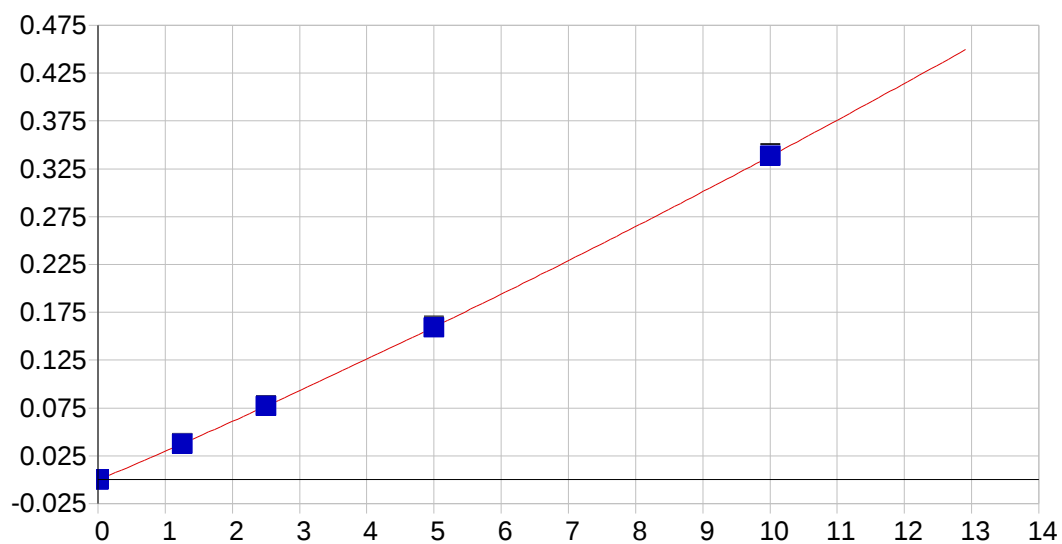




As 189.042 {479}

Date of Fit: 6/27/2018 13:13:57

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000106

Re-Slope: 1.000000

A1 (Gain): 0.029605

Y-int: 0.000000

A2 (Curvature): 0.000257

n (Exponent): 1.020000

Correlation: 0.999986

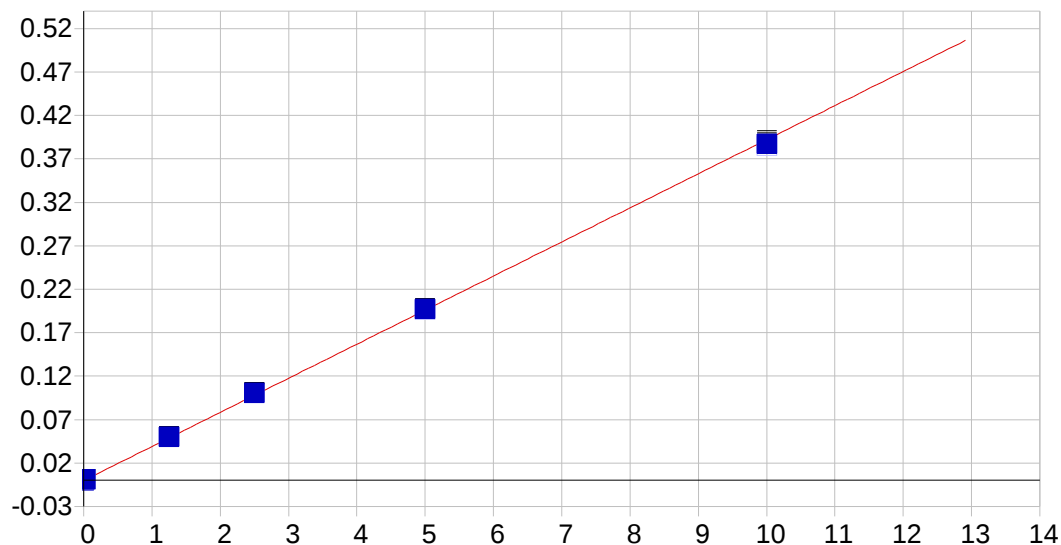
Status: Warning Positive Curvature

Std Error of Est: 0.000004

Predicted MDL: 0.005578

Predicted MQL: 0.018592

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.00756	-.002	-24.4	.00010	.000	1
S2	1.2500	1.2566	.007	.527	.03776	.000	1
S3	2.5000	2.5055	.006	.221	.07730	.001	1
S4	5.0000	4.9856	-.014	-.288	.15948	.001	1
S5	10.000	10.005	.005	.046	.33898	.002	1

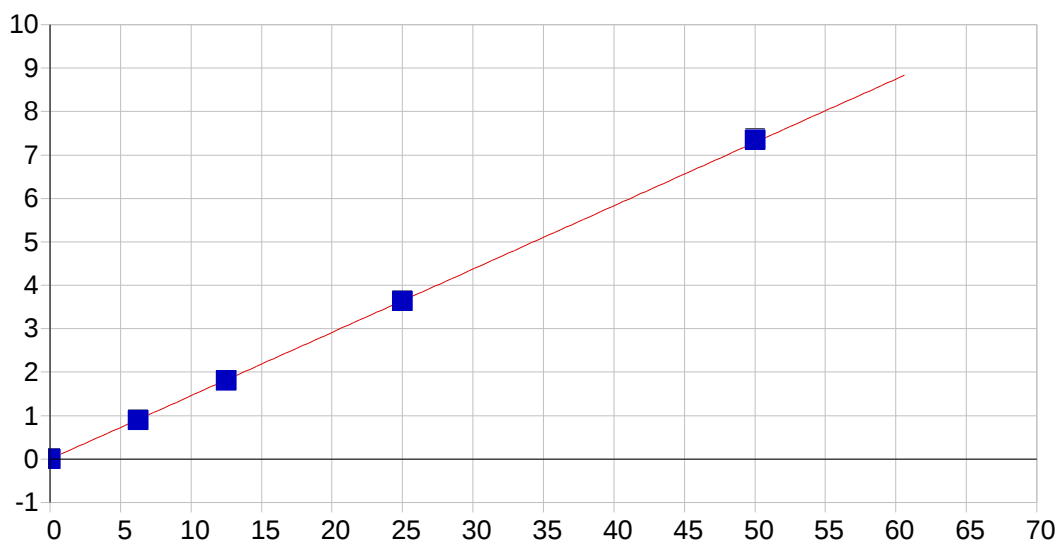


TI 190.856 {477}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000175 Re-Slope: 1.000000
 A1 (Gain): 0.039226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.003092
 Predicted MQL: 0.010308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02500	.02483	.000	-.700	.00078	.000	1
S2	1.2500	1.2813	.031	2.50	.04979	.000	1
S3	2.5000	2.5678	.068	2.71	.09996	.001	1
S4	5.0000	5.0289	.029	.577	.19590	.000	1
S5	10.000	9.8722	-.128	-1.28	.38470	.004	1

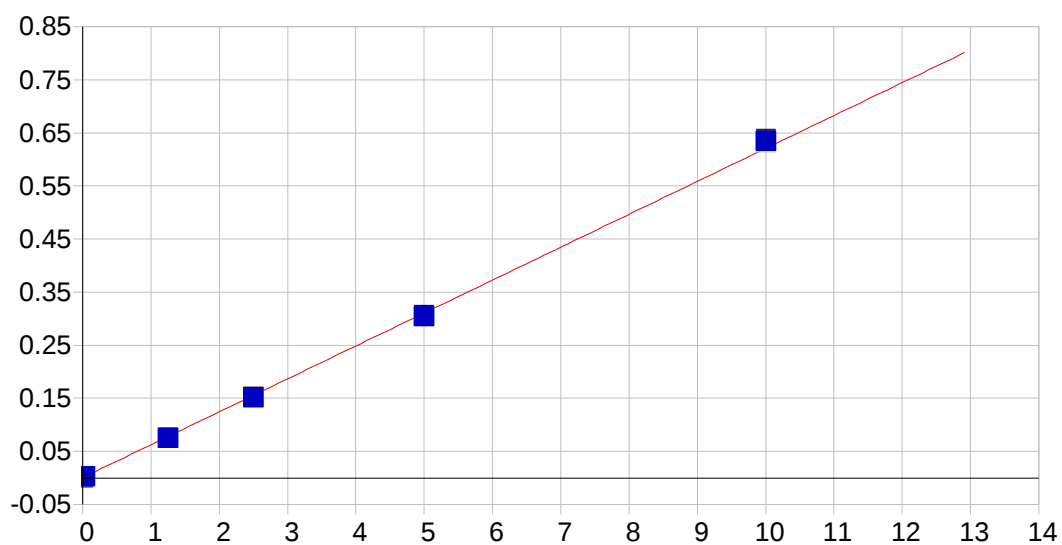


Pb 220.353 {453}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000400 Re-Slope: 1.000000
 A1 (Gain): 0.145794 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.002132
 Predicted MQL: 0.007106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.01000	.01279	.003	27.9	.00147	.000	1
S2	6.2500	6.1022	-.148	-2.37	.89068	.003	1
S3	12.500	12.335	-.165	-1.32	1.8008	.007	1
S4	25.000	24.892	-.108	-.434	3.6343	.005	1
S5	50.000	50.419	.419	.837	7.3617	.013	1



Date of Fit: 6/27/2018 13:13:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000674

Re-Slope: 1.000000

A1 (Gain): 0.061998

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999689

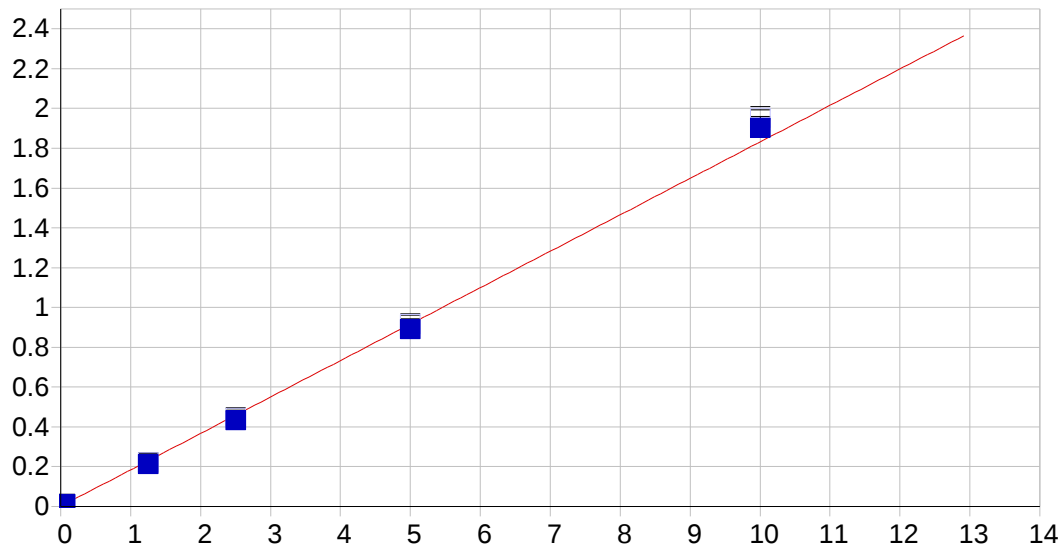
Status: OK.

