/5/2018 15:18:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KD9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.572285	.0720595	.3363065
Stddev	.002715	.0018822	.0009033
%RSD	.1726882	2.611989	.2685915

#1	1.572007	.0711582	.3365182
#2	1.569719	.0707974	.3370851
#3	1.575128	.0742229	.3353161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.956	2634.090	54285.30	6007.623	2863.594
Stddev	19.294	11.162	388.24	14.648	8.143
%RSD	.9642371	.4237459	.7151792	.2438271	.2843691

#1	2001.722	2640.951	54092.36	6021.063	2871.687
#2	2019.856	2640.108	54732.21	6009.796	2863.693
#3	1981.291	2621.211	54031.33	5992.010	2855.402

Sample Name: J3782-19 Acquired: 7/5/2018 15:22:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0889768	.0073373	1.134464	-.014174	.0066954	72.08746	1.665651
Stddev	.0018481	.0016022	.002263	.006717	.0008357	.26187	.004684
%RSD	2.077072	21.83570	.1995092	47.39105	12.48187	.3632652	.2812238

#1	.0872639	.0077730	1.135301	-.019173	.0063626	71.95708	1.669909
#2	.0887310	.0055624	1.131902	-.006539	.0060773	71.91638	1.660634
#3	.0909356	.0086765	1.136190	-.016811	.0076462	72.38893	1.666409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071906	.1150475	37.71856	.1192509	.0807493	.3627290	147.3304
Stddev	.0000392	.0003075	.31133	.0004425	.0004944	.0029272	.7880
%RSD	.5447320	.2672774	.8254125	.3710504	.6122349	.8069880	.5348239

#1	.0071580	.1150111	37.43029	.1196143	.0810155	.3631359	146.4510
#2	.0072341	.1147598	37.67669	.1187582	.0801789	.3654314	147.5679
#3	.0071797	.1153716	38.04872	.1193801	.0810536	.3596197	147.9722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920740	22.03756	.1480710	.0021965	.3263757	.2248610	5.192223
Stddev	.040975	.34336	.0012548	.0004026	.2329662	.0032972	.063772
%RSD	.8326904	1.558050	.8474410	18.32710	71.37976	1.466321	1.228218

#1	4.875083	21.82904	.1466341	.0019999	.4400610	.2212755	5.147064
#2	4.932819	21.84978	.1486278	.0019299	.4806728	.2277627	5.265174
#3	4.954317	22.43385	.1489510	.0026595	.0583933	.2255448	5.164430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.62698	7.382252	.0187227	.0063922	2.696301	8.278029	.0296998
Stddev	.09426	.021684	.0013482	.0006555	.005441	.084876	.0013376
%RSD	.5668940	.2937370	7.200813	10.25390	.2017858	1.025314	4.503586

#1	16.57933	7.369003	.0176620	.0060653	2.702558	8.269896	.0312164
#2	16.56606	7.370477	.0202398	.0059645	2.692678	8.197512	.0286885
#3	16.73555	7.407276	.0182662	.0071468	2.693668	8.366678	.0291945

Sample Name: J3782-19 Acquired: 7/5/2018 15:22:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8170080	.0687195	.2365794
Stddev	.0039927	.0008768	.0007344
%RSD	.4886913	1.275990	.3104260

#1	.8151633	.0695880	.2362769
#2	.8142713	.0687361	.2360446
#3	.8215895	.0678345	.2374168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.495	2550.949	52550.97	5917.377	2865.861
Stddev	2.893	5.638	59.48	42.674	5.501
%RSD	.1517400	.2210165	.1131937	.7211705	.1919631

#1	1905.125	2552.539	52482.78	5929.741	2870.114
#2	1904.541	2555.620	52592.19	5952.505	2867.821
#3	1909.818	2544.686	52577.93	5869.886	2859.648

Sample Name: J3782-20 Acquired: 7/5/2018 15:26:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940193	.0068944	1.129436	-.015932	.0042074	71.97117	1.660853
Stddev	.0019748	.0028703	.005620	.003636	.0021715	.23679	.002933
%RSD	2.100388	41.63177	.4976234	22.82033	51.61084	.3290024	.1765900

#1	.0917857	.0066426	1.124545	-.011915	.0020828	71.72063	1.657486
#2	.0947383	.0041583	1.135576	-.018997	.0064229	72.19125	1.662856
#3	.0955337	.0098822	1.128188	-.016884	.0041164	72.00163	1.662216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071071	.1146335	37.75964	.1187134	.0803367	.3571240	147.1468
Stddev	.0001389	.0002570	.15936	.0011494	.0004711	.0011235	.8305
%RSD	1.953855	.2241612	.4220375	.9682156	.5863596	.3146065	.5643809

#1	.0069573	.1144372	37.60146	.1174095	.0798595	.3565229	146.2244
#2	.0072315	.1149244	37.92015	.1191504	.0808013	.3564289	147.8351
#3	.0071326	.1145390	37.75731	.1195801	.0803493	.3584202	147.3809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.938453	22.08521	.1472372	.0026642	.3489613	.2272045	5.127740
Stddev	.023979	.12205	.0003454	.0001734	.1457532	.0056627	.023941
%RSD	.4855631	.5526125	.2345701	6.507032	41.76773	2.492347	.4668922

#1	4.912453	22.19589	.1468384	.0025605	.4652617	.2247970	5.109797
#2	4.959700	22.10543	.1474329	.0028643	.1854561	.2336732	5.154924
#3	4.943205	21.95432	.1474402	.0025678	.3961662	.2231433	5.118499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.68738	7.366427	.0173596	.0065947	2.670557	8.169401	.0292276
Stddev	.06940	.042004	.0020034	.0001751	.015859	.048452	.0003809
%RSD	.4158643	.5702137	11.54082	2.655014	.5938494	.5930895	1.303330

#1	16.60783	7.329702	.0189920	.0067643	2.653069	8.127287	.0289866
#2	16.73547	7.412227	.0151238	.0066053	2.684005	8.222355	.0290293
#3	16.71885	7.357353	.0179629	.0064146	2.674599	8.158561	.0296667

Sample Name: J3782-20 Acquired: 7/5/2018 15:26:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8181829	.0697886	.2359280
Stddev	.0058580	.0016706	.0005921
%RSD	.7159781	2.393761	.2509836

#1	.8117943	.0690691	.2352684
#2	.8233021	.0716984	.2361020
#3	.8194524	.0685984	.2364137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.429	2560.280	53127.18	5918.495	2876.780
Stddev	15.829	12.420	470.86	18.884	3.646
%RSD	.8203918	.4851014	.8862952	.3190636	.1267435

#1	1947.705	2558.574	53644.46	5936.216	2880.981
#2	1920.066	2573.464	53013.55	5898.631	2874.923
#3	1920.516	2548.801	52723.53	5920.637	2874.436

Sample Name: J3782-21 Acquired: 7/5/2018 15:30:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1629833	.1159655	1.143360	-.000932	.1934720	74.19115	5.794417
Stddev	.0002671	.0006758	.004114	.005434	.0009858	.12657	.008001
%RSD	.1638725	.5828010	.3598534	583.1802	.5095069	.1706047	.1380805

#1	.1630406	.1162122	1.138759	-.007048	.1941409	74.15483	5.803287
#2	.1632170	.1164833	1.144632	.003341	.1923400	74.33192	5.792221
#3	.1626922	.1152009	1.146688	.000911	.1939352	74.08671	5.787743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048688	.2142172	36.93573	.5335727	1.165890	.8906603	146.0200
Stddev	.0011132	.0007680	.11738	.0015469	.002145	.0082125	.6226
%RSD	1.061507	.3585167	.3177907	.2899045	.1839383	.9220671	.4263460

#1	.1055560	.2143733	36.92018	.5322285	1.164079	.8842977	145.8018
#2	.1054658	.2133831	37.06011	.5332263	1.165332	.8999311	146.7223
#3	.1035844	.2148951	36.82691	.5352634	1.168258	.8877520	145.5359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.903852	21.56503	1.233845	.0966528	.3401710	1.277865	6.038035
Stddev	.024361	.06079	.003640	.0004683	.0857494	.004862	.045246
%RSD	.4126311	.2818801	.2950081	.4845126	25.20774	.3804424	.7493462

#1	5.885239	21.52407	1.230567	.0963703	.3484261	1.272788	6.001828
#2	5.931424	21.63488	1.233204	.0963947	.4214943	1.278329	6.023520
#3	5.894893	21.53616	1.237762	.0971934	.2505926	1.282477	6.088757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.35212	7.135833	.0188068	.0065196	2.597263	8.043584	.0296199
Stddev	.10044	.009946	.0020393	.0003931	.005938	.076541	.0005858
%RSD	.6142082	.1393852	10.84330	6.028819	.2286100	.9515788	1.977539

#1	16.45615	7.125956	.0180816	.0066319	2.603342	8.029328	.0302961
#2	16.34451	7.145847	.0172293	.0060826	2.591477	8.126251	.0292933
#3	16.25571	7.135697	.0211096	.0068443	2.596971	7.975173	.0292703

Sample Name: J3782-21 Acquired: 7/5/2018 15:30:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7955340	.0691945	.2312781
Stddev	.0062080	.0021605	.0007319
%RSD	.7803585	3.122310	.3164454

#1	.7947870	.0675014	.2309796
#2	.8020817	.0684543	.2321121
#3	.7897333	.0716278	.2307427

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.507	2557.081	52647.85	5896.665	2882.996
Stddev	4.934	7.086	85.35	37.306	4.968
%RSD	.2585021	.2770946	.1621108	.6326693	.1723368

#1	1914.122	2553.626	52745.93	5896.968	2884.093
#2	1906.530	2565.231	52607.12	5859.208	2887.324
#3	1904.868	2552.385	52590.50	5933.819	2877.571

Sample Name: J3782-19LX5 Acquired: 7/5/2018 15:34:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175413	.0032957	.2227167	-.003620	.0017721	15.45688	.3558049
Stddev	.0015773	.0018428	.0020785	.002671	.0001149	.07064	.0009464
%RSD	8.991781	55.91673	.9332607	73.78560	6.481895	.4570382	.2659868

#1	.0187406	.0018225	.2203170	-.000729	.0018926	15.39717	.3548801
#2	.0157546	.0027025	.2238797	-.004135	.0017598	15.43859	.3557631
#3	.0181288	.0053620	.2239535	-.005996	.0016639	15.53487	.3567715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015600	.0225222	8.167823	.0254711	.0156914	.0818288	32.00211
Stddev	.0001061	.0002514	.055143	.0003535	.0000813	.0043448	.11648
%RSD	6.798845	1.116120	.6751203	1.388002	.5182488	5.309571	.3639717

#1	.0014471	.0223748	8.124923	.0255618	.0156326	.0768598	32.13007
#2	.0016576	.0223794	8.148525	.0250810	.0157842	.0837137	31.97402
#3	.0015753	.0228125	8.230021	.0257704	.0156574	.0849127	31.90225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070339	4.804347	.0292629	.0013142	-.168934	.0504648	1.111466
Stddev	.009390	.032143	.0004452	.0002044	.200731	.0024176	.014284
%RSD	.8772628	.6690332	1.521362	15.54963	118.8225	4.790736	1.285178

#1	1.062820	4.767346	.0287652	.0013666	-.344659	.0508778	1.097202
#2	1.067334	4.825366	.0294002	.0014873	.049824	.0478672	1.111426
#3	1.080864	4.820329	.0296232	.0010888	-.211966	.0526493	1.125770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.442763	1.434476	-.014269	.0016532	.4839552	1.813098	.0052485
Stddev	.108754	.013958	.001926	.0001391	.0078774	.014329	.0008727
%RSD	3.158904	.9730076	13.50070	8.412397	1.627704	.7903306	16.62825

#1	3.406211	1.419297	-.012609	.0017548	.4831662	1.798779	.0046884
#2	3.356994	1.437375	-.013818	.0017102	.4765020	1.827438	.0048030
#3	3.565083	1.446757	-.016382	.0014947	.4921974	1.813077	.0062541

Sample Name: J3782-19LX5 Acquired: 7/5/2018 15:34:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KE0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1754697	.0139276	.0508733
Stddev	.0010287	.0016594	.0001009
%RSD	.5862246	11.91470	.1983550

#1	.1755627	.0126479	.0509227
#2	.1743977	.0158026	.0509400
#3	.1764487	.0133324	.0507572

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.950	2373.217	48676.35	5367.110	2986.303
Stddev	12.600	11.650	148.06	21.762	13.486
%RSD	.7078771	.4909099	.3041813	.4054692	.4515971

#1	1769.972	2384.019	48554.10	5387.820	3000.567
#2	1794.109	2374.760	48840.98	5344.430	2984.582
#3	1775.769	2360.872	48633.96	5369.080	2973.760

Sample Name: J3782-22 Acquired: 7/5/2018 15:38:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820111	.0065792	1.095113	-.015568	.0051135	72.22135	1.642447
Stddev	.0033876	.0020214	.004096	.000782	.0023686	.29761	.008732
%RSD	4.130684	30.72371	.3740035	5.022283	46.31999	.4120778	.5316707

#1	.0784879	.0055230	1.094792	-.014698	.0046803	72.34848	1.646661
#2	.0823009	.0089098	1.091187	-.016212	.0029914	71.88129	1.632406
#3	.0852445	.0053047	1.099359	-.015794	.0076687	72.43427	1.648272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069272	.1102072	37.88682	.1176040	.0778674	.3483949	141.9475
Stddev	.0000851	.0005404	.25864	.0006256	.0004131	.0075692	.3462
%RSD	1.228997	.4903450	.6826600	.5319775	.5304696	2.172590	.2439035

#1	.0068568	.1101406	37.83322	.1169005	.0776461	.3570464	141.5680
#2	.0069030	.1097032	37.65917	.1180977	.0776122	.3429942	142.0282
#3	.0070218	.1107778	38.16805	.1178139	.0783440	.3451439	142.2462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.897866	22.33120	.1480650	.0026181	.4120933	.2258217	4.912495
Stddev	.028117	.05405	.0006574	.0005760	.3988829	.0028667	.051037
%RSD	.5740659	.2420407	.4439853	22.00066	96.79432	1.269441	1.038928

#1	4.884205	22.27829	.1482117	.0030351	.8543107	.2248868	4.875698
#2	4.879191	22.32897	.1473467	.0019609	.3025214	.2235391	4.891028
#3	4.930204	22.38633	.1486367	.0028583	.0794480	.2290390	4.970760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.75653	7.248759	.0205039	.0071258	2.734453	14.03913	.0183070
Stddev	.17306	.046491	.0024087	.0000861	.003660	.03902	.0009319
%RSD	1.032773	.6413697	11.74726	1.208758	.1338361	.2779713	5.090325

#1	16.88267	7.205019	.0179006	.0070359	2.738620	14.06518	.0176266
#2	16.55924	7.243676	.0226533	.0071339	2.731760	13.99427	.0179252
#3	16.82769	7.297584	.0209578	.0072075	2.732979	14.05796	.0193691

Sample Name: J3782-22 Acquired: 7/5/2018 15:38:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KE1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9013355	.0672366	.2360842
Stddev	.0011041	.0003647	.0011998
%RSD	.1224934	.5424420	.5082134

#1	.9025201	.0668231	.2366828
#2	.9011514	.0673739	.2347029
#3	.9003351	.0675127	.2368670

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.498	2561.031	52960.98	5914.248	2881.022
Stddev	11.952	5.251	136.30	22.833	9.058
%RSD	.6213935	.2050221	.2573617	.3860629	.3143934

#1	1934.980	2564.765	53074.15	5909.110	2886.036
#2	1924.390	2563.302	52999.13	5939.212	2886.464
#3	1911.125	2555.028	52809.68	5894.422	2870.566

Sample Name: PB110824BL Acquired: 7/5/2018 15:42:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003756	.0010022	-.001364	.0019064	.0009858	-.002867
Stddev	.002600	.0005147	.001345	.0051381	.0011986	.008283
%RSD	69.20757	51.35111	98.63436	269.5246	121.5840	288.9322

#1	-.001721	.0004989	-.002425	-.003607	.0016408	-.003025
#2	-.006685	.0009803	-.001815	.006560	-.000398	.005494
#3	-.002863	.0015275	.000149	.002766	.001714	-.011069

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003051	-.000015	-.000027	.0033587	.0000045	-.000105
Stddev	.000340	.000041	.000140	.0110174	.0003806	.000426
%RSD	11.13960	272.1518	510.1566	328.0233	8455.786	405.3255

#1	-.002781	-.000030	-.000160	-.008067	-.000408	-.000082
#2	-.002940	-.000046	.000119	.004226	.000079	.000309
#3	-.003433	.000031	-.000041	.013917	.000342	-.000542

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059873	.0035869	-.001479	.0768717	-.000061	.0010050
Stddev	.0014241	.0052227	.000770	.0362713	.000373	.0001784
%RSD	23.78606	145.6056	52.09413	47.18426	615.5068	17.75052

#1	.0043432	.0059710	-.001991	.0766605	-.000436	.0008339
#2	.0068380	-.002402	-.000593	.0407064	-.000055	.0009912
#3	.0067807	.007192	-.001852	.1132482	.000310	.0011899

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.561080	.0026980	.0056871	-.078495	-.002323	F -.021612
Stddev	.261021	.0066009	.0109138	.017482	.001778	.000339
%RSD	46.52115	244.6603	191.9027	22.27120	76.52370	1.568067

#1	-.282208	.0029375	.0179200	-.081497	-.000397	-.021242
#2	-.799535	.0091759	-.003052	-.094281	-.002671	-.021907
#3	-.601498	-.004019	.002194	-.059706	-.003902	-.021688

Sample Name: PB110824BL Acquired: 7/5/2018 15:42:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004127	-.052274	-.003187	-.000413	-.001712	-.000390
Stddev	.0006374	.000851	.001807	.000888	.000589	.001163
%RSD	154.4309	1.627194	56.70346	214.8713	34.37518	298.1736

#1	.0003333	-.053233	-.001720	-.001297	-.001429	.000825
#2	.0010861	-.051979	-.002635	-.000422	-.001319	-.001494
#3	-.000181	-.051610	-.005206	.000479	-.002389	-.000502

Elem	Sr4077
Units	ppm
Avg	-.000055
Stddev	.000035
%RSD	63.69211

#1	-.000039
#2	-.000096
#3	-.000032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1723.428	2305.901	47127.06	5171.523	3001.243
Stddev	6.963	4.198	84.00	27.394	9.669
%RSD	.4040450	.1820690	.1782416	.5297108	.3221663

#1	1730.930	2306.059	47223.74	5194.410	3007.948
#2	1717.172	2310.019	47071.94	5178.990	3005.621
#3	1722.181	2301.626	47085.51	5141.170	2990.159

Sample Name: PB110824BS Acquired: 7/5/2018 15:46:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167466	.0521242	.0190387	.0661631	.1183458	.3956752
Stddev	.0026220	.0013041	.0016577	.0046195	.0014277	.0017031
%RSD	15.65683	2.501961	8.707289	6.982038	1.206413	.4304396

#1	.0138334	.0509146	.0209509	.0612089	.1192913	.3963251
#2	.0189172	.0535058	.0181564	.0703526	.1190427	.3969578
#3	.0174891	.0519522	.0180086	.0669277	.1167034	.3937429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3996207	.0100251	.0094208	9.948638	.0216595	.0949256
Stddev	.0006186	.0000460	.0000831	.033074	.0000292	.0006526
%RSD	.1548076	.4589048	.8823571	.3324496	.1346781	.6875240

#1	.4003345	.0099732	.0095110	9.927188	.0216757	.0946047
#2	.3992879	.0100610	.0094044	9.931999	.0216770	.0944955
#3	.3992397	.0100412	.0093472	9.986728	.0216258	.0956765

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594460	.1983365	.0336306	9.667559	.0787863	.0199883
Stddev	.0022565	.0067972	.0012526	.020040	.0001830	.0007908
%RSD	3.795815	3.427114	3.724660	.2072957	.2322429	3.956516

#1	.0583730	.2060411	.0333246	9.655953	.0788667	.0191486
#2	.0579263	.1957811	.0325593	9.656023	.0785769	.0207189
#3	.0620388	.1931873	.0350079	9.690699	.0789153	.0200974

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.206606	.1110223	.1261472	9.790800	.0252146	F -.000835
Stddev	.045337	.0016897	.0035188	.016127	.0014276	.001693
%RSD	.4924425	1.521964	2.789438	.1647118	5.661940	202.8380

#1	9.242550	.1093831	.1301210	9.775426	.0240999	-.002361
#2	9.155672	.1109254	.1248941	9.807586	.0247201	-.001128
#3	9.221596	.1127584	.1234264	9.789388	.0268237	.000986

Sample Name: PB110824BS Acquired: 7/5/2018 15:46:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201266	.1182573	.1962449	F .0129546	.2065665	.0961222
Stddev	.0004185	.0035550	.0012461	.0009351	.0032011	.0003642
%RSD	2.079320	3.006192	.6349961	7.217984	1.549694	.3789390

#1	.0197293	.1223588	.1955069	.0134208	.2037943	.0962987
#2	.0205635	.1163535	.1976836	.0118781	.2058353	.0957034
#3	.0200869	.1160596	.1955441	.0135650	.2100700	.0963646

Elem	Sr4077
Units	ppm
Avg	.2059399
Stddev	.0002554
%RSD	.1240128

#1	.2059233
#2	.2062032
#3	.2056932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.633	2297.978	46975.85	5171.583	2976.604
Stddev	3.964	3.307	18.52	17.650	7.985
%RSD	.2298511	.1439135	.0394299	.3412893	.2682623

#1	1722.619	2300.387	46955.67	5189.260	2977.221
#2	1722.081	2299.340	46979.82	5171.530	2984.263
#3	1729.200	2294.207	46992.07	5153.960	2968.328

Sample Name: J3784-01 Acquired: 7/5/2018 15:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0779583	.0122825	.3926644	-.013296	.0059057	78.30171	1.755393
Stddev	.0006893	.0020707	.0039849	.008306	.0009429	.03482	.006808
%RSD	.8841390	16.85874	1.014834	62.47240	15.96528	.0444638	.3878086

#1	.0785570	.0116779	.3892239	-.008556	.0059513	78.33116	1.763250
#2	.0781132	.0145882	.3970307	-.022886	.0068250	78.31069	1.751260
#3	.0772048	.0105815	.3917386	-.008444	.0049409	78.26328	1.751669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071845	.1071787	36.45050	.1164347	.0992563	.2170863	140.4801
Stddev	.0000756	.0006540	.14692	.0016008	.0006463	.0026573	.2730
%RSD	1.052682	.6102303	.4030786	1.374867	.6511955	1.224060	.1943448

#1	.0072116	.1071415	36.61151	.1146978	.0993327	.2200635	140.3797
#2	.0072428	.1078505	36.41630	.1178509	.0998610	.2162407	140.2715
#3	.0070991	.1065440	36.32369	.1167553	.0985751	.2149548	140.7891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.340641	24.14929	.1940024	.0012479	1.466544	.2180397	4.845622
Stddev	.009646	.07569	.0026326	.0002984	.169159	.0028193	.031843
%RSD	.1314015	.3134438	1.356988	23.91580	11.53454	1.293038	.6571593

#1	7.335120	24.20927	.1962566	.0015111	1.392317	.2212951	4.810498
#2	7.335024	24.06424	.1946414	.0009237	1.660126	.2164013	4.872604
#3	7.351779	24.17436	.1911091	.0013088	1.347188	.2164226	4.853765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.28500	6.535716	.0077423	.0051130	1.773424	13.83393	.0171115
Stddev	.07479	.045428	.0011869	.0004870	.039157	.08258	.0011901
%RSD	.4326915	.6950708	15.33013	9.524093	2.207999	.5969619	6.955031

#1	17.37130	6.552302	.0071641	.0056316	1.813028	13.87581	.0184857
#2	17.24478	6.570521	.0091075	.0050421	1.772514	13.73880	.0164274
#3	17.23893	6.484326	.0069553	.0046654	1.734729	13.88719	.0164214

Sample Name: J3784-01 Acquired: 7/5/2018 15:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8723863	.0732209	.2649549
Stddev	.0025833	.0019925	.0010276
%RSD	.2961185	2.721190	.3878386

#1	.8708757	.0755107	.2661364
#2	.8709140	.0718825	.2644589
#3	.8753691	.0722694	.2642693

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.310	2603.977	53532.06	5977.697	2871.596
Stddev	8.465	10.920	346.49	26.782	9.322
%RSD	.4322602	.4193449	.6472629	.4480268	.3246236

#1	1967.814	2605.752	53918.71	5947.399	2869.572
#2	1955.534	2592.278	53249.67	5998.210	2863.452
#3	1951.582	2613.900	53427.78	5987.483	2881.763

Sample Name: J3784-02 Acquired: 7/5/2018 15:54:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502509	.0069314	.2136928	-.014299	.0035992	83.75974	1.992064
Stddev	.0008440	.0008755	.0023374	.004185	.0013196	.18069	.005892
%RSD	1.679653	12.63076	1.093822	29.27022	36.66231	.2157262	.2957926

#1	.0492959	.0079358	.2110495	-.019124	.0020759	83.95835	1.995498
#2	.0508967	.0063304	.2145421	-.012124	.0043321	83.60508	1.985261
#3	.0505602	.0065280	.2154869	-.011649	.0043897	83.71578	1.995435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077065	.0297554	41.64481	.1108814	.0982351	.1883534	147.9961
Stddev	.0000332	.0002793	.14343	.0003358	.0000683	.0039892	.4435
%RSD	.4312767	.9387507	.3444055	.3028024	.0695476	2.117937	.2996771

#1	.0077373	.0296088	41.48396	.1112276	.0982420	.1898028	148.3315
#2	.0076713	.0295799	41.75939	.1108595	.0982997	.1838421	148.1636
#3	.0077108	.0300775	41.69108	.1105571	.0981635	.1914152	147.4932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.720709	26.35912	.2387300	.0002574	.4520543	.2246466	3.272895
Stddev	.026038	.23209	.0005254	.0003284	.1381136	.0028400	.011853
%RSD	.3874339	.8805051	.2200993	127.5537	30.55244	1.264223	.3621655