Std Error of Est: 0.000048

Predicted MDL: 0.004147

Predicted MQL: 0.013823

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00067	.001	1
S1	.03500	.03093	-.004	-11.6	.00259	.000	1
S2	1.2500	1.1992	-.051	-4.06	.07466	.000	1
S3	2.5000	2.4286	-.071	-2.86	.15052	.001	1
S4	5.0000	4.9015	-.098	-1.97	.30311	.002	1
S5	10.000	10.225	.225	2.25	.63168	.004	1

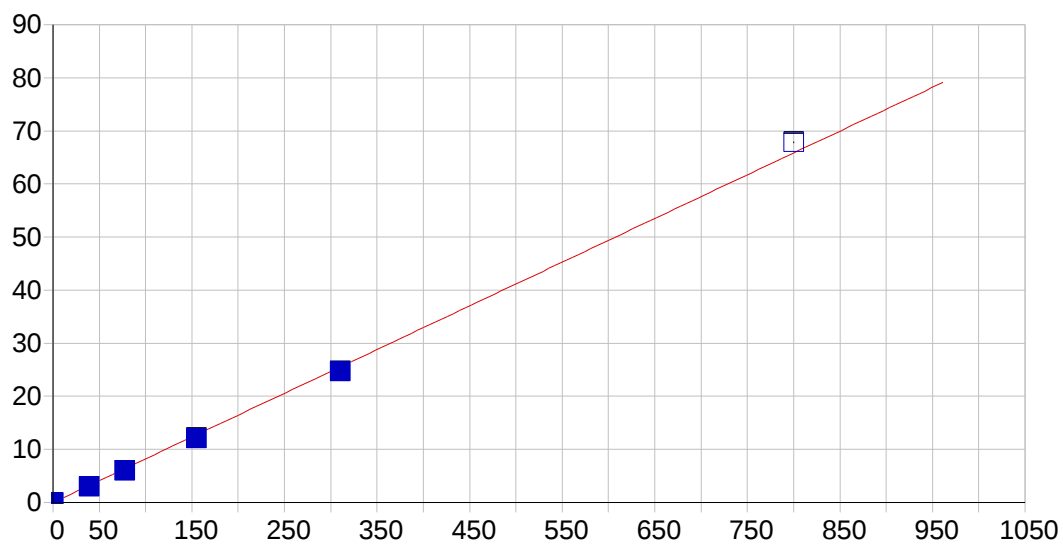


Sb 206.833 {463}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000673 Re-Slope: 1.000000
 A1 (Gain): 0.183127 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999158 Status: OK.
 Std Error of Est: 0.000318
 Predicted MDL: 0.001839
 Predicted MQL: 0.006130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00067	.000	1
S1	.06000	.06022	.000	.359	.01170	.000	1
S2	1.2500	1.1624	-.088	-7.01	.21977	.002	1
S3	2.5000	2.3532	-.147	-5.87	.44408	.002	1
S4	5.0000	4.8542	-.146	-2.92	.91454	.003	1
S5	10.000	10.380	.380	3.80	1.9514	.008	1

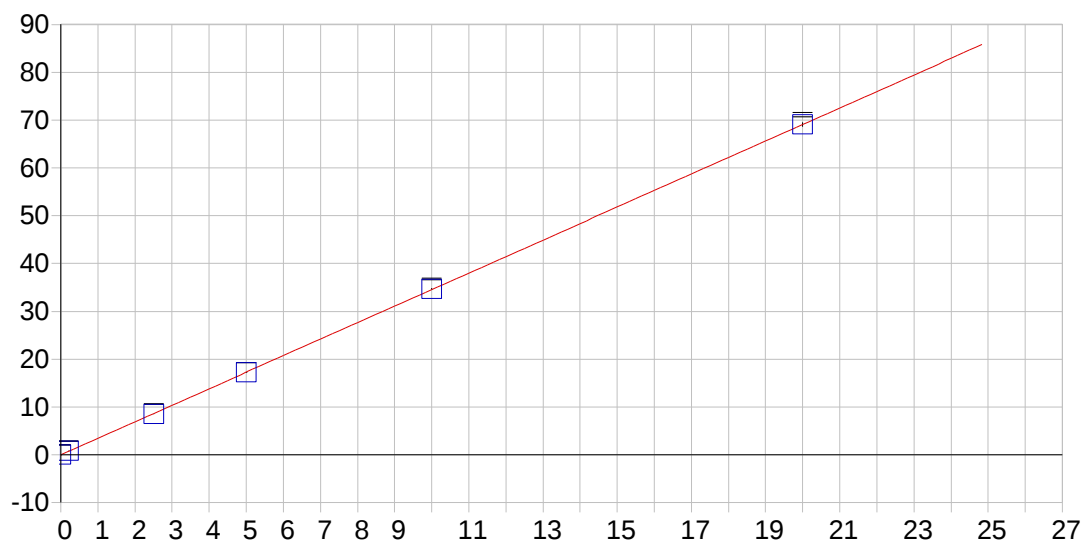


AI 396.152 { 85}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001282 Re-Slope: 1.000000
 A1 (Gain): 0.082301 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999310 Status: OK.
 Std Error of Est: 0.001903
 Predicted MDL: 0.011787
 Predicted MQL: 0.039289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00128	.001	1
S1	.20000	.21476	.015	7.38	.01898	.001	1
S2	38.750	36.109	-2.64	-6.81	2.9761	.014	1
S3	77.500	72.855	-4.64	-5.99	6.0033	.007	1
S4	155.00	147.08	-7.92	-5.11	12.118	.058	1
S5	310.00	300.57	-9.43	-3.04	24.762	.045	1
S6	800.00	824.65	24.6	3.08	67.870	.161	1

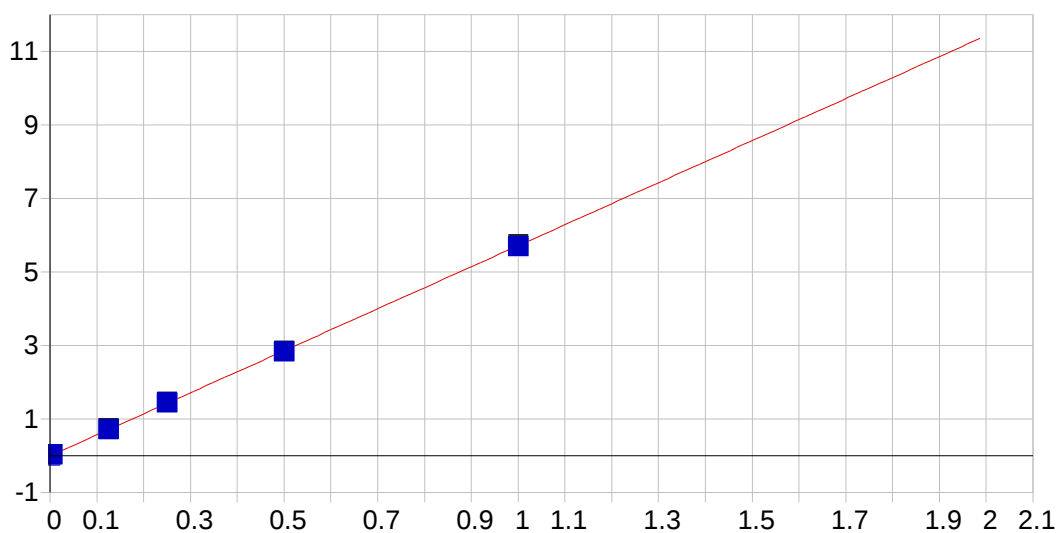


Ba 493.409 { 68}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.015794 Re-Slope: 1.000000
 A1 (Gain): 3.455567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.002943
 Predicted MDL: 0.000887
 Predicted MQL: 0.002957

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.01585	.003	1
S1	.20000	.21837	.018	9.19	.73881	.002	1
S2	2.5000	2.4656	-.034	-1.38	8.5043	.039	1
S3	5.0000	4.9844	-.016	-.312	17.208	.022	1
S4	10.000	10.045	.045	.448	34.695	.130	1
S5	20.000	19.987	-.013	-.066	69.050	.478	1

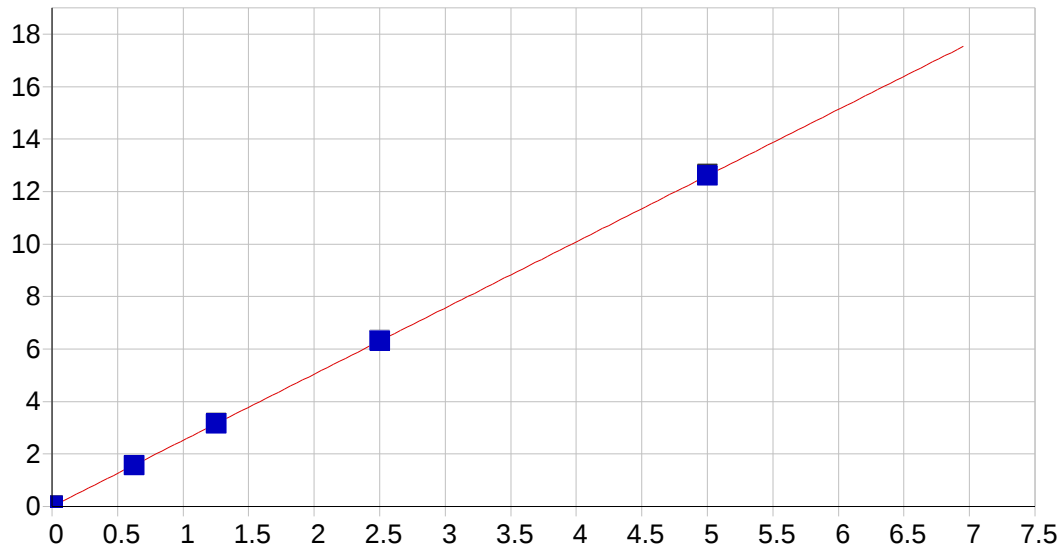


Be 234.861 {144}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002107 Re-Slope: 1.000000
 A1 (Gain): 5.716424 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000190
 Predicted MDL: 0.000083
 Predicted MQL: 0.000278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00211	.000	1
S1	.00500	.00563	.001	12.6	.03006	.001	1
S2	.12500	.12642	.001	1.13	.71742	.008	1
S3	.25000	.25285	.003	1.14	1.4370	.016	1
S4	.50000	.49727	-.003	-.546	2.8280	.011	1
S5	1.0000	.99783	-.002	-.217	5.6769	.037	1

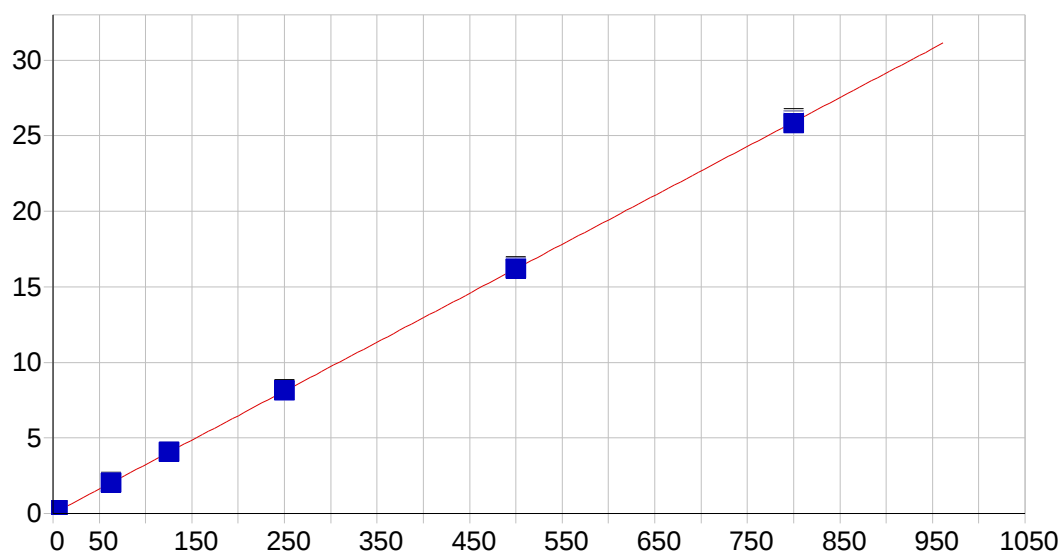


Cd 214.438 {457}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000607 Re-Slope: 1.000000
 A1 (Gain): 2.521228 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.000097
 Predicted MQL: 0.000322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.00500	.00551	.001	10.2	.01450	.000	1
S2	.62500	.61992	-.005	-.813	1.5668	.006	1
S3	1.2500	1.2527	.003	.215	3.1654	.004	1
S4	2.5000	2.5050	.005	.201	6.3293	.013	1
S5	5.0000	4.9968	-.003	-.063	12.625	.039	1