#1	6.749925	26.61773	.2384131	.0006317	.6110264	.2271202	3.268251
#2	6.699953	26.16892	.2384405	.0001231	.3615557	.2252743	3.264068
#3	6.712248	26.29071	.2393366	.0000175	.3835809	.2215452	3.286368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81069	6.574215	.0082302	.0018403	1.350623	9.298150	.0039534
Stddev	.01810	.051790	.0009243	.0003101	.003098	.019934	.0019612
%RSD	.1144713	.7877673	11.23032	16.85190	.2293418	.2143816	49.60953

#1	15.82001	6.531869	.0091540	.0021976	1.347109	9.282015	.0028613
#2	15.82223	6.558818	.0082313	.0016814	1.352958	9.292002	.0027813
#3	15.78983	6.631956	.0073054	.0016418	1.351802	9.320434	.0062175

Sample Name: J3784-02 Acquired: 7/5/2018 15:54:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6118973	.0758684	.3330411
Stddev	.0023816	.0001827	.0003847
%RSD	.3892196	.2408493	.1154951

#1	.6116614	.0759668	.3332894
#2	.6143880	.0756576	.3325980
#3	.6096424	.0759809	.3332358

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.511	2644.584	54445.69	6113.525	2849.579
Stddev	5.023	5.475	90.23	10.197	7.068
%RSD	.2527074	.2070380	.1657335	.1668014	.2480226

#1	1981.911	2650.523	54343.89	6116.886	2853.945
#2	1989.002	2643.492	54515.82	6121.618	2853.367
#3	1991.618	2639.737	54477.35	6102.072	2841.425

Sample Name: J3784-03 Acquired: 7/5/2018 15:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493646	.0084408	.2173219	-.022301	.0054204	109.0589	1.923299
Stddev	.0007411	.0006208	.0038794	.005951	.0008447	.2335	.003674
%RSD	1.501244	7.355144	1.785114	26.68664	15.58370	.2140832	.1910163

#1	.0485292	.0083820	.2210095	-.027132	.0063637	109.1298	1.927258
#2	.0496219	.0090889	.2132756	-.024118	.0047339	108.7983	1.919999
#3	.0499428	.0078514	.2176806	-.015653	.0051637	109.2488	1.922641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090598	.0195119	41.05842	.1341471	.1046618	.1993666	174.4881
Stddev	.0001696	.0002646	.21072	.0005712	.0003561	.0003117	.8031
%RSD	1.872018	1.355977	.5132092	.4257875	.3402766	.1563483	.4602886

#1	.0090366	.0192591	41.06576	.1341302	.1042692	.1994928	175.2601
#2	.0089030	.0194898	40.84413	.1347266	.1049642	.1990116	173.6570
#3	.0092398	.0197869	41.26537	.1335846	.1047519	.1995955	174.5472

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.490872	32.38341	.2435402	-.000091	.7748484	.2621792	2.585640
Stddev	.013282	.13031	.0009984	.000273	.0578394	.0058412	.007454
%RSD	.2418957	.4024000	.4099586	299.5804	7.464613	2.227933	.2882770

#1	5.487977	32.51477	.2424898	.000033	.7891409	.2685156	2.593307
#2	5.479276	32.25418	.2436539	.000098	.7112027	.2570094	2.578420
#3	5.505363	32.38127	.2444769	-.000404	.8242017	.2610125	2.585192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.08322	5.418786	.0088278	.0013420	1.275160	12.27459	.0043482
Stddev	.05876	.044903	.0022552	.0002019	.004453	.02357	.0007016
%RSD	.3653773	.8286631	25.54589	15.04213	.3492305	.1920197	16.13566

#1	16.14506	5.370581	.0091758	.0013332	1.271527	12.30067	.0051310
#2	16.07648	5.426351	.0064189	.0011447	1.273825	12.26832	.0041376
#3	16.02812	5.459427	.0108888	.0015481	1.280128	12.25480	.0037760

Sample Name: J3784-03 Acquired: 7/5/2018 15:58:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6489605	.1033006	.3531580
Stddev	.0032487	.0015002	.0005932
%RSD	.5006047	1.452256	.1679780

#1	.6468146	.1042174	.3538092
#2	.6473689	.1041150	.3526483
#3	.6526982	.1015693	.3530165

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.374	2651.177	54107.92	6097.040	2792.866
Stddev	9.474	7.485	60.40	25.096	10.367
%RSD	.4774533	.2823247	.1116375	.4116101	.3711838

#1	1973.877	2658.662	54072.16	6082.154	2804.715
#2	1992.292	2651.178	54177.66	6126.014	2788.420
#3	1986.954	2643.692	54073.94	6082.950	2785.465

Sample Name: J3784-04 Acquired: 7/5/2018 16:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911702	.0055725	.2647691	-.015300	.0052566	71.28240	1.573434
Stddev	.0077291	.0035860	.0017121	.002526	.0012242	.17603	.004861
%RSD	8.477647	64.35234	.6466455	16.51124	23.28886	.2469474	.3089268

#1	.0831093	.0046851	.2662746	-.014261	.0057783	71.36909	1.576654
#2	.0985181	.0095188	.2629066	-.013459	.0061335	71.39828	1.575806
#3	.0918830	.0025134	.2651261	-.018180	.0038580	71.07984	1.567843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059575	.0370075	31.62781	.0937996	.0736318	.1349971	134.9498
Stddev	.0000620	.0001250	.08069	.0004715	.0006067	.0030162	.4027
%RSD	1.041266	.3377021	.2551371	.5026567	.8239412	2.234295	.2984423

#1	.0060284	.0370399	31.57788	.0932941	.0738897	.1360853	135.0063
#2	.0059310	.0368696	31.72091	.0942274	.0729387	.1373182	135.3214
#3	.0059132	.0371131	31.58465	.0938774	.0740669	.1315878	134.5218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.097866	23.62025	.1831623	.0002046	.4639939	.1906543	2.153412
Stddev	.024803	.13089	.0014968	.0001654	.0433039	.0028909	.019955
%RSD	.6052597	.5541570	.8172076	80.85407	9.332853	1.516309	.9266471

#1	4.095335	23.56726	.1820219	.0002613	.5133551	.1912393	2.174416
#2	4.123838	23.76933	.1826078	.0003341	.4323972	.1932080	2.151114
#3	4.074426	23.52416	.1848572	.0000183	.4462296	.1875157	2.134706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.66317	7.571509	-.002021	.0023542	1.018501	11.26597	.0062029
Stddev	.08472	.088013	.001309	.0001849	.002308	.01803	.0011622
%RSD	.5409019	1.162428	64.74918	7.855371	.2266424	.1600032	18.73579

#1	15.57755	7.571430	-.000868	.0023626	1.016537	11.27825	.0048827
#2	15.74696	7.483536	-.003444	.0021652	1.017922	11.27439	.0070716
#3	15.66500	7.659562	-.001752	.0025348	1.021044	11.24528	.0066544

Sample Name: J3784-04 Acquired: 7/5/2018 16:02:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8089773	.0697803	.1964651
Stddev	.0061530	.0007874	.0002867
%RSD	.7605851	1.128410	.1459251

#1	.8085442	.0699752	.1964996
#2	.8153354	.0704520	.1967329
#3	.8030523	.0689137	.1961626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.309	2605.029	53397.97	5983.486	2874.903
Stddev	1.294	6.316	189.25	26.332	6.237
%RSD	.0662617	.2424472	.3544151	.4400759	.2169496

#1	1951.274	2606.333	53437.09	5998.894	2873.960
#2	1951.894	2610.592	53192.22	5953.081	2881.557
#3	1953.759	2598.164	53564.61	5998.482	2869.191

Sample Name: J3784-05 Acquired: 7/5/2018 16:06:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0713350	.0043794	.3466360	-.009648	.0036630	53.24011	1.269657
Stddev	.0062629	.0023118	.0025500	.003928	.0011046	.16411	.000800
%RSD	8.779621	52.78757	.7356333	40.70945	30.15477	.3082458	.0629971

#1	.0785664	.0070405	.3454053	-.005472	.0033494	53.11553	1.269806
#2	.0677884	.0028673	.3449349	-.010206	.0048905	53.42607	1.270371
#3	.0676503	.0032303	.3495679	-.013268	.0027492	53.17874	1.268793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051022	.0430503	58.27066	.0878620	.0658865	.1465542	114.1029
Stddev	.0001264	.0000433	.25326	.0002624	.0006217	.0023218	.6875
%RSD	2.478211	.1006153	.4346317	.2986565	.9436567	1.584232	.6025245

#1	.0050672	.0430073	58.20427	.0881244	.0651738	.1461399	114.0517
#2	.0049970	.0430939	58.55051	.0878620	.0661679	.1490552	114.8146
#3	.0052425	.0430496	58.05721	.0875996	.0663178	.1444675	113.4425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.751964	37.15468	.1386149	.0004304	.4027168	.1641492	2.085294
Stddev	.022062	.23517	.0008667	.0002353	.1291332	.0013273	.014064
%RSD	.5880213	.6329523	.6252750	54.66211	32.06552	.8085606	.6744380

#1	3.744438	37.13132	.1385683	.0004685	.5470059	.1640041	2.099324
#2	3.776804	37.40066	.1377724	.0006443	.3631433	.1655430	2.085363
#3	3.734649	36.93207	.1395040	.0001784	.2980011	.1629005	2.071197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00535	8.393612	-.006957	.0030360	1.896895	8.601590	.0042264
Stddev	.01432	.029621	.000599	.0002618	.009420	.038085	.0009005
%RSD	.0954102	.3528957	8.609905	8.622139	.4965765	.4427645	21.30652

#1	15.00507	8.374194	-.007400	.0028492	1.895604	8.636919	.0031984
#2	15.01981	8.378938	-.006275	.0033352	1.888187	8.606605	.0046052
#3	14.99118	8.427705	-.007195	.0029236	1.906893	8.561246	.0048757

Sample Name: J3784-05 Acquired: 7/5/2018 16:06:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8779890	.0562937	.1610462
Stddev	.0033811	.0008797	.0005047
%RSD	.3850933	1.562736	.3133936

#1	.8757360	.0555632	.1610194
#2	.8818768	.0572702	.1615637
#3	.8763541	.0560477	.1605554

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.707	2547.830	52226.28	5877.601	2867.567
Stddev	6.933	9.764	163.94	37.669	7.312
%RSD	.3619154	.3832300	.3139031	.6408871	.2549778

#1	1910.005	2555.223	52126.82	5847.331	2873.604
#2	1913.692	2551.507	52136.52	5865.687	2869.661
#3	1923.425	2536.762	52415.50	5919.787	2859.437

Sample Name: J3784-06 Acquired: 7/5/2018 16:11:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041771	.0056685	.4603614	-.014775	.0037755	67.08107	1.547437
Stddev	.0030257	.0024056	.0034822	.001232	.0009836	.10385	.002669
%RSD	2.904370	42.43813	.7564148	8.338990	26.05249	.1548191	.1724535

#1	.1029783	.0043514	.4596893	-.013487	.0029813	67.05348	1.548595
#2	.1076185	.0084451	.4572643	-.015942	.0048757	67.19593	1.549331
#3	.1019345	.0042091	.4641308	-.014896	.0034694	66.99380	1.544385

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058261	.0596647	26.56344	.0973146	.0753408	.1826092	126.6165
Stddev	.0001612	.0002859	.10634	.0005756	.0002391	.0011361	.0544
%RSD	2.766991	.4791229	.4003290	.5915240	.3173049	.6221220	.0429300

#1	.0060110	.0595479	26.44067	.0966501	.0751918	.1839207	126.6776
#2	.0057148	.0594557	26.62256	.0976345	.0756165	.1819789	126.5985
#3	.0057525	.0599904	26.62708	.0976592	.0752141	.1819280	126.5735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.340965	21.09154	.1483294	.0004696	.3494145	.1878120	2.620155
Stddev	.005265	.10392	.0006884	.0002472	.2949414	.0013836	.007932
%RSD	.1212855	.4927108	.4640903	52.63639	84.41018	.7367109	.3027256

#1	4.337775	21.16382	.1479966	.0004595	.1380583	.1862271	2.624818
#2	4.347042	20.97245	.1478707	.0002277	.2238203	.1884297	2.610997
#3	4.338078	21.13834	.1491210	.0007217	.6863649	.1887791	2.624651

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.49740	8.490903	.0047208	.0032311	1.327998	12.31979	.0063783
Stddev	.05343	.072811	.0023564	.0002488	.003931	.00311	.0006384
%RSD	.2888438	.8575203	49.91523	7.700828	.2959830	.0252485	10.00841

#1	18.49258	8.424312	.0058950	.0033909	1.328423	12.32305	.0068268
#2	18.44654	8.479750	.0020080	.0029444	1.331699	12.31686	.0056475
#3	18.55307	8.568648	.0062594	.0033580	1.323873	12.31944	.0066607

Sample Name: J3784-06 Acquired: 7/5/2018 16:11:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8862455	.0612678	.1768874
Stddev	.0024304	.0018226	.0005780
%RSD	.2742393	2.974752	.3267579

#1	.8836679	.0623629	.1769584
#2	.8884955	.0622765	.1774266
#3	.8865732	.0591638	.1762772

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.378	2568.131	52790.57	5924.250	2872.151
Stddev	2.478	4.748	143.47	9.582	6.594
%RSD	.1287935	.1848635	.2717707	.1617433	.2295958

#1	1921.532	2570.448	52898.63	5930.496	2876.012
#2	1926.063	2571.275	52627.79	5913.218	2875.904
#3	1925.539	2562.670	52845.29	5929.037	2864.537