Ca 373.690 { 90}

Date of Fit: 6/27/2018 13:13:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001716

Re-Slope: 1.000000

A1 (Gain): 0.032383

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

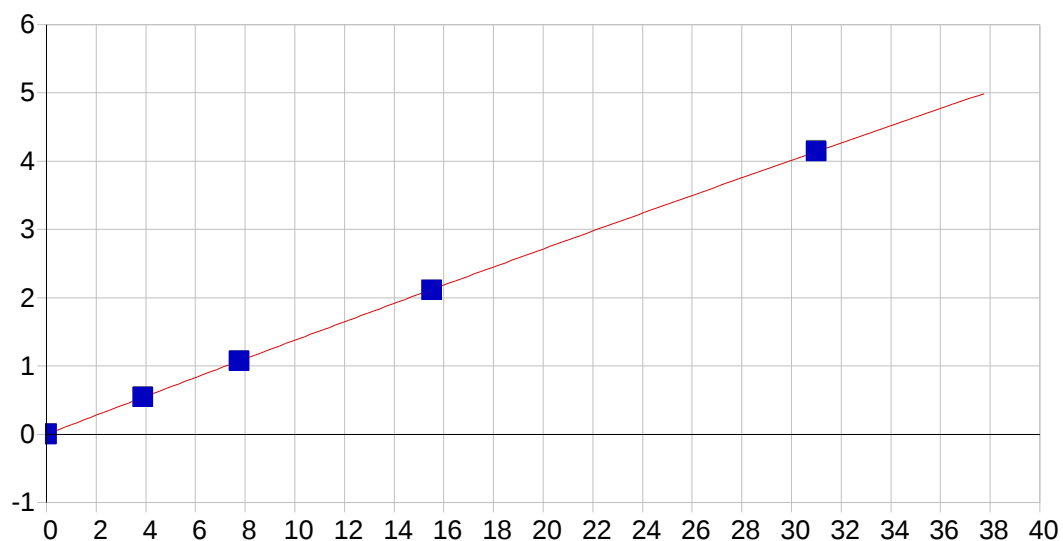
Status: OK.

Std Error of Est: 0.000647

Predicted MDL: 0.021470

Predicted MQL: 0.071567

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00049	.000	.000	.00170	.000	1
S1	5.0000	5.4204	.420	8.41	.17726	.001	1
S2	62.500	62.877	.377	.603	2.0450	.014	1
S3	125.00	126.06	1.06	.850	4.0984	.008	1
S4	250.00	250.60	.603	.241	8.1457	.042	1
S5	500.00	500.20	.200	.040	16.257	.087	1
S6	800.00	797.34	-2.66	-.332	25.975	.171	1

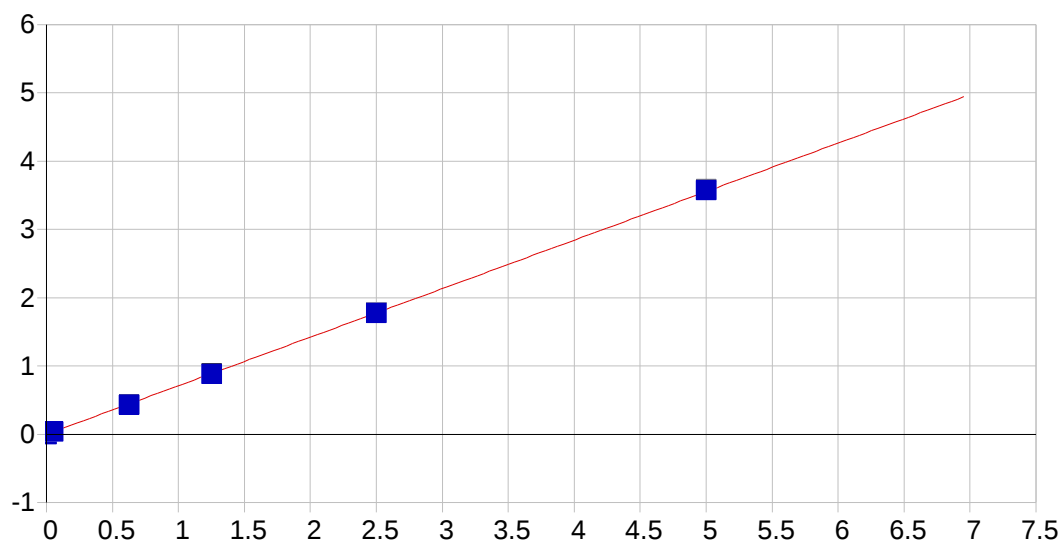


Cr 267.716 {126}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.139738 Y-int: 0.000000
 A2 (Curvature): -0.000199
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.000542
 Predicted MQL: 0.001807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01204	.002	20.4	.00167	.000	1
S2	3.8750	3.9034	.028	.734	.54336	.001	1
S3	7.7500	7.7441	-.006	-.076	1.0721	.001	1
S4	15.500	15.453	-.047	-.301	2.1156	.002	1
S5	31.000	31.022	.022	.072	4.1509	.006	1

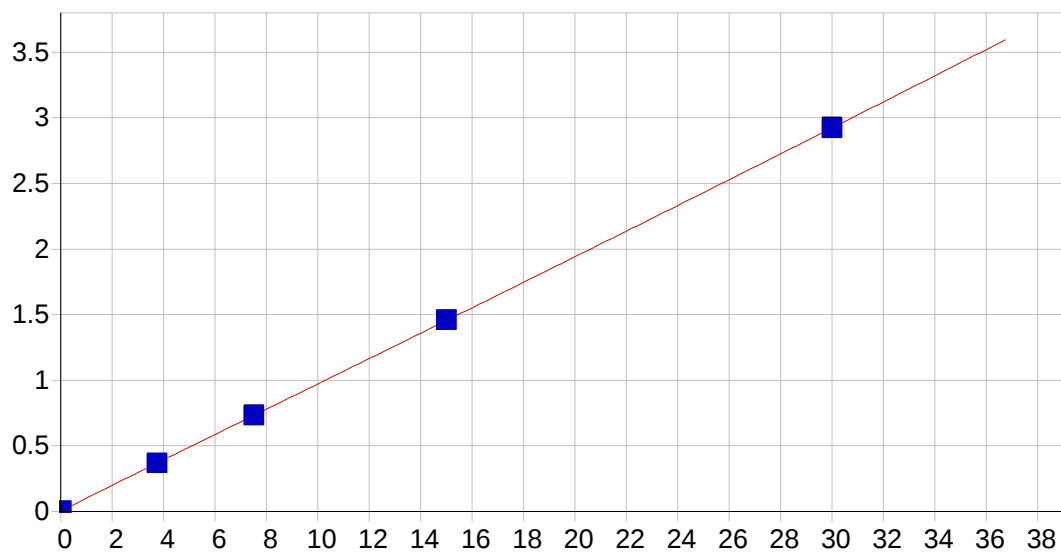


Co 228.616 {448}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.710956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.000331
 Predicted MQL: 0.001104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.05000	.05207	.002	4.14	.03684	.000	1
S2	.62500	.60779	-.017	-2.75	.43268	.002	1
S3	1.2500	1.2383	-.012	-.939	.88180	.003	1
S4	2.5000	2.4979	-.002	-.085	1.7791	.003	1
S5	5.0000	5.0290	.029	.580	3.5821	.008	1

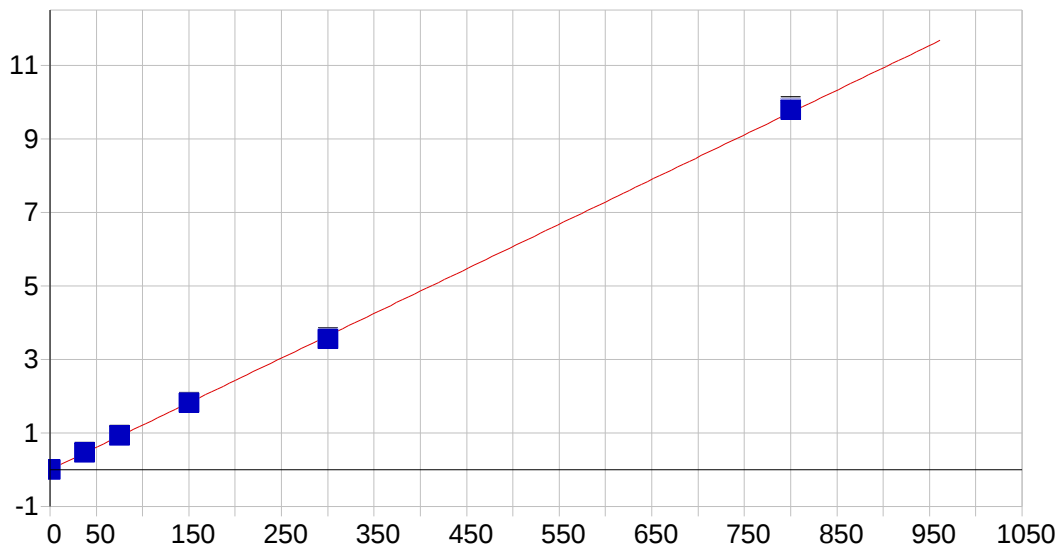


Cu 324.754 {104}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000814 Re-Slope: 1.000000
 A1 (Gain): 0.100381 Y-int: 0.000000
 A2 (Curvature): 0.000138
 n (Exponent): 0.980000
 Correlation: 0.999997 Status: Warning Positive Curvature
 Std Error of Est: 0.000016
 Predicted MDL: 0.004337
 Predicted MQL: 0.014456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.02500	.02691	.002	7.62	.00371	.000	1
S2	3.7500	3.7289	-.021	-.562	.36700	.001	1
S3	7.5000	7.4987	-.001	-.017	.73053	.004	1
S4	15.000	15.035	.035	.236	1.4576	.004	1
S5	30.000	29.985	-.015	-.049	2.9197	.007	1



Fe 259.837 {130}

Date of Fit: 6/27/2018 13:13:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000090

Re-Slope: 1.000000

A1 (Gain): 0.012140

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999901

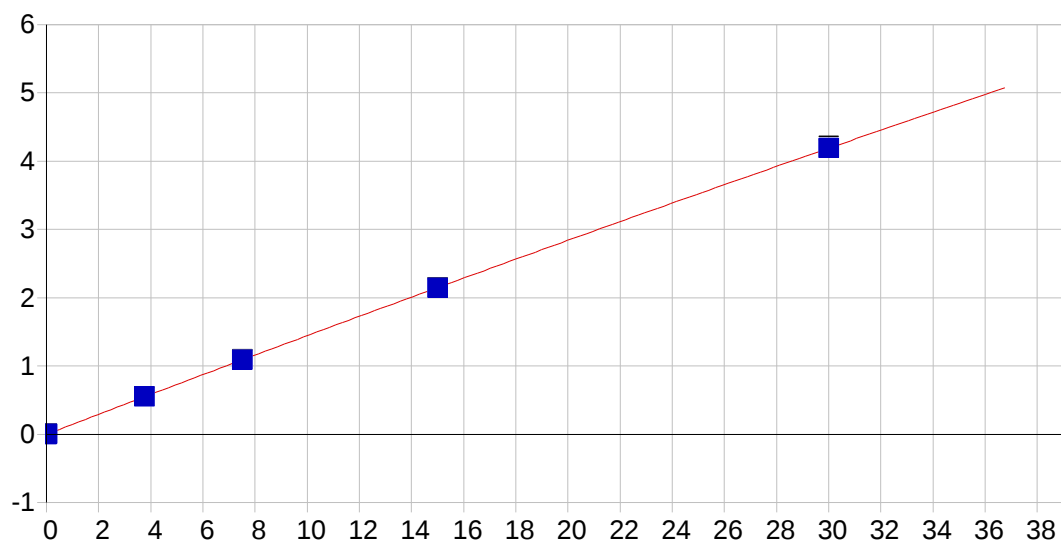
Status: OK.

Std Error of Est: 0.000075

Predicted MDL: 0.018732

Predicted MQL: 0.062439

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00009	.000	1
S1	.10000	.11811	.018	18.1	.00155	.000	1
S2	37.500	38.477	.977	2.61	.46965	.001	1
S3	75.000	76.181	1.18	1.57	.92984	.003	1
S4	150.00	149.38	-.621	-.414	1.8234	.010	1
S5	300.00	292.66	-7.34	-2.45	3.5726	.026	1
S6	800.00	805.79	5.79	.724	9.8268	.054	1

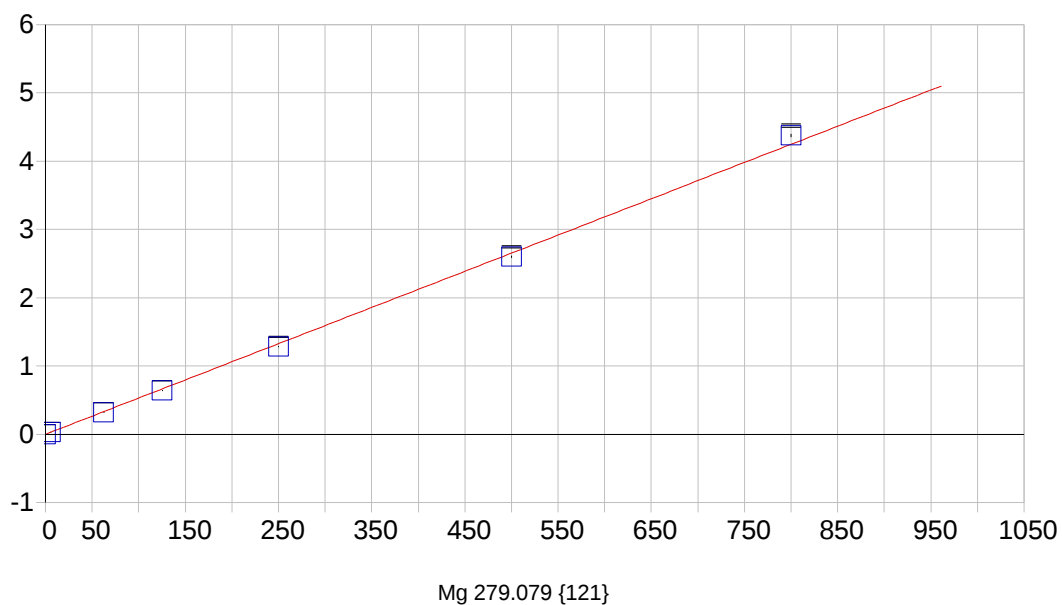


Mn 257.610 {131}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.146808 Y-int: 0.000000
 A2 (Curvature): -0.000238
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001318
 Predicted MQL: 0.004392

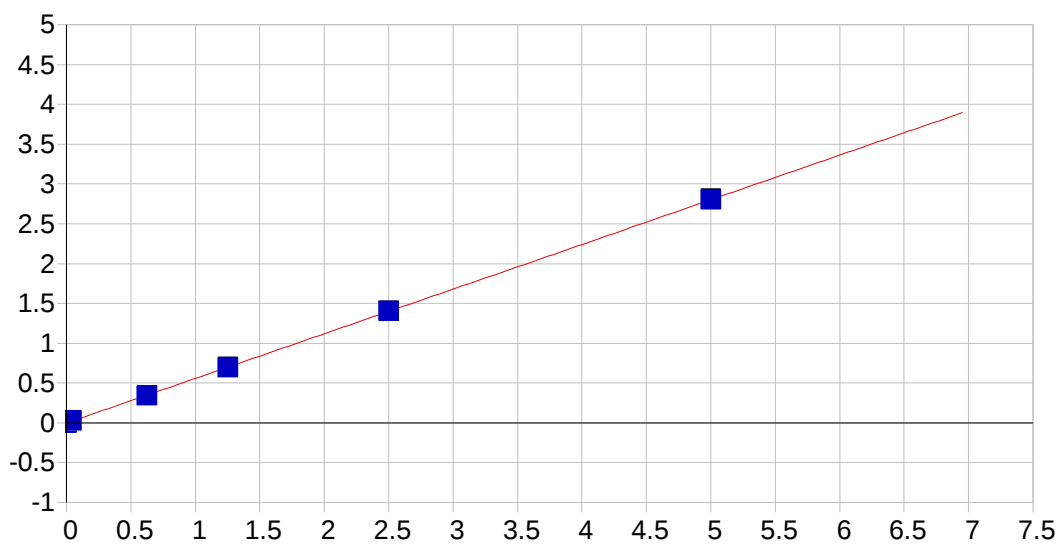
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.01500	.01720	.002	14.7	.00261	.000	1
S2	3.7500	3.7548	.005	.129	.54808	.002	1
S3	7.5000	7.5298	.030	.398	1.0923	.003	1
S4	15.000	14.941	-.059	-.396	2.1408	.010	1
S5	30.000	30.023	.023	.075	4.1938	.026	1



Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000375 Re-Slope: 1.000000
 A1 (Gain): 0.005308 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999568 Status: OK.
 Std Error of Est: 0.000545
 Predicted MDL: 0.052213
 Predicted MQL: 0.174043

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	-.00037	.000	1
S1	5.0000	5.3073	.307	6.15	.02780	.000	1
S2	62.500	59.916	-2.58	-4.13	.31767	.001	1
S3	125.00	120.56	-4.44	-3.55	.63959	.000	1
S4	250.00	241.62	-8.38	-3.35	1.2822	.007	1
S5	500.00	490.45	-9.55	-1.91	2.6031	.016	1
S6	800.00	824.65	24.6	3.08	4.3770	.022	1

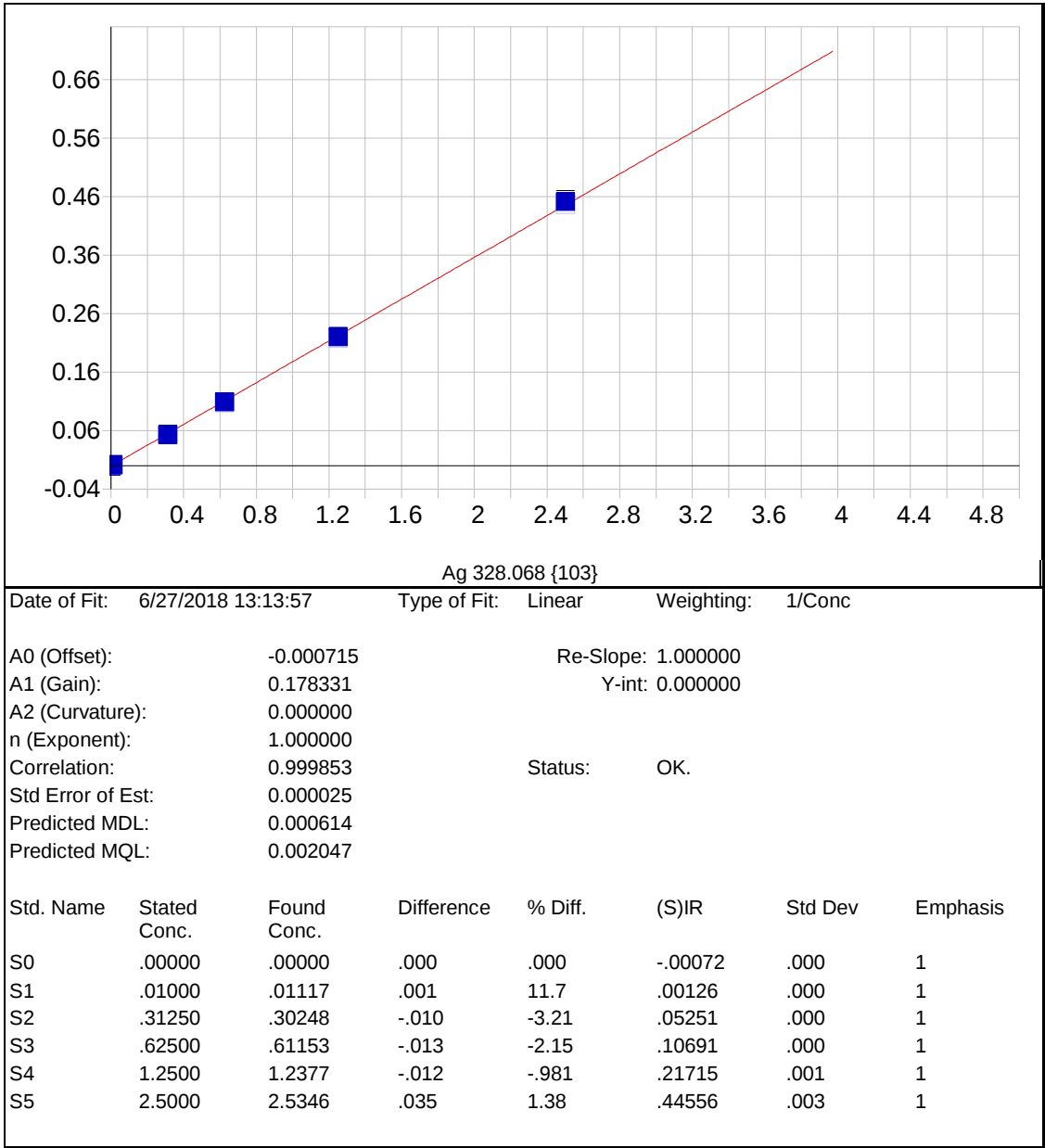


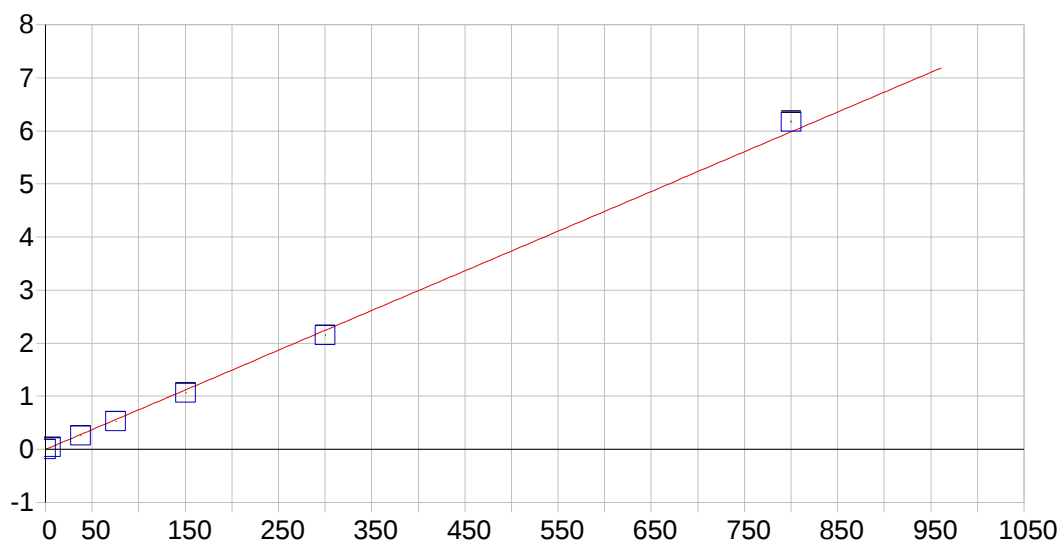
Ni 231.604 {446}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001942 Re-Slope: 1.000000
 A1 (Gain): 0.560537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000489
 Predicted MQL: 0.001631