Sample Name: PB110823BS Acquired: 7/5/2018 16:15:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156894	.0524968	.0180991	.0716047	.1183925	.3948019
Stddev	.0027161	.0011389	.0008594	.0029910	.0003072	.0031174
%RSD	17.31149	2.169414	4.748030	4.177171	.2595112	.7896059

#1	.0159278	.0525721	.0175773	.0692260	.1180647	.3914748
#2	.0182784	.0513222	.0176292	.0706255	.1186739	.3952753
#3	.0128620	.0535962	.0190910	.0749627	.1184389	.3976554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4001204	.0100105	.0093487	9.906143	.0209897	.0942907
Stddev	.0014622	.0000571	.0000119	.041371	.0002655	.0004596
%RSD	.3654479	.5700826	.1268524	.4176329	1.264691	.4874317

#1	.3984540	.0099454	.0093623	9.861906	.0212317	.0942634
#2	.4007180	.0100521	.0093404	9.943879	.0210317	.0938453
#3	.4011891	.0100339	.0093434	9.912643	.0207058	.0947633

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570950	.2114817	.0313196	9.563909	.0788958	.0204772
Stddev	.0037313	.0131837	.0020381	.031451	.0007729	.0003168
%RSD	6.535252	6.233985	6.507421	.3288512	.9796221	1.546895

#1	.0547955	.1977488	.0336720	9.540948	.0797552	.0208422
#2	.0614002	.2126590	.0302028	9.599757	.0782577	.0203155
#3	.0550894	.2240373	.0300839	9.551024	.0786746	.0202740

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.515115	.1046752	.1266453	9.763259	F .0318483	F -.002026
Stddev	.042400	.0026737	.0180714	.050253	.0020346	.000487
%RSD	.4456034	2.554309	14.26930	.5147129	6.388502	24.01297

#1	9.532394	.1072272	.1400823	9.820017	.0331137	-.001500
#2	9.546146	.1018944	.1337529	9.745332	.0295013	-.002117
#3	9.466804	.1049039	.1061007	9.724428	.0329298	-.002461

Sample Name: PB110823BS Acquired: 7/5/2018 16:15:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205499	.1176499	.1981233	F .0132217	.2061342	.0955449
Stddev	.0004972	.0014605	.0003057	.0007713	.0021458	.0018558
%RSD	2.419613	1.241378	.1542989	5.833418	1.040949	1.942379

#1	.0204451	.1174581	.1982294	.0123486	.2046192	.0953137
#2	.0201135	.1162948	.1983618	.0135061	.2085896	.0938154
#3	.0210912	.1191968	.1977787	.0138104	.2051939	.0975054

Elem	Sr4077
Units	ppm
Avg	.2055225
Stddev	.0007326
%RSD	.3564468

#1	.2046939
#2	.2060842
#3	.2057894

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.866	2292.074	46790.73	5190.690	2968.540
Stddev	7.208	7.812	135.63	13.582	7.258
%RSD	.4200722	.3408405	.2898717	.2616650	.2444985

#1	1708.848	2283.082	46638.78	5199.720	2973.280
#2	1715.501	2295.947	46833.87	5175.070	2972.156
#3	1723.250	2297.194	46899.55	5197.280	2960.185

Sample Name: CCV056 Acquired: 7/5/2018 16:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.226681	5.111532	25.57672	5.024470	5.195521	395.0937
Stddev	.017535	.022522	.08173	.021100	.015406	.8159
%RSD	.3354854	.4406110	.3195321	.4199486	.2965311	.2065060

#1	5.240009	5.135366	25.49549	5.046274	5.187939	396.0318
#2	5.206817	5.108626	25.57574	5.004152	5.185376	394.5499
#3	5.233218	5.090605	25.65894	5.022986	5.213250	394.6993

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60874	.5129895	2.484555	409.6226	15.75682	2.612904
Stddev	.01038	.0036440	.004703	2.1227	.02241	.007624
%RSD	.0978031	.7103555	.1892927	.5182154	.1422004	.2917750

#1	10.61850	.5171938	2.479156	411.9416	15.76878	2.604186
#2	10.59784	.5107392	2.487763	409.1504	15.73097	2.618317
#3	10.60989	.5110356	2.486747	407.7756	15.77071	2.616211

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.13312	395.2316	15.82885	401.7223	2.574438	1.315684
Stddev	.05797	1.8065	.12468	2.4167	.007054	.001307
%RSD	.3593087	.4570630	.7877046	.6015951	.2739874	.0993657

#1	16.18472	397.2069	15.96027	404.4569	2.569182	1.315272
#2	16.07040	394.8244	15.81405	400.8364	2.571677	1.317148
#3	16.14425	393.6634	15.71222	399.8734	2.582454	1.314632

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.2453	2.655887	16.13656	160.5804	F 9.269391	5.126653
Stddev	.2022	.024203	.08149	.6457	.052293	.048247
%RSD	.0519374	.9112985	.5049952	.4021158	.5641425	.9411020

#1	389.1761	2.682227	16.15844	161.2900	9.246468	5.180774
#2	389.0869	2.634626	16.04637	160.4240	9.329230	5.111034
#3	389.4730	2.650809	16.20488	160.0273	9.232474	5.088150

Sample Name: CCV056 Acquired: 7/5/2018 16:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017754	5.295904	5.214870	5.176224	5.321153	5.306405
Stddev	.008156	.013927	.037222	.002509	.017573	.002040
%RSD	.1625473	.2629769	.7137572	.0484659	.3302458	.0384407

#1	5.021870	5.299952	5.255245	5.174470	5.337442	5.306803
#2	5.008360	5.280402	5.207444	5.175104	5.302530	5.308216
#3	5.023033	5.307359	5.181921	5.179097	5.323488	5.304195

Elem	Sr4077
Units	ppm
Avg	5.348903
Stddev	.009231
%RSD	.1725807

#1	5.359555
#2	5.343237
#3	5.343918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.027	1944.652	41942.40	4946.405	2262.353
Stddev	4.459	3.752	51.13	27.176	7.947
%RSD	.3028946	.1929189	.1219164	.5494054	.3512789

#1	1468.070	1947.735	41900.29	4915.319	2271.394
#2	1476.858	1945.746	41999.30	4958.237	2259.194
#3	1471.154	1940.475	41927.61	4965.659	2256.471

Sample Name: CCB056 Acquired: 7/5/2018 16:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006775	.0009719	-.000289	.0066034	.0017905	.0027312
Stddev	.004596	.0004256	.002061	.0018032	.0009611	.0097462
%RSD	67.84311	43.79223	713.4196	27.30758	53.67705	356.8418

#1	-.001486	.0014005	.002076	.0077284	.0008849	.0134224
#2	-.009036	.0009657	-.001237	.0045236	.0027988	-.005658
#3	-.009803	.0005494	-.001706	.0075583	.0016878	.000429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003471	.0000162	-.000009	.0169146	.0000561	.0000409
Stddev	.001277	.0000834	.000099	.0085567	.0003809	.0003537
%RSD	36.78821	513.4586	1162.468	50.58800	679.4810	863.7021

#1	-.002300	.0000736	-.000093	.0172546	.0000785	.0000085
#2	-.004832	-.000079	-.000034	.0081929	.0004253	.0004098
#3	-.003280	.000054	.000101	.0252962	-.000336	-.000295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042397	-.005953	-.000097	.0340178	.0000880	.0012896
Stddev	.0010843	.013639	.000354	.0226293	.0004104	.0000734
%RSD	25.57551	229.1078	363.2988	66.52203	466.3423	5.693477

#1	.0053599	.009559	.000272	.0249510	.0005594	.0012615
#2	.0031951	-.011352	-.000131	.0597746	-.000106	.0013729
#3	.0041641	-.016066	-.000433	.0173279	-.000190	.0012343

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.304720	.0015878	.0077160	.0613598	-.002806	F -.012862
Stddev	.130716	.0019472	.0076963	.0656936	.000470	.000379
%RSD	42.89714	122.6317	99.74401	107.0630	16.75874	2.947055

#1	-.236329	.0034174	.0149860	.1245644	-.003291	-.012585
#2	-.222387	.0018050	.0085074	.0660828	-.002773	-.012706
#3	-.455443	-.000459	-.000345	-.006568	-.002353	-.013294

Sample Name: CCB056 Acquired: 7/5/2018 16:22:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003324	-.057080	-.004207	.0000861	-.001374	-.000215
Stddev	.0000299	.004797	.000790	.0005779	.002806	.002012
%RSD	8.986721	8.403104	18.76858	671.0954	204.3274	934.9216

#1	.0003625	-.059311	-.005049	-.000085	-.003129	-.000541
#2	.0003028	-.051574	-.004090	.000730	-.002855	-.002045
#3	.0003318	-.060355	-.003483	-.000387	.001863	.001940

Elem	Sr4077
Units	ppm
Avg	-.000079
Stddev	.000081
%RSD	102.3467

#1	-.000022
#2	-.000172
#3	-.000044

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.329	2305.375	47130.25	5174.877	2992.120
Stddev	9.604	8.976	228.84	31.400	7.758
%RSD	.5559958	.3893683	.4855460	.6067687	.2592842

#1	1716.346	2308.849	46934.68	5140.250	2993.058
#2	1731.491	2312.095	47074.14	5201.500	2999.367
#3	1734.150	2295.181	47381.93	5182.880	2983.936

Sample Name: J3784-07 Acquired: 7/5/2018 16:27:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947821	.0066942	.3699117	-.016584	.0043191	70.16525	1.505176
Stddev	.0019997	.0016949	.0026943	.002069	.0021949	.06884	.000100
%RSD	2.109730	25.31853	.7283557	12.47513	50.81892	.0981068	.0066578

#1	.0925376	.0071178	.3689238	-.015290	.0052929	70.17079	1.505290
#2	.0954348	.0081372	.3678508	-.015492	.0018058	70.23115	1.505138
#3	.0963738	.0048277	.3729604	-.018971	.0058587	70.09381	1.505101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057269	.0515451	29.72051	.0986429	.0736547	.1614431	131.3958
Stddev	.0000682	.0002218	.19585	.0010204	.0007084	.0004100	.8562
%RSD	1.191524	.4303581	.6589695	1.034482	.9617552	.2539647	.6516397

#1	.0057675	.0514493	29.87495	.0980633	.0741324	.1611482	132.0996
#2	.0056481	.0513872	29.78636	.0980442	.0728408	.1612698	131.6454
#3	.0057650	.0517987	29.50022	.0998211	.0739909	.1619113	130.4426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.027756	23.28782	.1664111	.0003717	.3329993	.1932589	2.551271
Stddev	.031332	.05862	.0010834	.0003806	.1263688	.0034892	.010056
%RSD	.7778936	.2517053	.6510607	102.4143	37.94866	1.805463	.3941464

#1	4.063144	23.30151	.1651620	.0002920	.3270840	.1916363	2.561299
#2	4.016575	23.33838	.1669746	.0007858	.2096921	.1972640	2.551326
#3	4.003548	23.22357	.1670966	.0000372	.4622218	.1908765	2.541188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.58574	7.363532	.0077379	.0028524	1.147997	10.22947	.0080787
Stddev	.06227	.026781	.0011121	.0001912	.012279	.01548	.0009831
%RSD	.3754163	.3636940	14.37271	6.702828	1.069582	.1513157	12.16862

#1	16.60020	7.338745	.0089880	.0026515	1.134207	10.24148	.0069446
#2	16.63950	7.391938	.0073675	.0030321	1.157746	10.23493	.0086039
#3	16.51752	7.359914	.0068582	.0028738	1.152038	10.21200	.0086876

Sample Name: J3784-07 Acquired: 7/5/2018 16:27:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8744927	.0662028	.1896657
Stddev	.0034785	.0016339	.0001458
%RSD	.3977777	2.467996	.0768654

#1	.8755455	.0647864	.1896596
#2	.8773232	.0658317	.1898144
#3	.8706094	.0679903	.1895230

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.259	2593.910	53221.69	5970.971	2879.999
Stddev	13.917	6.502	280.95	18.363	11.620
%RSD	.7157914	.2506758	.5278826	.3075454	.4034566

#1	1928.393	2598.110	52900.22	5956.022	2890.315
#2	1954.400	2597.200	53420.20	5965.421	2882.270
#3	1949.985	2586.421	53344.64	5991.468	2867.411

Sample Name: J3784-08 Acquired: 7/5/2018 16:31:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720529	.0046498	.1868984	-.011024	.0041440	68.75575	1.445119
Stddev	.0024558	.0053724	.0024147	.001320	.0003265	.10495	.002142
%RSD	3.408287	115.5399	1.292014	11.97318	7.879710	.1526411	.1482238

#1	.0692965	.0107788	.1860167	-.009603	.0040691	68.66301	1.445406
#2	.0740078	.0024159	.1850483	-.012213	.0038614	68.86968	1.447102
#3	.0728545	.0007549	.1896301	-.011256	.0045014	68.73455	1.442847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056149	.0224331	27.22082	.0913260	.0734597	.1195657	131.8845
Stddev	.0000821	.0001682	.02722	.0004012	.0003731	.0015381	.2971
%RSD	1.461709	.7496582	.0999966	.4392952	.5079044	1.286441	.2252786

#1	.0056806	.0223554	27.23956	.0917513	.0738553	.1182764	132.0396
#2	.0055229	.0223179	27.18960	.0912725	.0734098	.1212682	132.0719
#3	.0056412	.0226261	27.23329	.0909543	.0731141	.1191524	131.5419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.713354	23.07777	.1899267	.0000654	.4294747	.1856658	1.553425
Stddev	.013566	.07552	.0007525	.0002598	.2918498	.0042095	.025383
%RSD	.3653333	.3272200	.3962002	397.0302	67.95506	2.267229	1.633973

#1	3.715002	23.14999	.1896568	-.000152	.3900186	.1857103	1.578422
#2	3.726021	23.08399	.1893464	.000353	.7390452	.1898528	1.554179
#3	3.699039	22.99934	.1907769	-.000005	.1593601	.1814342	1.527673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.19570	6.854071	.0022844	.0019606	.8797444	11.55365	.0038843
Stddev	.03153	.067141	.0025534	.0001602	.0062226	.07763	.0018876
%RSD	.2220985	.9795803	111.7766	8.172048	.7073149	.6719233	48.59608

#1	14.22853	6.783984	.0046015	.0021205	.8732956	11.46463	.0027479
#2	14.19290	6.860414	.0027047	.0019613	.8802247	11.60727	.0060633
#3	14.16566	6.917816	-.000453	.0018001	.8857129	11.58906	.0028418

Sample Name: J3784-08 Acquired: 7/5/2018 16:31:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8483831	.0674222	.2073505
Stddev	.0017123	.0002626	.0004507
%RSD	.2018275	.3895464	.2173631

#1	.8464853	.0672401	.2068941
#2	.8498122	.0677233	.2073622
#3	.8488517	.0673033	.2077953

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.644	2605.718	53291.79	5983.981	2884.279
Stddev	10.977	2.623	95.97	14.261	6.517
%RSD	.5636045	.1006694	.1800767	.2383152	.2259418

#1	1935.604	2603.406	53215.84	5995.882	2881.418
#2	1957.094	2608.569	53259.88	5968.175	2891.737
#3	1950.235	2605.179	53399.64	5987.886	2879.683

Sample Name: J3784-09 Acquired: 7/5/2018 16:35:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0841481	.0053387	.3731301	-.010826	.0040307	61.04503	1.361852
Stddev	.0034911	.0023098	.0050751	.003399	.0007396	.25559	.004385
%RSD	4.148735	43.26585	1.360156	31.40073	18.34850	.4186953	.3220005

#1	.0867646	.0063666	.3712207	-.008069	.0046046	61.11106	1.364428
#2	.0801841	.0069561	.3692867	-.014624	.0042912	61.26114	1.364340
#3	.0854956	.0026933	.3788831	-.009784	.0031961	60.76291	1.356789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053038	.0489787	26.82596	.1092834	.0700093	.1639916	117.2896
Stddev	.0000609	.0002055	.11589	.0007014	.0003321	.0021039	.7412
%RSD	1.148007	.4196117	.4320197	.6418252	.4744260	1.282909	.6319387

#1	.0052753	.0487593	26.78460	.1100230	.0700277	.1630735	116.9793
#2	.0053737	.0490100	26.95686	.1086277	.0696684	.1625028	118.1355
#3	.0052624	.0491668	26.73642	.1091993	.0703319	.1663985	116.7540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.118897	19.77246	.1586450	.0003988	.3191181	.1735646	2.255760
Stddev	.030631	.21380	.0004396	.0001076	.1058404	.0045377	.013688
%RSD	.7436709	1.081319	.2771271	26.98853	33.16651	2.614431	.6067996

#1	4.106086	19.84165	.1581386	.0003599	.2135668	.1722521	2.259133
#2	4.153853	19.94310	.1589294	.0005205	.4252451	.1698278	2.240701
#3	4.096750	19.53263	.1588669	.0003160	.3185425	.1786139	2.267447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.72650	6.792527	.0016627	.0037058	1.947000	11.75377	.0079100
Stddev	.01902	.041481	.0022788	.0004107	.002195	.05253	.0010967
%RSD	.1209406	.6106881	137.0541	11.08247	.1127611	.4469240	13.86456

#1	15.71313	6.781782	.0040047	.0041707	1.944548	11.71622	.0067748
#2	15.74827	6.757476	.0015304	.0035545	1.947670	11.81380	.0089636
#3	15.71809	6.838323	-.000547	.0033923	1.948783	11.73128	.0079915

Sample Name: J3784-09 Acquired: 7/5/2018 16:35:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7910167	.0597593	.1905396
Stddev	.0023551	.0008626	.0008529
%RSD	.2977238	1.443494	.4476194

#1	.7919195	.0594873	.1911101
#2	.7927867	.0607251	.1909496
#3	.7883438	.0590654	.1895592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.105	2561.048	52782.10	5883.873	2895.329
Stddev	13.172	3.459	160.58	14.530	7.704
%RSD	.6828164	.1350442	.3042237	.2469501	.2660936

#1	1922.330	2560.042	52628.04	5886.824	2902.417
#2	1944.286	2564.898	52948.49	5868.094	2896.441
#3	1920.699	2558.204	52769.78	5896.701	2887.129

Sample Name: J3784-10 Acquired: 7/5/2018 16:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985477	.0077191	.3827198	-.016571	.0043553	65.62170	1.472465
Stddev	.0043317	.0007727	.0026954	.004048	.0002046	.29864	.005355
%RSD	4.395530	10.00987	.7042750	24.42829	4.698795	.4550924	.3636775

#1	.0981836	.0080558	.3849362	-.013651	.0045428	65.48211	1.466474
#2	.0944095	.0082663	.3797193	-.014870	.0041370	65.41843	1.476785
#3	.1030499	.0068352	.3835040	-.021192	.0043860	65.96458	1.474136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058544	.0539254	27.34276	.0921660	.0778063	.1797987	126.5419
Stddev	.0000525	.0003532	.26524	.0007067	.0005386	.0018652	1.3705
%RSD	.8975046	.6549184	.9700392	.7667683	.6922292	1.037392	1.083060

#1	.0058221	.0537120	27.32891	.0913922	.0771892	.1787714	126.5670
#2	.0058261	.0537311	27.08473	.0927773	.0780485	.1819518	125.1590
#3	.0059150	.0543331	27.61465	.0923285	.0781813	.1786731	127.8997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.482022	20.45436	.1631681	-.000160	.4298755	.1732303	2.506610
Stddev	.054495	.12305	.0006521	.000095	.0307797	.0053677	.009484
%RSD	1.215860	.6015796	.3996176	59.67065	7.160146	3.098581	.3783739

#1	4.490839	20.52432	.1628485	-.000062	.4293853	.1742298	2.509952
#2	4.423656	20.31229	.1627375	-.000253	.3993439	.1674332	2.495907
#3	4.531571	20.52649	.1639183	-.000165	.4608974	.1780281	2.513971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.06601	7.178479	-.004244	.0031766	1.278858	8.533071	.0082883
Stddev	.03324	.051868	.002638	.0002666	.007016	.051418	.0016174
%RSD	.2068864	.7225447	62.15500	8.391670	.5486176	.6025753	19.51372

#1	16.04950	7.135998	-.005228	.0034650	1.284728	8.565308	.0078765
#2	16.10427	7.163158	-.006249	.0031258	1.280758	8.473774	.0100718
#3	16.04426	7.236282	-.001256	.0029391	1.271087	8.560131	.0069167

Sample Name: J3784-10 Acquired: 7/5/2018 16:39:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7276264	.0630117	.1975544
Stddev	.0016677	.0019392	.0004434
%RSD	.2291995	3.077597	.2244667

#1	.7264018	.0607726	.1973001
#2	.7269516	.0641524	.1972967
#3	.7295257	.0641100	.1980665

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.548	2596.032	52970.66	5961.170	2905.689
Stddev	4.941	4.444	13.58	29.132	4.654
%RSD	.2553886	.1711661	.0256371	.4887010	.1601779

#1	1940.220	2597.267	52960.48	5945.100	2909.345
#2	1931.176	2599.727	52965.43	5994.798	2907.271
#3	1932.249	2591.101	52986.08	5943.611	2900.450

Sample Name: J3784-11 Acquired: 7/5/2018 16:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800143	.0046769	.2532293	-.015504	.0026934	79.95879	1.704216
Stddev	.0029307	.0027942	.0029742	.004050	.0009870	.28717	.001171
%RSD	3.662689	59.74497	1.174511	26.11842	36.64552	.3591495	.0687153

#1	.0790638	.0047019	.2501642	-.011484	.0018613	79.68314	1.705323
#2	.0833023	.0018703	.2534202	-.019583	.0024351	79.93699	1.704334
#3	.0776769	.0074586	.2561034	-.015446	.0037839	80.25624	1.702990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066278	.0411385	31.85939	.1030418	.0853152	.1510378	143.3628
Stddev	.0001385	.0001859	.18007	.0006932	.0001854	.0016861	.7703
%RSD	2.089674	.4520104	.5652146	.6727197	.2173580	1.116365	.5372939

#1	.0067153	.0410100	31.66824	.1029892	.0851864	.1526127	142.7659
#2	.0064681	.0413518	31.88407	.1023765	.0855278	.1512417	143.0903
#3	.0067000	.0410539	32.02585	.1037599	.0852315	.1492590	144.2324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.484631	24.01898	.2025076	-.000048	.5609573	.2011332	1.980226
Stddev	.018957	.17283	.0016746	.000471	.2810377	.0030143	.033522
%RSD	.4227193	.7195398	.8269440	989.4040	50.09966	1.498663	1.692828

#1	4.462821	23.84235	.2023981	-.000145	.8842029	.1976540	1.952930
#2	4.493917	24.02684	.2008904	-.000463	.4241616	.2027879	2.017642
#3	4.497155	24.18774	.2042343	.000465	.3745074	.2029577	1.970107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.69923	7.347161	.0015534	.0025084	1.430560	9.888187	.0072632
Stddev	.04109	.037864	.0048788	.0000694	.003331	.090900	.0012168
%RSD	.2617585	.5153565	314.0689	2.768257	.2328524	.9192749	16.75261

#1	15.73093	7.338391	-.001689	.0024933	1.434018	9.923251	.0071814
#2	15.65280	7.314451	.007164	.0025841	1.427373	9.784978	.0085189
#3	15.71396	7.388640	-.000816	.0024477	1.430289	9.956332	.0060895

Sample Name: J3784-11 Acquired: 7/5/2018 16:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7371572	.0753449	.2487357
Stddev	.0025890	.0004207	.0005492
%RSD	.3512101	.5583463	.2208049

#1	.7343913	.0758023	.2482933
#2	.7375576	.0752578	.2485634
#3	.7395226	.0749745	.2493504

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.102	2634.781	54261.33	6124.812	2875.356
Stddev	5.462	11.237	246.98	42.155	9.209
%RSD	.2765463	.4264776	.4551657	.6882707	.3202622

#1	1979.930	2647.607	54530.38	6109.405	2884.585
#2	1976.202	2630.066	54208.69	6172.503	2875.316
#3	1969.174	2626.670	54044.91	6092.527	2866.168

Sample Name: J3784-12 Acquired: 7/5/2018 16:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603711	.0043161	.1331836	-.021701	.0031121	87.48946	1.505355
Stddev	.0041818	.0035323	.0018149	.003683	.0005507	.21083	.003058
%RSD	6.926823	81.84136	1.362735	16.97401	17.69425	.2409719	.2031703

#1	.0651888	.0002373	.1349502	-.024444	.0037176	87.73238	1.506570
#2	.0576798	.0063513	.1313239	-.023144	.0029774	87.38186	1.501876
#3	.0582446	.0063596	.1332767	-.017514	.0026412	87.35415	1.507620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066727	.0074012	29.56616	.1025855	.0821008	.1147974	151.7582
Stddev	.0000491	.0001542	.12564	.0013053	.0002007	.0029950	.8422
%RSD	.7356772	2.083643	.4249391	1.272355	.2444879	2.608965	.5549397

#1	.0066892	.0073553	29.66926	.1028511	.0819064	.1170077	152.5551
#2	.0066175	.0072751	29.60300	.1011679	.0820887	.1159959	151.8424
#3	.0067114	.0075731	29.42622	.1037375	.0823073	.1113888	150.8771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.620627	25.49411	.2198166	.0001645	.4478459	.2101728	.6578940
Stddev	.022543	.05721	.0019126	.0003081	.1790828	.0020170	.0280463
%RSD	.6226388	.2243996	.8700904	187.3582	39.98759	.9596773	4.263049

#1	3.638018	25.49861	.2176086	.0002649	.4042984	.2078677	.6762914
#2	3.628706	25.54894	.2208815	-.000181	.2945529	.2110368	.6717767
#3	3.595158	25.43479	.2209598	.000410	.6446864	.2116138	.6256140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.69353	6.399059	.0031250	.0015921	.7924585	12.09655	.0037594
Stddev	.02010	.016791	.0022085	.0002526	.0007970	.01837	.0005209
%RSD	.1467486	.2624014	70.67111	15.86710	.1005741	.1518415	13.85652

#1	13.71301	6.381360	.0030246	.0016608	.7916027	12.09884	.0042672
#2	13.67287	6.401050	.0053821	.0013122	.7931796	12.07715	.0037848
#3	13.69472	6.414765	.0009685	.0018032	.7925931	12.11367	.0032263