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00194	.000	1
S1	.04000	.04484	.005	12.1	.02320	.000	1
S2	.62500	.61896	-.006	-.967	.34573	.001	1
S3	1.2500	1.2473	-.003	-.220	.69863	.002	1
S4	2.5000	2.5025	.002	.098	1.4037	.002	1
S5	5.0000	5.0015	.002	.030	2.8073	.008	1





Na 818.326 { 41}

Date of Fit: 6/27/2018 13:13:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000214

Re-Slope: 1.000000

A1 (Gain): 0.007476

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999239

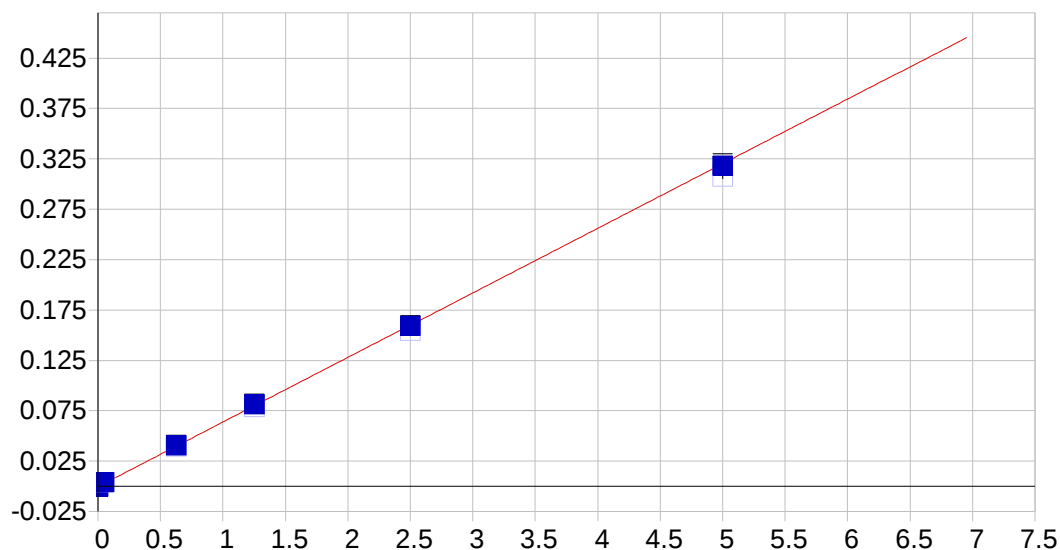
Status: OK.

Std Error of Est: 0.000902

Predicted MDL: 0.283459

Predicted MQL: 0.944864

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00057	.001	.000	-.00021	.002	1
S1	5.0000	5.3003	.300	6.01	.03941	.001	1
S2	37.500	35.267	-2.23	-5.95	.26343	.001	1
S3	75.000	70.859	-4.14	-5.52	.52950	.002	1
S4	150.00	142.36	-7.64	-5.09	1.0640	.002	1
S5	300.00	287.95	-12.1	-4.02	2.1523	.004	1
S6	800.00	825.77	25.8	3.22	6.1729	.016	1

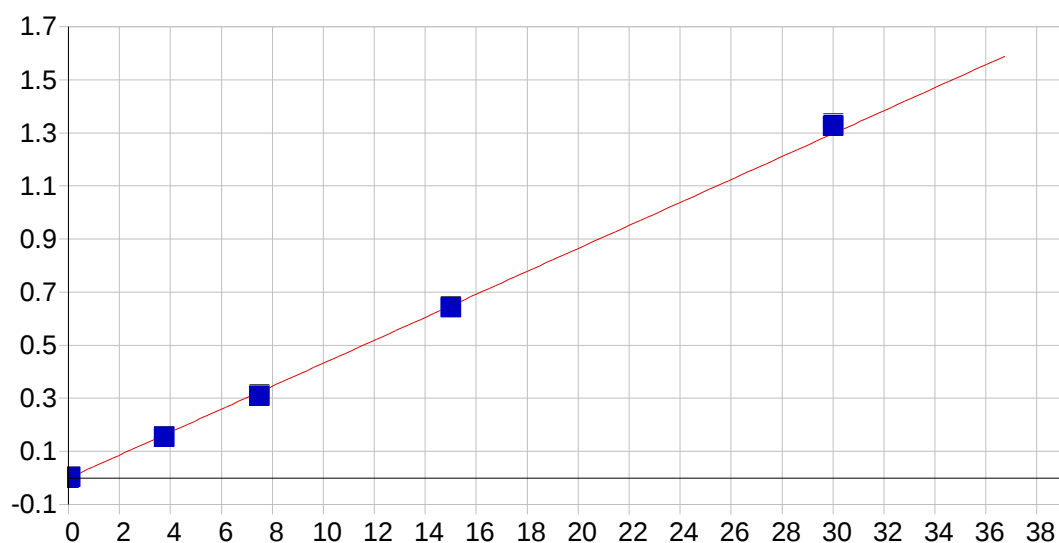


V 292.402 {115}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000322 Re-Slope: 1.000000
 A1 (Gain): 0.064110 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.005325
 Predicted MQL: 0.017749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00032	.000	1
S1	.05000	.06355	.014	27.1	.00375	.000	1
S2	.62500	.63650	.012	1.84	.03916	.000	1
S3	1.2500	1.2725	.023	1.80	.07862	.001	1
S4	2.5000	2.4889	-.011	-.444	.15396	.001	1
S5	5.0000	4.9631	-.037	-.738	.30729	.002	1

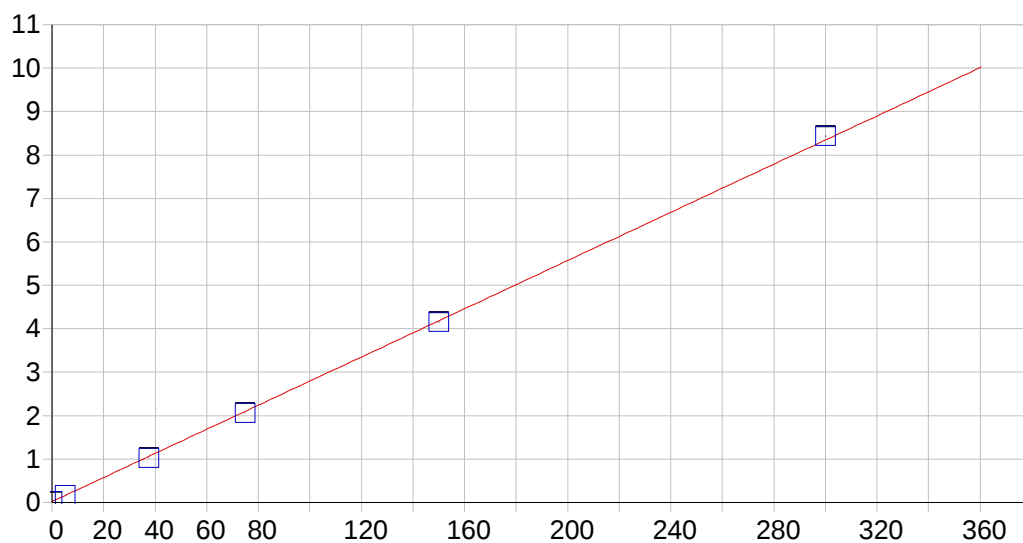


Zn 213.856 {158}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000467 Re-Slope: 1.000000
 A1 (Gain): 0.043252 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999633 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.010666
 Predicted MQL: 0.035554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.06000	.06448	.004	7.46	.00233	.000	1
S2	3.7500	3.5677	-.182	-4.86	.15461	.003	1
S3	7.5000	7.1558	-.344	-4.59	.31056	.003	1
S4	15.000	14.848	-.152	-1.02	.64478	.000	1
S5	30.000	30.674	.674	2.25	1.3324	.002	1

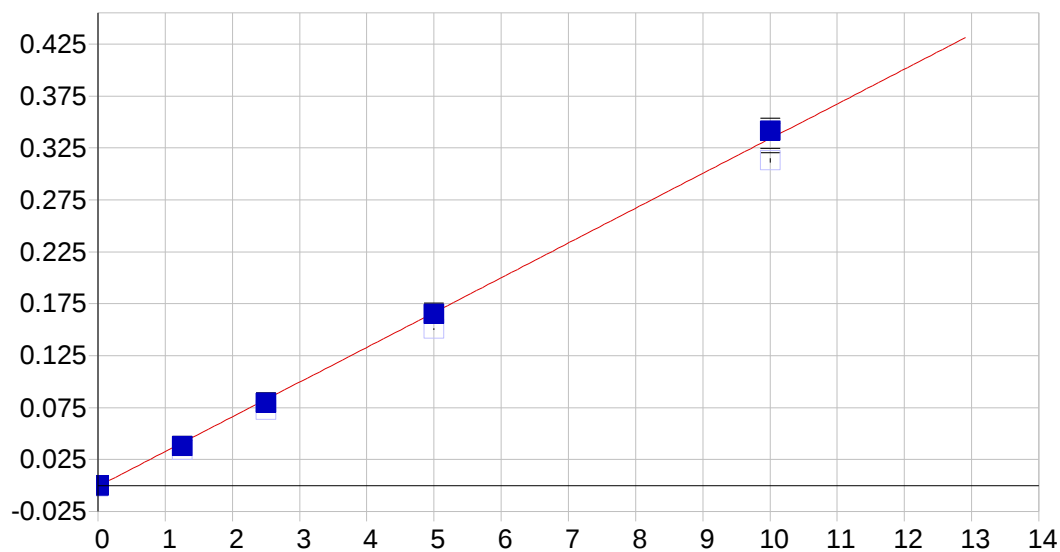


K 769.896 { 44}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019753 Re-Slope: 1.000000
 A1 (Gain): 0.027751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000837
 Predicted MDL: 0.068536
 Predicted MQL: 0.228455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01975	.001	1
S1	5.0000	5.2397	.240	4.79	.16516	.001	1
S2	37.500	36.308	-1.19	-3.18	1.0273	.006	1
S3	75.000	73.600	-1.40	-1.87	2.0622	.005	1
S4	150.00	148.95	-1.05	-.702	4.1532	.012	1
S5	300.00	303.41	3.41	1.14	8.4396	.011	1

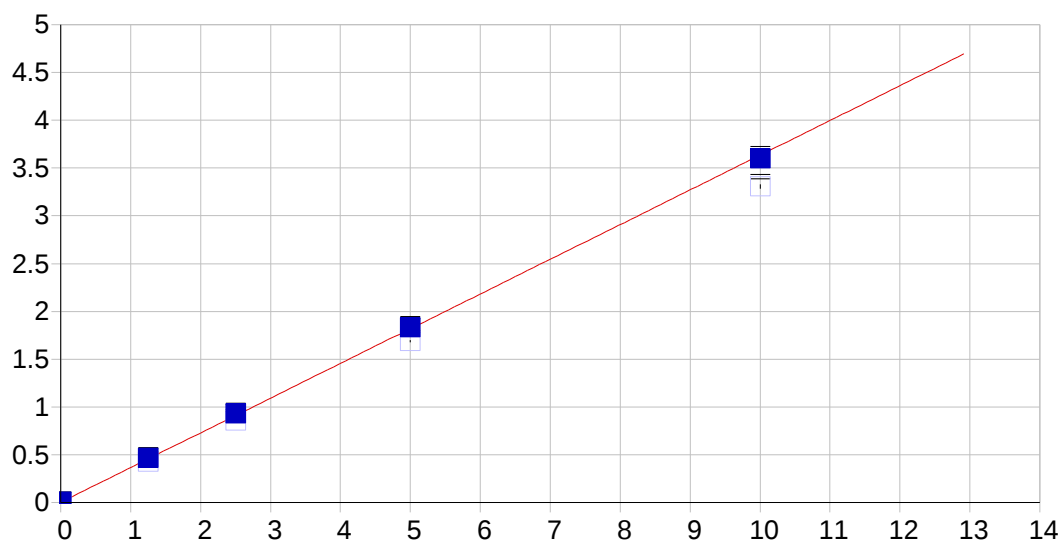


P 177.495 {490}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000859 Re-Slope: 1.000000
 A1 (Gain): 0.033474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999395 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003215
 Predicted MQL: 0.010717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00086	.000	1
S1	.01000	.01388	.004	38.8	-.00042	.000	1
S2	1.2500	1.1491	-.101	-8.07	.03400	.000	1
S3	2.5000	2.4071	-.093	-3.72	.07250	.000	1
S4	5.0000	4.9557	-.044	-.887	.15059	.001	1
S5	10.000	10.234	.234	2.34	.31285	.002	1