Sample Name: J3784-12 Acquired: 7/5/2018 16:47:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8393224	.0817159	.2629209
Stddev	.0032691	.0007553	.0005599
%RSD	.3894948	.9242466	.2129595

#1	.8429162	.0822956	.2633881
#2	.8365252	.0808618	.2630743
#3	.8385258	.0819904	.2623003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.686	2640.131	54550.16	6115.374	2851.145
Stddev	5.708	4.415	198.99	5.774	4.444
%RSD	.2878858	.1672322	.3647839	.0944198	.1558578

#1	1976.322	2641.061	54461.93	6109.768	2855.600
#2	1987.353	2644.008	54778.01	6121.303	2851.124
#3	1984.384	2635.325	54410.55	6115.051	2846.713

Sample Name: J3784-13 Acquired: 7/5/2018 16:51:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1823569	.0085211	1.875675	-.021492	.0067737	105.2954	2.223185
Stddev	.0061088	.0031020	.009471	.003415	.0009389	.4871	.004589
%RSD	3.349894	36.40400	.5049424	15.88766	13.86079	.4625648	.2064357

#1	.1872103	.0057787	1.873943	-.023272	.0078242	104.8718	2.218083
#2	.1754974	.0118878	1.867190	-.023650	.0060164	105.1866	2.226977
#3	.1843631	.0078969	1.885893	-.017556	.0064805	105.8276	2.224494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095069	.2834791	49.41549	.1477774	.0956639	.5540188	186.9551
Stddev	.0001396	.0012725	.36058	.0004337	.0007230	.0029433	1.7112
%RSD	1.468306	.4488679	.7296935	.2934543	.7557861	.5312690	.9153145

#1	.0093516	.2837402	49.03271	.1481732	.0955263	.5523686	185.9741
#2	.0095472	.2820964	49.46499	.1473139	.0950195	.5574170	185.9603
#3	.0096219	.2846007	49.74876	.1478450	.0964458	.5522708	188.9311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.153513	29.38194	.2041426	.0036812	.9404151	.2773776	8.988092
Stddev	.065913	.22577	.0004689	.0002568	.1490590	.0032984	.064010
%RSD	1.071150	.7683837	.2297017	6.976493	15.85034	1.189146	.7121666

#1	6.110462	29.19190	.2043614	.0039502	1.080640	.2765687	9.029201
#2	6.120682	29.32242	.2036043	.0034386	.956740	.2745589	8.914341
#3	6.229394	29.63150	.2044622	.0036549	.783866	.2810052	9.020733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.18504	14.72355	.0201453	.0081112	3.533925	16.62670	.0275183
Stddev	.05519	.05306	.0015242	.0001712	.016257	.15267	.0022521
%RSD	.2282131	.3604052	7.566070	2.110767	.4600199	.9182449	8.184066

#1	24.12697	14.74603	.0214693	.0079240	3.546950	16.45049	.0288404
#2	24.23682	14.66294	.0184791	.0081498	3.515706	16.71022	.0249179
#3	24.19135	14.76166	.0204876	.0082598	3.539118	16.71940	.0287967

Sample Name: J3784-13 Acquired: 7/5/2018 16:51:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9366475	.0944381	.3710488
Stddev	.0065586	.0021556	.0008925
%RSD	.7002229	2.282535	.2405272

#1	.9291901	.0921239	.3701047
#2	.9392333	.0948017	.3711629
#3	.9415190	.0963888	.3718787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.778	2662.698	54834.69	6222.326	2808.927
Stddev	5.553	7.151	80.03	50.311	5.475
%RSD	.2789243	.2685693	.1459479	.8085588	.1949261

#1	1988.348	2670.899	54743.14	6280.403	2813.980
#2	1986.854	2659.428	54891.36	6194.511	2809.691
#3	1997.131	2657.766	54869.56	6192.064	2803.110

Sample Name: J3784-14 Acquired: 7/5/2018 16:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1891722	.0106692	1.903212	-.023727	.0057235	105.3360	2.214838
Stddev	.0085902	.0028765	.006560	.004354	.0029939	.9520	.019043
%RSD	4.540963	26.96132	.3446929	18.34993	52.30933	.9038041	.8598112

#1	.1861994	.0105671	1.897824	-.028478	.0043622	105.6544	2.221614
#2	.1824632	.0135954	1.901295	-.022774	.0091562	106.0881	2.229566
#3	.1988540	.0078450	1.910517	-.019928	.0036522	104.2656	2.193333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096459	.2856468	49.63352	.1481921	.0959061	.5533778	187.9579
Stddev	.0000610	.0010895	.49370	.0010488	.0003839	.0074412	1.9507
%RSD	.6320084	.3814007	.9946912	.7077533	.4003409	1.344692	1.037818

#1	.0096765	.2848763	49.94024	.1486722	.0958112	.5508435	189.0859
#2	.0096855	.2851708	49.89631	.1469891	.0963286	.5617551	189.0823
#3	.0095757	.2868932	49.06401	.1489149	.0955785	.5475347	185.7055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.159747	29.60146	.2029722	.0037989	.8907764	.2816412	8.975504
Stddev	.045713	.30074	.0011612	.0005563	.1055191	.0043746	.034184
%RSD	.7421190	1.015979	.5721127	14.64237	11.84575	1.553267	.3808613

#1	6.194699	29.74382	.2022790	.0032836	.8105667	.2840945	9.014970
#2	6.176527	29.80460	.2023247	.0043886	1.010311	.2842386	8.955153
#3	6.108016	29.25597	.2043128	.0037246	.851452	.2765905	8.956389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.10487	14.88461	.0213298	.0082241	3.549740	16.65849	.0266649
Stddev	.21357	.06600	.0048474	.0003225	.013746	.20171	.0012039
%RSD	.8859846	.4434246	22.72582	3.921584	.3872422	1.210866	4.514901

#1	24.26959	14.92854	.0254765	.0082168	3.548385	16.69427	.0253870
#2	24.18144	14.80871	.0160006	.0085503	3.536721	16.83992	.0277777
#3	23.86357	14.91657	.0225124	.0079054	3.564113	16.44129	.0268299

Sample Name: J3784-14 Acquired: 7/5/2018 16:55:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9364319	.0932717	.3716804
Stddev	.0064165	.0005481	.0032716
%RSD	.6852068	.5875813	.8802227

#1	.9381338	.0936909	.3728653
#2	.9418259	.0934726	.3741945
#3	.9293360	.0926515	.3679815

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.536	2662.806	55012.98	6216.397	2814.220
Stddev	7.327	4.021	93.00	72.877	5.536
%RSD	.3669820	.1509987	.1690573	1.172342	.1967020

#1	1997.555	2665.617	55107.04	6205.064	2817.276
#2	1988.752	2664.599	55010.85	6149.850	2817.554
#3	2003.299	2658.200	54921.07	6294.277	2807.830

Sample Name: J3784-15 Acquired: 7/5/2018 16:59:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2368388	.1126341	1.692008	-.001129	.1826782	103.6549	6.075035
Stddev	.0025353	.0036509	.007122	.002687	.0027166	.2333	.006899
%RSD	1.070484	3.241409	.4209378	238.0327	1.487081	.2250957	.1135648

#1	.2376202	.1096682	1.689438	.001106	.1796184	103.5168	6.069865
#2	.2340047	.1115224	1.686527	-.004111	.1848066	103.5235	6.082869
#3	.2388914	.1167116	1.700058	-.000382	.1836095	103.9243	6.072372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018097	.3647755	46.16462	.5364985	1.174802	.9972652	178.7248
Stddev	.0007116	.0017346	.27647	.0010361	.004868	.0085319	1.0918
%RSD	.6989597	.4755319	.5988859	.1931236	.4143771	.8555310	.6108756

#1	.1009925	.3639879	45.94376	.5361007	1.171207	.9942164	178.8702
#2	.1022923	.3635744	46.07541	.5376745	1.172857	.9906765	177.5675
#3	.1021445	.3667642	46.47468	.5357202	1.180342	1.006903	179.7365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.922955	28.15301	1.276762	.0929621	.5937799	1.269378	9.273834
Stddev	.065401	.31571	.006150	.0002837	.2949682	.011378	.044837
%RSD	.9447006	1.121412	.4816769	.3051382	49.67635	.8963322	.4834822

#1	6.899058	28.02810	1.273890	.0932891	.7196554	1.256376	9.264123
#2	6.872863	27.91888	1.272573	.0927818	.2567569	1.274245	9.234648
#3	6.996944	28.51207	1.283822	.0928155	.8049275	1.277512	9.322731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.26914	13.50815	.0228245	.0076068	3.390025	16.35506	.0252651
Stddev	.02691	.06472	.0051630	.0001579	.022527	.07553	.0014277
%RSD	.1156389	.4791492	22.62022	2.076196	.6645001	.4617853	5.650732

#1	23.27967	13.46188	.0252619	.0077839	3.380389	16.29146	.0268823
#2	23.23856	13.48046	.0168941	.0075557	3.373919	16.43853	.0241793
#3	23.28919	13.58212	.0263175	.0074807	3.415767	16.33519	.0247338

Sample Name: J3784-15 Acquired: 7/5/2018 16:59:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8976511	.0920664	.3418934
Stddev	.0056497	.0013032	.0006017
%RSD	.6293889	1.415499	.1759899

#1	.8985236	.0926378	.3412010
#2	.8916158	.0929863	.3422893
#3	.9028138	.0905751	.3421899

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.854	2635.207	54499.79	6165.441	2814.677
Stddev	6.288	9.036	166.46	23.994	11.583
%RSD	.3169518	.3428803	.3054316	.3891681	.4115139

#1	1984.636	2637.339	54480.23	6191.389	2816.341
#2	1989.714	2642.986	54675.16	6160.877	2825.338
#3	1977.212	2625.296	54343.97	6144.057	2802.353

Sample Name: J3784-13LX5 Acquired: 7/5/2018 17:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406361	.0022945	.3808350	-.003135	.0029022	24.04135	.5038297
Stddev	.0053461	.0007147	.0033982	.003703	.0003353	.07262	.0011831
%RSD	13.15603	31.14878	.8923165	118.0999	11.55503	.3020751	.2348263

#1	.0378829	.0014753	.3822834	-.007267	.0029110	24.03726	.5024639
#2	.0467976	.0027904	.3769525	-.002022	.0025625	24.11593	.5044884
#3	.0372277	.0026180	.3832690	-.000117	.0032330	23.97086	.5045369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022563	.0573127	11.36393	.0373310	.0188916	.1289301	43.84303
Stddev	.0000839	.0003333	.04600	.0002938	.0002374	.0046525	.18772
%RSD	3.718989	.5816093	.4048219	.7870244	1.256381	3.608565	.4281578

#1	.0023355	.0571975	11.33534	.0371153	.0188850	.1342907	43.66333
#2	.0021684	.0570523	11.41700	.0372122	.0186577	.1259428	44.03785
#3	.0022651	.0576884	11.33946	.0376657	.0191323	.1265568	43.82790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417756	6.793660	.0428412	.0017008	-.108774	.0633013	2.015496
Stddev	.013667	.057165	.0006644	.0002122	.269549	.0035960	.038398
%RSD	.9639612	.8414413	1.550816	12.47650	247.8068	5.680799	1.905153

#1	1.405321	6.746898	.0430193	.0014638	.198142	.0674406	1.993144
#2	1.432388	6.857387	.0421060	.0017651	-.217414	.0615162	1.993511
#3	1.415559	6.776695	.0433984	.0018733	-.307051	.0609471	2.059834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.410766	2.974622	-.012441	.0025575	.6645743	3.914009	.0054076
Stddev	.030186	.010372	.001725	.0000943	.0075299	.036912	.0011251
%RSD	.5578928	.3486720	13.86787	3.687725	1.133040	.9430863	20.80587

#1	5.380147	2.964386	-.013754	.0025138	.6579446	3.932704	.0065931
#2	5.411653	2.974358	-.013082	.0024929	.6630173	3.937834	.0043547
#3	5.440499	2.985124	-.010487	.0026657	.6727610	3.871489	.0052750

Sample Name: J3784-13LX5 Acquired: 7/5/2018 17:03:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2124632	.0194072	.0851716
Stddev	.0005956	.0008044	.0002513
%RSD	.2803163	4.144782	.2950649

#1	.2118073	.0195056	.0850169
#2	.2129701	.0201578	.0854616
#3	.2126122	.0185581	.0850364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.047	2379.868	48552.71	5417.275	2940.984
Stddev	8.498	6.739	126.15	41.667	13.374
%RSD	.4763582	.2831759	.2598223	.7691431	.4547307

#1	1779.737	2382.056	48561.69	5396.750	2947.110
#2	1778.568	2385.242	48422.31	5389.853	2950.197
#3	1793.837	2372.307	48674.13	5465.222	2925.644

Sample Name: J3784-16 Acquired: 7/5/2018 17:07:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1534188	.0056955	.4158510	-.023439	.0051966	85.68348	1.965196
Stddev	.0072531	.0025633	.0022907	.002437	.0021821	.19317	.005322
%RSD	4.727629	45.00579	.5508433	10.39886	41.99114	.2254434	.2707995