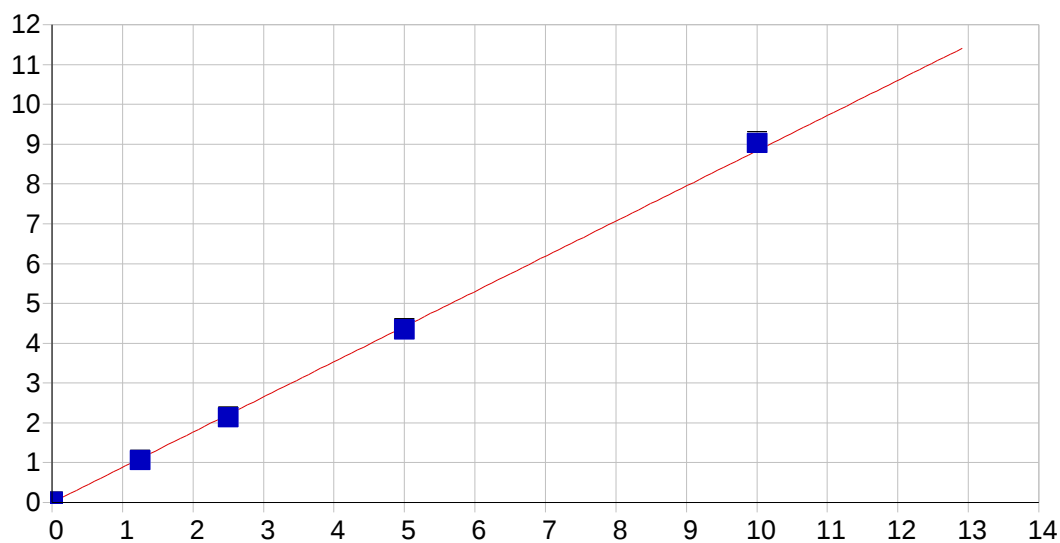


B 249.678 {135}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001909 Re-Slope: 1.000000
 A1 (Gain): 0.363286 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.001357
 Predicted MQL: 0.004523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00191	.000	1
S1	.01000	.00944	-.001	-5.62	.00526	.001	1
S2	1.2500	1.2703	.020	1.63	.42743	.006	1
S3	2.5000	2.5539	.054	2.16	.85778	.007	1
S4	5.0000	5.0309	.031	.618	1.6857	.011	1
S5	10.000	9.8954	-.105	-1.05	3.3090	.023	1

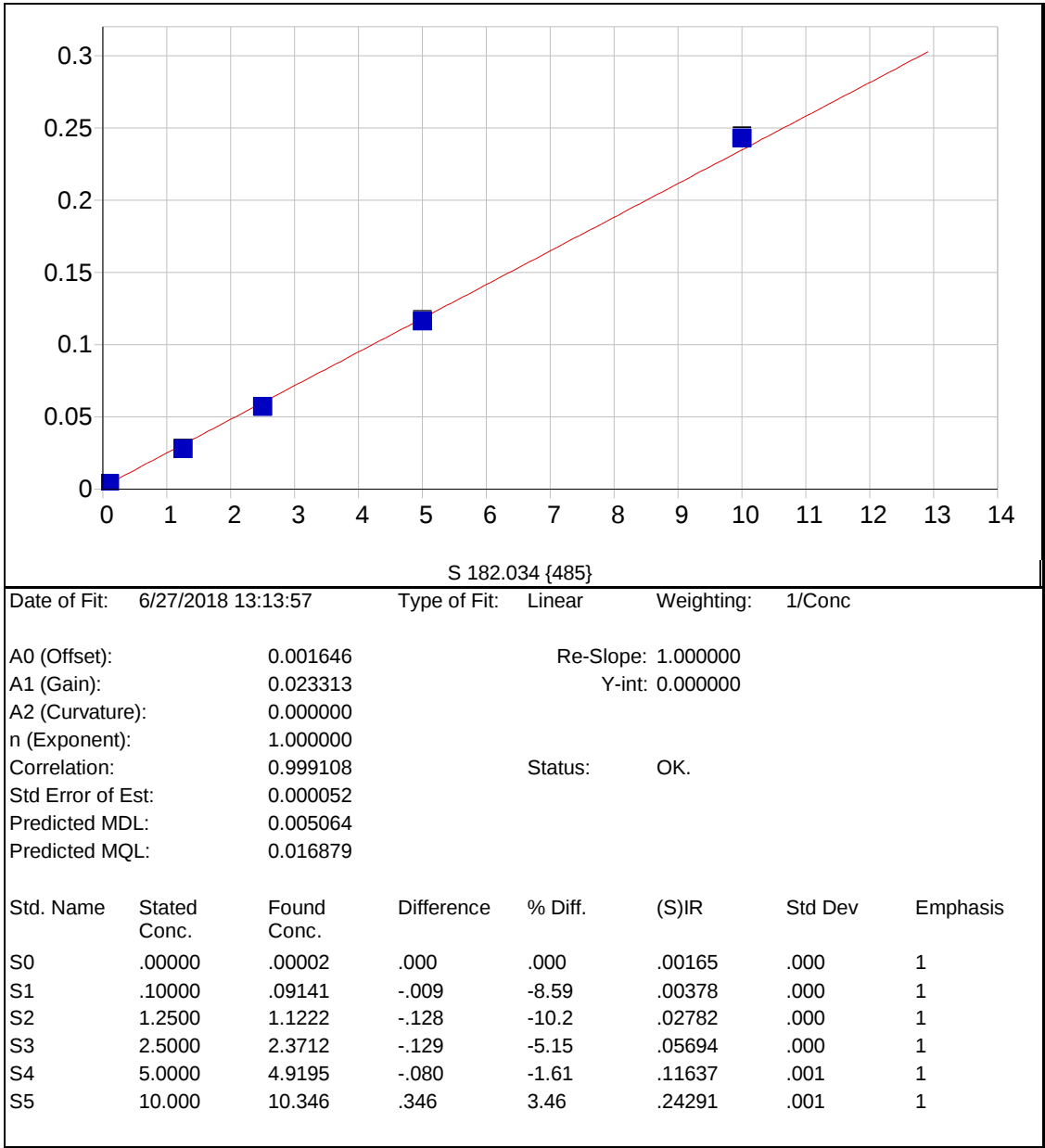


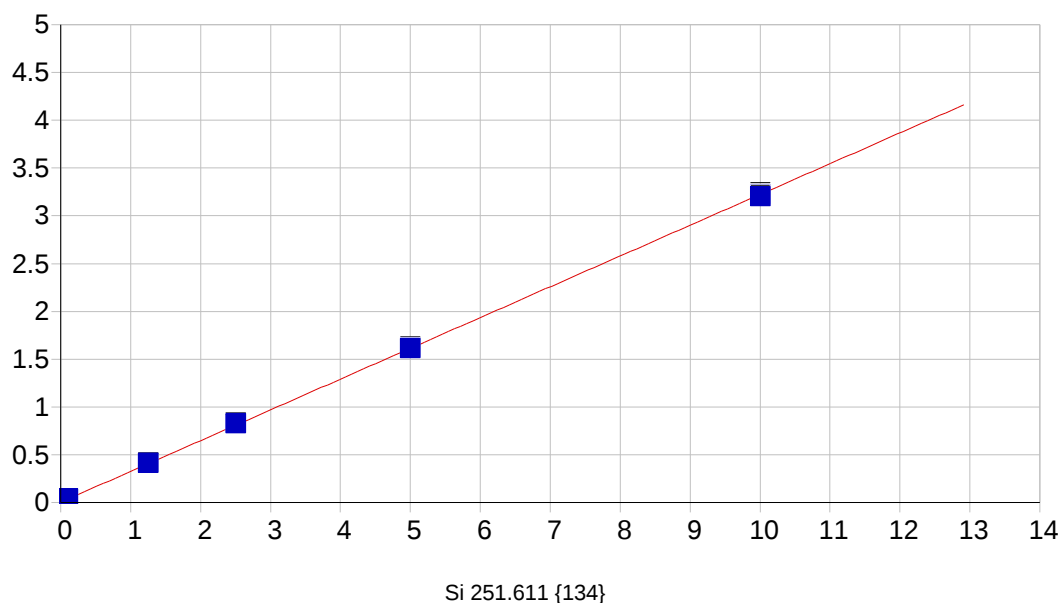
Mo 202.030 {467}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000342 Re-Slope: 1.000000
 A1 (Gain): 0.883353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999728 Status: OK.
 Std Error of Est: 0.000345
 Predicted MDL: 0.000328
 Predicted MQL: 0.001094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.01000	.01057	.001	5.65	.00967	.000	1
S2	1.2500	1.1999	-.050	-4.01	1.0603	.005	1
S3	2.5000	2.4230	-.077	-3.08	2.1406	.005	1
S4	5.0000	4.9167	-.083	-1.67	4.3434	.023	1
S5	10.000	10.210	.210	2.10	9.0188	.041	1

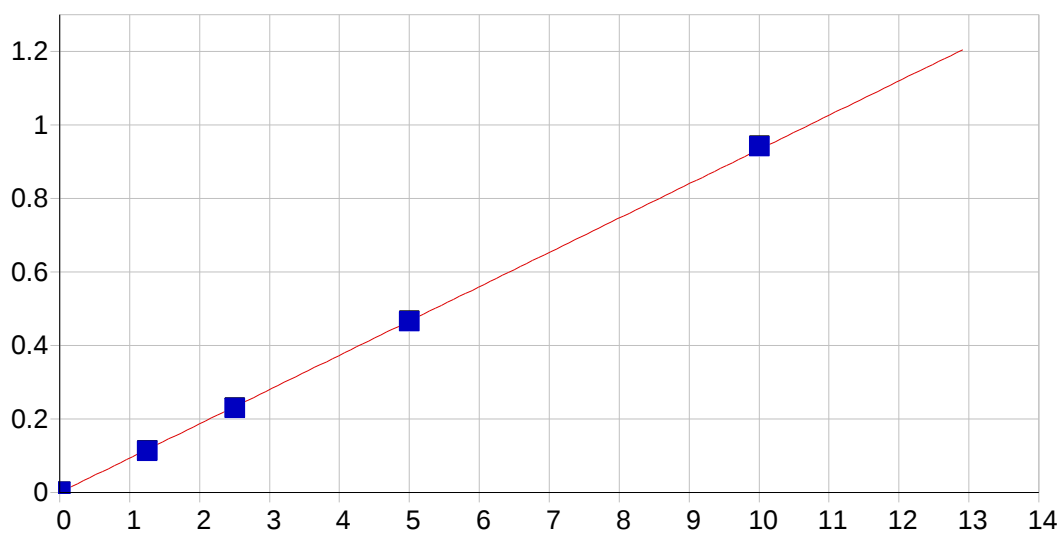




Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003234 Re-Slope: 1.000000
 A1 (Gain): 0.322035 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000185
 Predicted MDL: 0.001568
 Predicted MQL: 0.005226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00323	.000	1
S1	.10000	.10704	.007	7.04	.03782	.000	1
S2	1.2500	1.2678	.018	1.42	.41480	.005	1
S3	2.5000	2.5499	.050	2.00	.83100	.008	1
S4	5.0000	4.9913	-.009	-.175	1.6238	.009	1
S5	10.000	9.9340	-.066	-.660	3.2287	.017	1

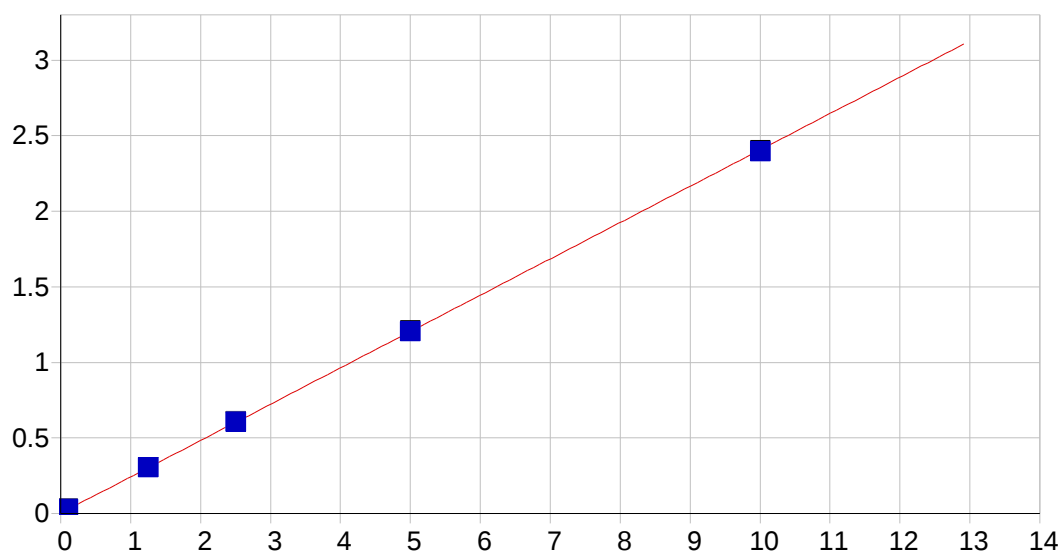


Sn 189.989 {478}

Date of Fit: 6/27/2018 13:13:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000172 Re-Slope: 1.000000
 A1 (Gain): 0.093293 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.001261
 Predicted MQL: 0.004204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00764	.001	9.08	.00086	.000	1
S2	1.2500	1.2082	-.042	-3.34	.11264	.001	1
S3	2.5000	2.4580	-.042	-1.68	.22897	.000	1
S4	5.0000	4.9914	-.009	-.172	.46480	.001	1
S5	10.000	10.092	.092	.918	.93961	.002	1



Ti 336.121 {100}

Date of Fit: 6/27/2018 13:13:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001986

Re-Slope: 1.000000

A1 (Gain): 0.240436

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999962

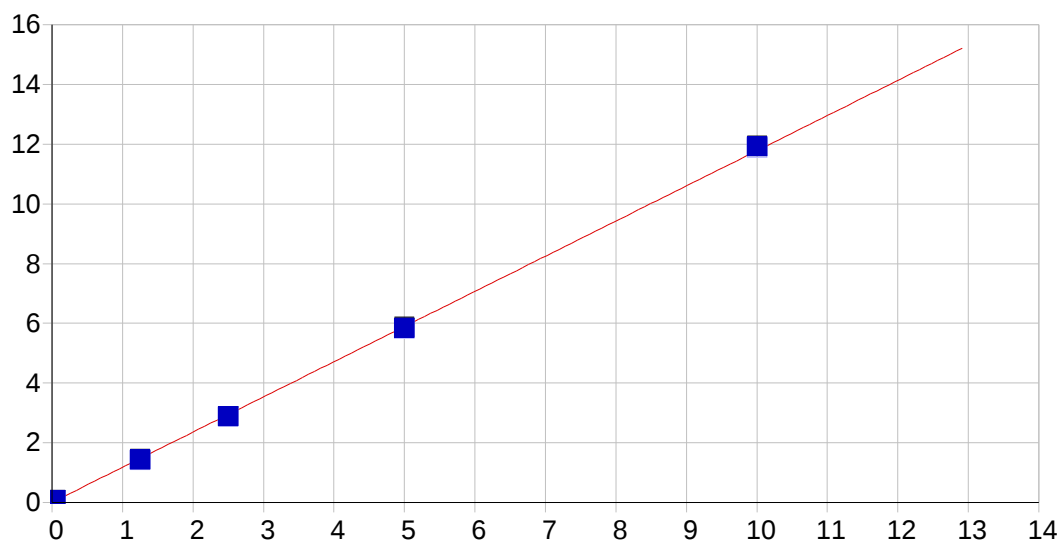
Status: OK.

Std Error of Est: 0.000112

Predicted MDL: 0.002054

Predicted MQL: 0.006846

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00198	.000	1
S1	.10000	.11064	.011	10.6	.02858	.001	1
S2	1.2500	1.2582	.008	.657	.30439	.001	1
S3	2.5000	2.5152	.015	.610	.60651	.002	1
S4	5.0000	5.0052	.005	.104	1.2050	.004	1
S5	10.000	9.9607	-.039	-.393	2.3960	.005	1



Li 670.784 { 50}

Date of Fit: 6/27/2018 13:13:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003270

Re-Slope: 1.000000

A1 (Gain): 1.177693

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

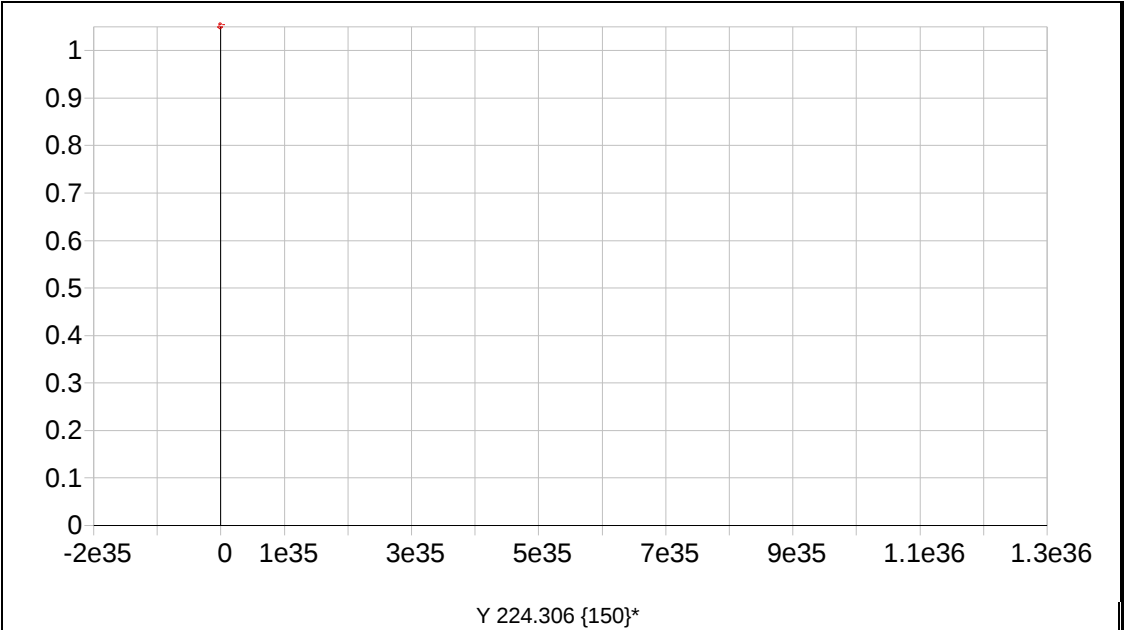
Status: OK.