#1	.1533468	.0078295	.4155489	-.023645	.0036670	85.46045	1.959062
#2	.1462020	.0028523	.4182778	-.025767	.0042275	85.79206	1.967945
#3	.1607076	.0064047	.4137264	-.020905	.0076955	85.79793	1.968582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077604	.0913660	35.91409	.1169340	.0837533	.2454230	148.2637
Stddev	.0000525	.0003181	.14652	.0001441	.0003681	.0049804	.3840
%RSD	.6763720	.3482084	.4079847	.1232224	.4395021	2.029325	.2590085

#1	.0078202	.0914720	35.80030	.1167717	.0835886	.2408789	147.9173
#2	.0077219	.0910084	36.07942	.1170468	.0841750	.2507476	148.6767
#3	.0077391	.0916176	35.86255	.1169834	.0834964	.2446425	148.1972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.942482	26.54347	.1995359	.0003529	.6893381	.2220905	4.571675
Stddev	.037455	.07242	.0003368	.0002367	.0086189	.0024650	.070951
%RSD	.6302919	.2728372	.1687961	67.07606	1.250310	1.109916	1.551969

#1	5.921284	26.62451	.1993671	.0001651	.6870121	.2228175	4.535458
#2	5.985729	26.52081	.1993169	.0006187	.6821209	.2241103	4.653425
#3	5.920434	26.48509	.1999237	.0002748	.6988812	.2193438	4.526141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.96414	9.426880	.0106286	.0027671	1.823654	11.62587	.0061696
Stddev	.05776	.031891	.0010640	.0003039	.006799	.00652	.0013155
%RSD	.2755040	.3382936	10.01056	10.98366	.3728071	.0560904	21.32227

#1	20.91962	9.409396	.0102081	.0026668	1.830933	11.62025	.0070198
#2	21.02940	9.407555	.0118385	.0031085	1.817467	11.63302	.0046543
#3	20.94339	9.463688	.0098391	.0025260	1.822563	11.62434	.0068345

Sample Name: J3784-16 Acquired: 7/5/2018 17:07:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6523360	.0791547	.2933736
Stddev	.0026987	.0010379	.0007648
%RSD	.4136971	1.311184	.2607030

#1	.6492805	.0801283	.2928292
#2	.6543935	.0792730	.2942480
#3	.6533341	.0780628	.2930435

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.084	2639.182	54422.35	6097.690	2840.736
Stddev	16.019	9.594	341.53	7.226	10.343
%RSD	.8102586	.3635298	.6275605	.1184982	.3640983

#1	1965.694	2645.158	54103.69	6103.265	2848.643
#2	1970.156	2644.272	54380.45	6089.527	2844.534
#3	1995.401	2628.115	54782.89	6100.279	2829.030

Sample Name: J3784-17 Acquired: 7/5/2018 17:11:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663919	.0135280	.2236322	-.017672	.0055443	92.65592	1.976313
Stddev	.0005383	.0014218	.0037794	.004751	.0010758	.21629	.001971
%RSD	.8108301	10.51029	1.689999	26.88593	19.40443	.2334288	.0997392

#1	.0659798	.0139138	.2193415	-.012217	.0044048	92.71510	1.975992
#2	.0661948	.0147171	.2264675	-.020903	.0065425	92.83645	1.978425
#3	.0670010	.0119530	.2250876	-.019897	.0056857	92.41620	1.974522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079904	.0798688	36.57321	.1205203	.1192968	.1984206	155.4556
Stddev	.0000538	.0003385	.08549	.0006500	.0002452	.0024560	.4303
%RSD	.6732872	.4238255	.2337449	.5393493	.2055105	1.237796	.2768018

#1	.0080354	.0795093	36.61809	.1206618	.1190534	.1991663	155.7911
#2	.0080049	.0799155	36.62692	.1198112	.1192934	.1956782	155.6053
#3	.0079308	.0801814	36.47463	.1210879	.1195437	.2004174	154.9704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.773188	29.24271	.2177240	-.000019	.6491948	.2635325	3.842728
Stddev	.022883	.20327	.0006629	.000388	.1170211	.0027082	.008983
%RSD	.2943817	.6951192	.3044569	1994.484	18.02558	1.027669	.2337599

#1	7.787622	29.32796	.2174611	.000421	.7479018	.2646913	3.852408
#2	7.785139	29.38948	.2184780	-.000308	.5199248	.2654686	3.841117
#3	7.746804	29.01070	.2172329	-.000172	.6797577	.2604377	3.834661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.00235	6.523660	.0086200	.0024235	1.406321	14.01714	.0045515
Stddev	.10126	.047208	.0002248	.0001322	.011351	.06978	.0011209
%RSD	.5624977	.7236446	2.608171	5.454155	.8071331	.4978450	24.62627

#1	18.08093	6.474337	.0084364	.0023062	1.404044	14.00061	.0058458
#2	18.03804	6.568423	.0088708	.0025667	1.418637	14.09371	.0039058
#3	17.88807	6.528221	.0085529	.0023975	1.396281	13.95711	.0039029

Sample Name: J3784-17 Acquired: 7/5/2018 17:11:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7834620	.0902382	.2871642
Stddev	.0031703	.0009872	.0002910
%RSD	.4046562	1.093962	.1013356

#1	.7806836	.0912111	.2872660
#2	.7869155	.0902662	.2873906
#3	.7827869	.0892373	.2868360

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.236	2629.589	54128.92	6112.209	2819.922
Stddev	2.474	8.434	104.84	37.371	5.904
%RSD	.1252263	.3207270	.1936779	.6114222	.2093717

#1	1976.597	2626.170	54041.27	6107.461	2821.533
#2	1972.381	2639.196	54100.43	6077.439	2824.853
#3	1976.730	2623.402	54245.05	6151.728	2813.379

Sample Name: J3784-18 Acquired: 7/5/2018 17:15:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0700439	.0103666	.2666178	-.015595	.0014147	76.05220	1.780069
Stddev	.0030059	.0008257	.0009838	.003123	.0020372	.43300	.004829
%RSD	4.291382	7.964864	.3689980	20.02799	144.0015	.5693509	.2713043

#1	.0711659	.0099450	.2656628	-.018689	.0022731	75.55430	1.774512
#2	.0723274	.0113179	.2676281	-.015653	.0028823	76.34072	1.783251
#3	.0666385	.0098368	.2665625	-.012443	-.000911	76.26157	1.782444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065666	.0932971	33.79016	.1026050	.0833068	.1866242	133.6102
Stddev	.0000870	.0004214	.19869	.0012337	.0003198	.0021989	.8364
%RSD	1.324755	.4516535	.5880181	1.202418	.3838826	1.178268	.6259820

#1	.0065104	.0928908	33.59906	.1017427	.0836690	.1842968	132.6747
#2	.0065226	.0932685	33.99566	.1040182	.0831881	.1886669	134.2857
#3	.0066668	.0937321	33.77575	.1020542	.0830633	.1869090	133.8702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.086693	23.72794	.2024395	.0006827	.5757962	.2080118	4.465054
Stddev	.041022	.19591	.0006112	.0004650	.1472944	.0056670	.014308
%RSD	.6739658	.8256552	.3019174	68.11094	25.58100	2.724380	.3204529

#1	6.052589	23.50244	.2020824	.0003493	.7209989	.2036929	4.449575
#2	6.132214	23.82510	.2020908	.0012138	.5798943	.2144287	4.467793
#3	6.075275	23.85629	.2031452	.0004848	.4264955	.2059138	4.477796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.39937	8.545319	.0056926	.0026424	1.760927	16.50883	.0526551
Stddev	.13497	.037700	.0051373	.0001447	.017681	.07498	.0013951
%RSD	.6957455	.4411826	90.24537	5.474391	1.004077	.4541645	2.649496

#1	19.25817	8.532002	-.000021	.0027048	1.757579	16.46941	.0510447
#2	19.52710	8.516085	.009930	.0027454	1.745160	16.59529	.0534237
#3	19.41283	8.587871	.007169	.0024770	1.780043	16.46178	.0534968

Sample Name: J3784-18 Acquired: 7/5/2018 17:15:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7875796	.0684286	.2737252
Stddev	.0070531	.0014768	.0011276
%RSD	.8955396	2.158118	.4119453

#1	.7803185	.0687699	.2724262
#2	.7944044	.0668111	.2744507
#3	.7880158	.0697048	.2742988

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.973	2591.984	53224.77	6004.408	2856.828
Stddev	7.420	9.151	69.67	15.874	11.655
%RSD	.3832872	.3530672	.1308946	.2643728	.4079626

#1	1928.088	2598.205	53198.01	6017.259	2863.493
#2	1942.819	2596.271	53172.44	5986.663	2863.620
#3	1937.013	2581.476	53303.85	6009.303	2843.370

Sample Name: J3784-19 Acquired: 7/5/2018 17:19:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815681	.0057060	.2620700	-.016831	.0047015	89.59359	2.033303
Stddev	.0022482	.0005736	.0012633	.008899	.0003599	.20950	.004855
%RSD	2.756172	10.05238	.4820334	52.87299	7.654642	.2338346	.2387720

#1	.0822023	.0050771	.2607003	-.023268	.0051102	89.70299	2.030860
#2	.0834311	.0058408	.2631893	-.006676	.0045622	89.72574	2.038895
#3	.0790710	.0062003	.2623202	-.020548	.0044320	89.35203	2.030155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073636	.0610985	32.59483	.1164460	.1052677	.1896601	152.7324
Stddev	.0000957	.0003039	.13531	.0003589	.0007057	.0005468	.2008
%RSD	1.299200	.4973796	.4151206	.3082045	.6703963	.2882860	.1314842

#1	.0073412	.0610255	32.71707	.1162150	.1044982	.1894712	152.8549
#2	.0074685	.0608378	32.61798	.1168595	.1054203	.1892328	152.8417
#3	.0072811	.0614323	32.44944	.1162637	.1058846	.1902763	152.5006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.786764	26.69713	.2159506	.0000592	.5623943	.2320179	2.974945
Stddev	.019570	.10062	.0015069	.0003331	.1552814	.0049059	.019873
%RSD	.2883515	.3769060	.6977865	562.4053	27.61076	2.114461	.6679963

#1	6.806115	26.64164	.2176429	-.000155	.3841812	.2340222	2.983510
#2	6.787195	26.63648	.2147541	.000443	.6344025	.2356044	2.952226
#3	6.766983	26.81329	.2154548	-.000110	.6685993	.2264272	2.989099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.98287	7.685235	.0106290	.0021163	1.372018	14.79291	.0061458
Stddev	.02963	.032362	.0022179	.0000549	.005056	.08196	.0004823
%RSD	.1561004	.4210995	20.86657	2.595258	.3685121	.5540187	7.848399

#1	19.01211	7.655713	.0111480	.0021778	1.371539	14.83628	.0066114
#2	18.98365	7.680155	.0081976	.0020722	1.367219	14.84407	.0056482
#3	18.95286	7.719837	.0125414	.0020989	1.377297	14.69838	.0061779

Sample Name: J3784-19 Acquired: 7/5/2018 17:19:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME1KF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8134898	.0799320	.3010687
Stddev	.0015625	.0006518	.0009048
%RSD	.1920734	.8154719	.3005170

#1	.8122917	.0796399	.3014537
#2	.8129205	.0806787	.3017173
#3	.8152571	.0794772	.3000351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.694	2622.756	54034.78	6119.577	2837.061
Stddev	9.424	9.443	139.10	24.487	9.084
%RSD	.4799050	.3600589	.2574220	.4001425	.3201832

#1	1962.376	2630.022	54185.66	6104.637	2841.855
#2	1973.708	2626.164	53911.64	6106.257	2842.744
#3	1954.999	2612.081	54007.04	6147.837	2826.585

Sample Name: J3784-20 Acquired: 7/5/2018 17:23:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219744	.0074215	1.300546	-.019464	.0052208	90.55495	2.005974
Stddev	.0025988	.0002500	.003743	.004301	.0006050	.14450	.005394
%RSD	2.130625	3.368464	.2877974	22.09709	11.58859	.1595729	.2689130

#1	.1223050	.0074941	1.300580	-.016439	.0059071	90.54584	2.012142
#2	.1192261	.0076272	1.296787	-.017565	.0049908	90.70379	2.002140
#3	.1243921	.0071433	1.304272	-.024387	.0047646	90.41522	2.003641

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079828	.1723252	40.07509	.1278938	.1032265	.4003199	159.0574
Stddev	.0000447	.0009481	.23588	.0008127	.0005848	.0021843	.5790
%RSD	.5599175	.5501982	.5886011	.6354251	.5664994	.5456298	.3640189

#1	.0079337	.1719800	40.00049	.1273157	.1032620	.3979857	159.1191
#2	.0079933	.1715981	40.33925	.1275427	.1026248	.4006597	159.6031
#3	.0080213	.1733976	39.88552	.1288230	.1037928	.4023144	158.4500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.945989	27.54999	.1843394	.0018325	.5397559	.2409932	6.048140
Stddev	.026606	.22102	.0004030	.0001324	.0345299	.0019804	.029915
%RSD	.3830447	.8022478	.2186305	7.227948	6.397318	.8217523	.4946219

#1	6.943854	27.35839	.1840155	.0018847	.5576445	.2432680	6.081762
#2	6.973599	27.79179	.1842119	.0016819	.4999520	.2400575	6.024467
#3	6.920515	27.49980	.1847907	.0019309	.5616712	.2396540	6.038190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.36904	11.81491	.0146752	.0060399	2.928379	15.94494	.0179659
Stddev	.07189	.07454	.0015454	.0003976	.026983	.05952	.0015714
%RSD	.3364353	.6308691	10.53084	6.582887	.9214276	.3732607	8.746468

#1	21.34197	11.81247	.0160929	.0059812	2.929558	15.87691	.0164146
#2	21.45054	11.74162	.0149048	.0056750	2.900827	15.98741	.0179264
#3	21.31462	11.89064	.0130278	.0064637	2.954754	15.97049	.0195566

Sample Name: J3784-20 Acquired: 7/5/2018 17:23:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7628236	.0846433	.3121513
Stddev	.0072952	.0017339	.0005590
%RSD	.9563352	2.048489	.1790745

#1	.7603821	.0840467	.3127960
#2	.7710263	.0865967	.3118543
#3	.7570623	.0832864	.3118034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.660	2598.849	53615.82	6063.741	2819.258
Stddev	6.799	8.249	121.89	12.691	7.601
%RSD	.3480163	.3174159	.2273423	.2092960	.2696142

#1	1946.539	2600.127	53475.37	6075.164	2816.867
#2	1960.083	2606.385	53694.06	6050.080	2827.767
#3	1954.359	2590.035	53678.01	6065.979	2813.140

Sample Name: J3784-21 Acquired: 7/5/2018 17:27:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1480666	.0052284	.5677804	-.016498	.0030920	82.69921	1.913882
Stddev	.0025305	.0033871	.0007003	.006481	.0007252	.07192	.003601
%RSD	1.709018	64.78228	.1233338	39.28305	23.45376	.0869644	.1881427

#1	.1509225	.0017896	.5669742	-.009287	.0036309	82.77794	1.915487
#2	.1471736	.0053345	.5681286	-.018369	.0022675	82.68273	1.909757
#3	.1461038	.0085613	.5682382	-.021837	.0033775	82.63696	1.916400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073032	.1403914	32.57079	.1155349	.0834010	.2919287	145.0393
Stddev	.0001097	.0008220	.10557	.0007395	.0007516	.0025987	.4572
%RSD	1.502445	.5855337	.3241297	.6400658	.9011237	.8901687	.3152568

#1	.0072511	.1400315	32.66849	.1156889	.0831191	.2936985	145.2338
#2	.0074293	.1398108	32.58508	.1161853	.0828311	.2931423	145.3670
#3	.0072292	.1413320	32.45880	.1147306	.0842527	.2889452	144.5169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.996433	25.40078	.1740907	.0003579	.8475797	.2238206	4.883283
Stddev	.023642	.02477	.0007162	.0001619	.3039350	.0050905	.044179
%RSD	.3942616	.0975153	.4113842	45.23291	35.85916	2.274363	.9047074

#1	6.015720	25.37593	.1734559	.0005424	.6668370	.2242816	4.934297
#2	6.003521	25.42547	.1748671	.0002911	1.198480	.2185153	4.857873
#3	5.970058	25.40095	.1739491	.0002400	.677422	.2286649	4.857680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.07180	9.648585	.0136301	.0044119	1.774079	16.53112	.0100704
Stddev	.04758	.031663	.0019327	.0002982	.002045	.07363	.0004768
%RSD	.2370287	.3281656	14.17953	6.759981	.1152574	.4453814	4.734233

#1	20.09977	9.625145	.0146623	.0047541	1.776260	16.44812	.0103576
#2	20.09876	9.636005	.0148274	.0042074	1.773772	16.58856	.0095200
#3	20.01687	9.684605	.0114004	.0042742	1.772205	16.55668	.0103334

Sample Name: J3784-21 Acquired: 7/5/2018 17:27:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7835881	.0740141	.2622091
Stddev	.0012424	.0008972	.0005752
%RSD	.1585573	1.212177	.2193622

#1	.7849789	.0742622	.2628488
#2	.7831975	.0730189	.2617347
#3	.7825879	.0747611	.2620438

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.756	2568.791	52894.71	6000.432	2811.257
Stddev	4.937	5.731	159.52	37.121	9.541
%RSD	.2562084	.2230911	.3015858	.6186355	.3393891

#1	1925.872	2575.227	52861.63	6036.228	2814.545
#2	1922.321	2566.910	52754.32	5962.115	2818.720
#3	1932.074	2564.238	53068.17	6002.953	2800.507

Sample Name: J3784-22 Acquired: 7/5/2018 17:31:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743400	.0068986	.3274877	-.016797	.0039361	86.22552	2.067913
Stddev	.0061197	.0017333	.0019704	.004010	.0019386	.17728	.002093
%RSD	8.231980	25.12578	.6016810	23.87498	49.25224	.2055971	.1012230

#1	.0673409	.0049209	.3252616	-.018636	.0054844	86.21564	2.066178
#2	.0769973	.0076211	.3281933	-.019558	.0045620	86.05339	2.067323
#3	.0786819	.0081538	.3290081	-.012197	.0017618	86.40753	2.070238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077908	.0663649	35.62206	.1206474	.1078782	.2253003	151.5639
Stddev	.0000502	.0003303	.14780	.0007213	.0005657	.0037650	.5741
%RSD	.6440431	.4976463	.4149018	.5978710	.5243584	1.671097	.3787817

#1	.0077810	.0659960	35.69175	.1198384	.1073609	.2278560	152.1696
#2	.0077462	.0666331	35.72214	.1212237	.1077914	.2270681	151.0278
#3	.0078451	.0664656	35.45231	.1208800	.1084822	.2209767	151.4942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.951824	27.66561	.2402646	.0003598	1.157277	.2277342	3.805519
Stddev	.000884	.17752	.0015132	.0002225	.120389	.0016290	.005496
%RSD	.0111118	.6416460	.6297936	61.84366	10.40278	.7152925	.1444114

#1	7.951100	27.82416	.2385193	.0004850	1.270838	.2258533	3.805786
#2	7.951563	27.47383	.2412096	.0004914	1.031060	.2286771	3.799894
#3	7.952808	27.69885	.2410648	.0001029	1.169932	.2286723	3.810875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.89168	8.351284	.0118767	.0031119	1.792683	16.43173	.0057577
Stddev	.02067	.045740	.0036661	.0003604	.009216	.01445	.0007149
%RSD	.1155503	.5477011	30.86755	11.57994	.5141112	.0879676	12.41665

#1	17.87367	8.307084	.0137154	.0033147	1.782555	16.44597	.0058612
#2	17.88711	8.348346	.0076552	.0026958	1.800576	16.41708	.0049966
#3	17.91426	8.398422	.0142596	.0033251	1.794920	16.43215	.0064152

Sample Name: J3784-22 Acquired: 7/5/2018 17:31:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME1KG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7677805	.0839684	.3182702
Stddev	.0004654	.0015895	.0001281
%RSD	.0606182	1.892982	.0402531

#1	.7682408	.0828883	.3181642
#2	.7677905	.0857935	.3182339
#3	.7673102	.0832232	.3184126

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.349	2621.186	53915.85	6089.182	2811.141
Stddev	6.675	6.112	150.00	21.172	6.213
%RSD	.3394807	.2331770	.2782064	.3476964	.2210045

#1	1960.135	2614.223	53788.94	6068.490	2818.255
#2	1965.507	2625.665	53877.22	6110.804	2808.382
#3	1973.405	2623.670	54081.38	6088.252	2806.785

Sample Name: CCV057 Acquired: 7/5/2018 17:35:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.316602	5.185233	25.84331	5.123918	5.288380	400.0161
Stddev	.020064	.017136	.08901	.034234	.014167	.6109
%RSD	.3773815	.3304685	.3444334	.6681286	.2678854	.1527286

#1	5.299523	5.167724	25.76983	5.152594	5.279386	400.2311
#2	5.311584	5.186006	25.81780	5.133145	5.281043	399.3267
#3	5.338698	5.201969	25.94229	5.086016	5.304710	400.4903

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77178	.5195256	2.505724	415.1769	15.87498	2.633485
Stddev	.01983	.0027624	.003418	2.8154	.00674	.006781
%RSD	.1840735	.5317238	.1364033	.6781273	.0424355	.2574965

#1	10.77015	.5219881	2.503221	416.7636	15.88073	2.628283
#2	10.79237	.5165384	2.504333	411.9262	15.87664	2.631018
#3	10.75282	.5200504	2.509618	416.8408	15.86757	2.641155

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34520	399.3743	16.01184	405.3986	2.597611	1.324463
Stddev	.03345	1.8774	.12853	2.2646	.008695	.003858
%RSD	.2046329	.4700854	.8026923	.5586150	.3347285	.2912572

#1	16.32785	399.2986	16.01996	406.4516	2.589708	1.324694
#2	16.32399	397.5359	15.87945	402.7992	2.596199	1.320495
#3	16.38376	401.2884	16.13612	406.9450	2.606925	1.328200

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.9088	2.692235	16.28419	162.5394	F 9.525055	5.197008
Stddev	1.5181	.006271	.11480	.2928	.026362	.045986
%RSD	.3844301	.2329472	.7049971	.1801230	.2767623	.8848600

#1	396.2752	2.686350	16.15326	162.6907	9.530619	5.231512
#2	393.2745	2.691522	16.33168	162.2019	9.496356	5.144801
#3	395.1766	2.698833	16.36763	162.7255	9.548191	5.214710

Sample Name: CCV057 Acquired: 7/5/2018 17:35:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.086461	5.395653	5.301140	5.230384	5.391243	5.372188
Stddev	.003057	.006153	.031850	.023809	.017430	.013394
%RSD	.0600978	.1140274	.6008135	.4552030	.3232981	.2493268

#1	5.086457	5.401903	5.322478	5.212656	5.402711	5.384309
#2	5.083405	5.389603	5.264530	5.221050	5.371185	5.374448
#3	5.089519	5.395453	5.316412	5.257445	5.399831	5.357808

Elem	Sr4077
Units	ppm
Avg	5.413652
Stddev	.011604
%RSD	.2143534

#1	5.416551
#2	5.400873
#3	5.423532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.624	1918.335	41422.14	4884.870	2239.315
Stddev	6.080	2.246	140.17	28.845	5.350
%RSD	.4208759	.1170901	.3383878	.5905047	.2389135

#1	1446.243	1920.843	41533.20	4867.796	2244.849
#2	1449.731	1917.654	41468.56	4918.175	2238.926
#3	1437.899	1916.508	41264.65	4868.640	2234.170

Sample Name: CCB057 Acquired: 7/5/2018 17:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002819	.0019906	-.000098	.0041746	.0002977	.0055332
Stddev	.001271	.0024586	.000165	.0026848	.0021083	.0093236
%RSD	45.10591	123.5124	168.6643	64.31251	708.2125	168.5037

#1	-.002052	-.000817	-.000217	.0064734	.0000837	.0119633
#2	-.002118	.003759	-.000167	.0012239	-.001695	-.005160
#3	-.004286	.003030	.000090	.0048265	.002505	.009796

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003445	.0000022	.0000472	.0154129	-.000613	.0002289
Stddev	.000622	.0000336	.0000836	.0044421	.000484	.0000439
%RSD	18.05205	1522.143	177.0687	28.82079	79.02115	19.18712

#1	-.003230	-.000027	.0001392	.0123634	-.000973	.0001782
#2	-.004145	-.000005	.0000263	.0205095	-.000804	.0002536
#3	-.002959	.000039	-.000024	.0133659	-.000062	.0002549

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042651	.0035535	-.001587	-.008682	.0001218	.0011082
Stddev	.0008756	.0072705	.000893	.036476	.0003046	.0004095
%RSD	20.53049	204.6008	56.25489	420.1386	249.9977	36.95456

#1	.0033496	.0119464	-.002359	-.048739	.0000669	.0010326
#2	.0043510	-.000811	-.001792	.022619	.0004501	.0015503
#3	.0050946	-.000475	-.000609	.000074	-.000152	.0007418

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.387107	.0019151	.0116415	.1575364	-.001681	F -.013625
Stddev	.152057	.0034569	.0010639	.0333874	.003022	.001610
%RSD	39.28042	180.5048	9.138732	21.19345	179.7855	11.81927

#1	-.217604	.0057435	.0120882	.1815818	-.001080	-.011983
#2	-.432197	-.000978	.0124093	.1716112	.000996	-.015201
#3	-.511520	.000980	.0104271	.1194161	-.004959	-.013691

Sample Name: CCB057 Acquired: 7/5/2018 17:39:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v592) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002531	-.048076	-.005510	.0002718	-.001475	-.001541
Stddev	.0000085	.004498	.001827	.0008434	.001256	.001494
%RSD	3.368917	9.355218	33.15229	310.3684	85.15259	96.90675

#1	.0002484	-.048571	-.003583	.0008180	-.001057	-.003224
#2	.0002480	-.052305	-.007216	-.000700	-.000482	-.001027
#3	.0002630	-.043351	-.005729	.000697	-.002887	-.000373

Elem	Sr4077
Units	ppm
Avg	-.000151
Stddev	.000065
%RSD	43.16547

#1	-.000087
#2	-.000148
#3	-.000217

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.652	2270.014	46617.36	5159.603	2951.592
Stddev	10.243	3.873	205.42	25.384	11.563
%RSD	.5984164	.1705999	.4406549	.4919701	.3917431

#1	1723.197	2272.760	46827.37	5155.120	2954.340
#2	1708.109	2271.697	46607.86	5186.930	2961.534
#3	1703.652	2265.585	46416.86	5136.760	2938.903