Std Error of Est: 0.000659

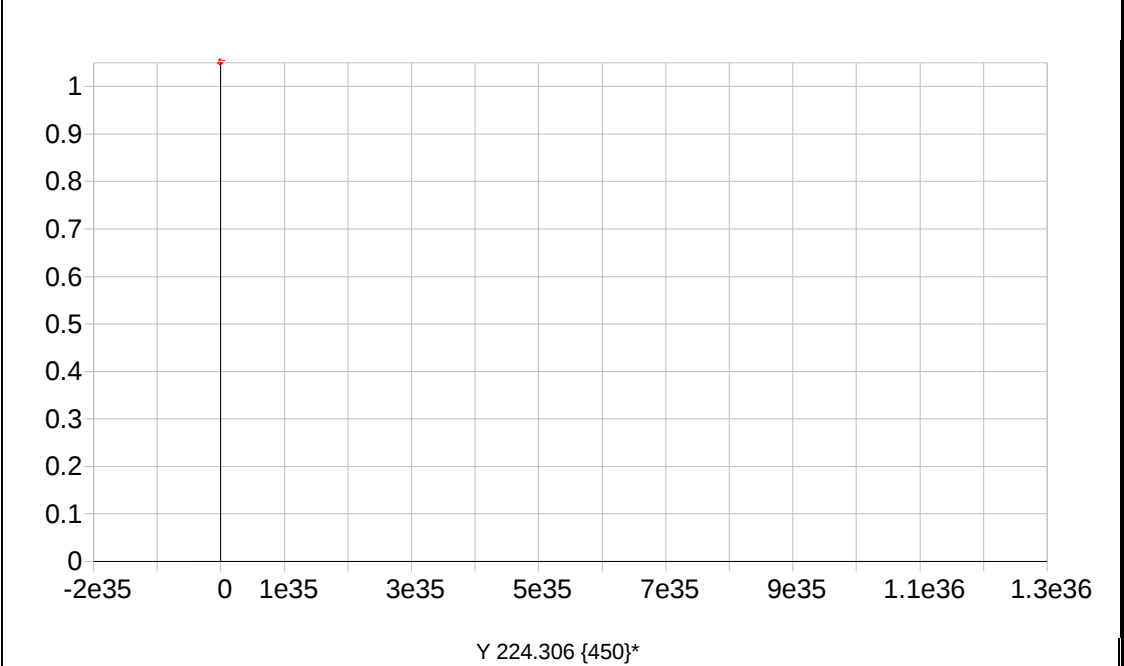
Predicted MDL: 0.001821

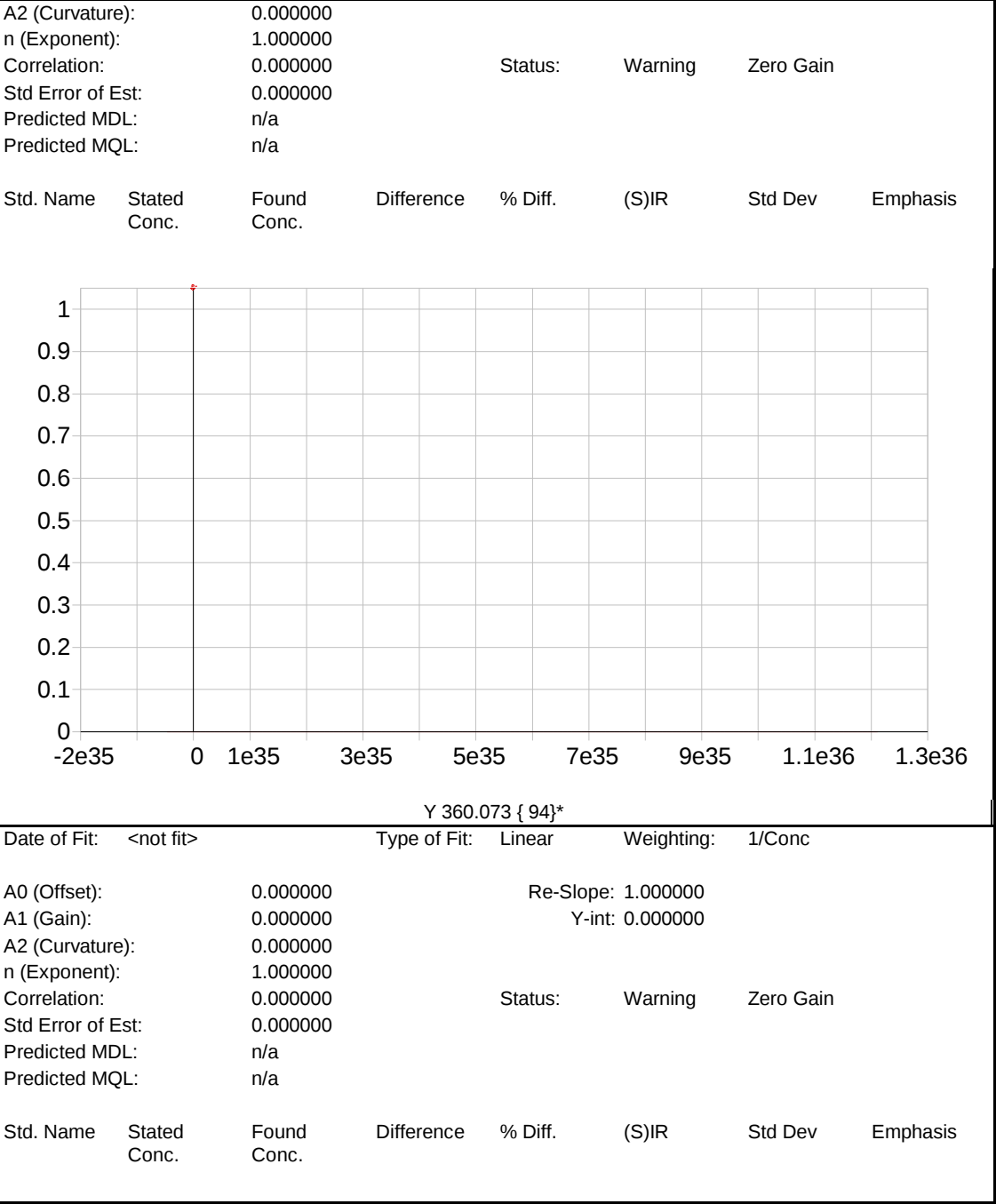
Predicted MQL: 0.006072

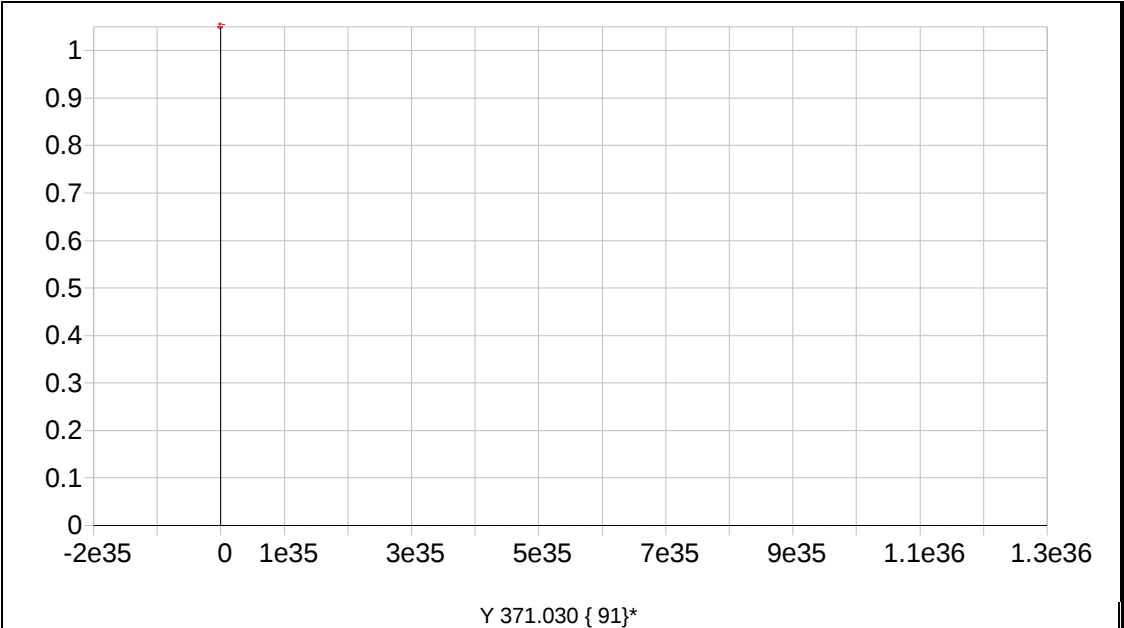
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00327	.001	1
S5	10.000	10.125	.125	1.25	11.861	.013	1
S4	5.0000	4.9599	-.040	-.802	5.8114	.026	1
S3	2.5000	2.4505	-.050	-1.98	2.8726	.001	1
S2	1.2500	1.2119	-.038	-3.05	1.4222	.012	1
S1	.05000	.05278	.003	5.55	.06531	.002	1



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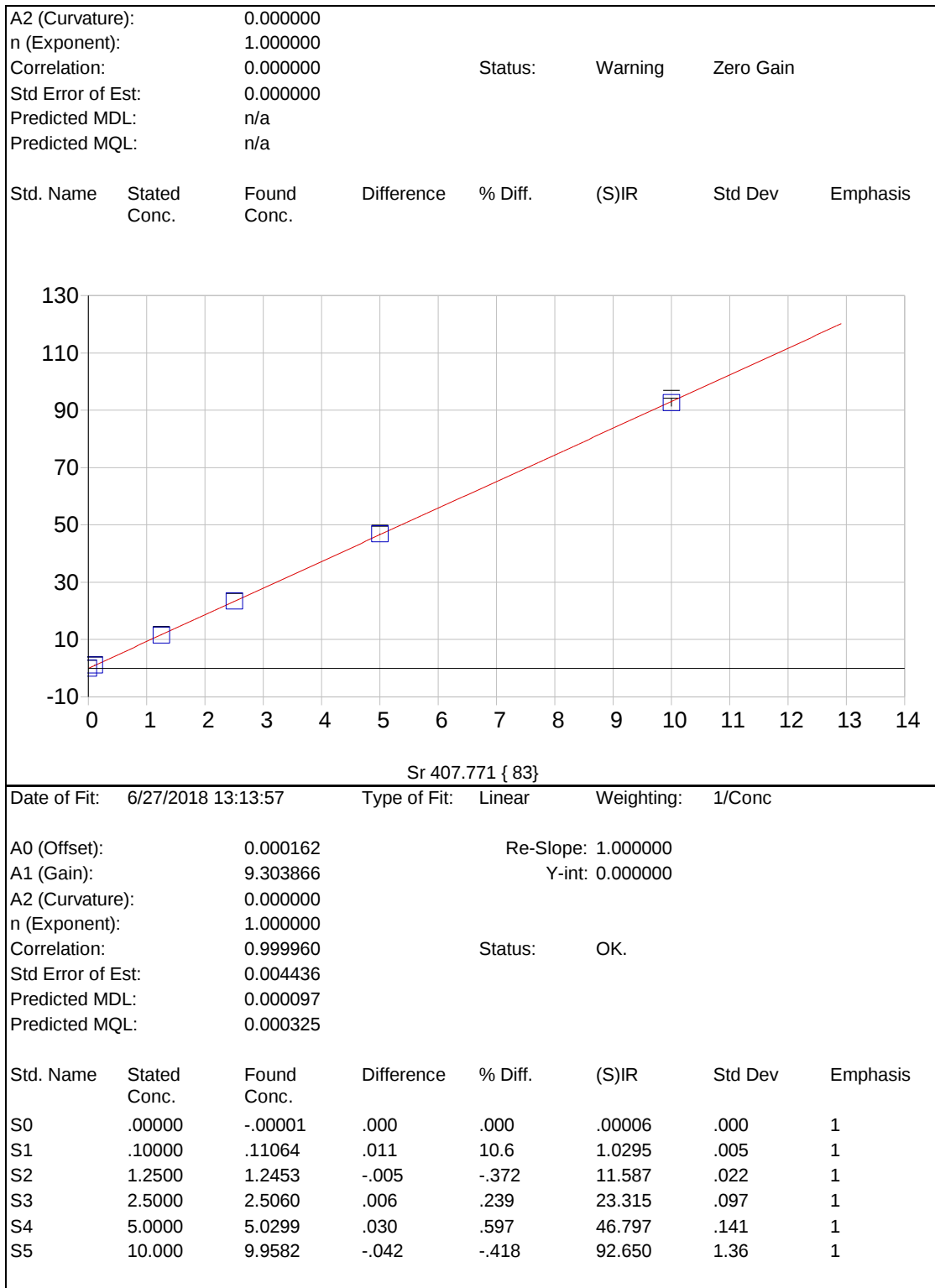






A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 6/27/2018 12:41:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	-.00011	-.00018	-.00040	.00067	.00067	.00128	-.01585	-.00211
Stddev	.00006	.00006	.00044	.00072	.00048	.00055	.00253	.00038
%RSD	57.334	33.215	110.85	106.43	70.809	42.475	15.973	18.182

#1	-.00012	-.00018	-.00058	.00037	.00074	.00092	-.01766	-.00179
#2	-.00004	-.00023	-.00073	.00149	.00112	.00102	-.01296	-.00253
#3	-.00016	-.00011	.00010	.00016	.00017	.00191	-.01693	-.00201

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	.00061	.00170	-.00002	-.00032	.00081	.00009	.00008	-.00037
Stddev	.00025	.00047	.00004	.00007	.00031	.00024	.00023	.00008
%RSD	41.927	27.859	233.90	20.564	37.563	263.30	289.85	21.278

#1	.00082	.00174	.00003	-.00031	.00116	.00022	-.00019	-.00031
#2	.00068	.00121	-.00002	-.00039	.00069	.00023	.00020	-.00046
#3	.00032	.00215	-.00005	-.00026	.00059	-.00018	.00023	-.00035

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	-.00194	-.00072	-.00021	-.00032	-.00047	.01975	-.00086	.00191
Stddev	.00007	.00007	.00248	.00010	.00024	.00146	.00011	.00049
%RSD	3.4477	9.7382	1179.8	31.896	51.133	7.3974	12.241	25.593

#1	-.00187	-.00074	-.00056	-.00044	-.00031	.02130	-.00088	.00206
#2	-.00196	-.00064	-.00249	-.00029	-.00074	.01956	-.00075	.00230
#3	-.00200	-.00077	.00243	-.00024	-.00034	.01840	-.00095	.00136

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	.00034	.00165	.00323	.00017	.00198	.00327	.00006	
Stddev	.00011	.00016	.00007	.00002	.00007	.00066	.00041	
%RSD	31.950	9.4243	2.2346	10.820	3.6863	20.219	664.39	

#1	.00028	.00180	.00331	.00018	.00198	.00402	-.00015	
#2	.00047	.00149	.00319	.00019	.00191	.00300	-.00020	
#3	.00028	.00164	.00318	.00015	.00206	.00278	.00054	

Sample Name: S0 Acquired: 6/27/2018 12:41:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1743.8	1789.9	45830.	5062.1	3045.2
Stddev	5.0	4.5	117.	21.1	7.7
%RSD	.28765	.25305	.25565	.41735	.25225
#1	1748.7	1787.7	45906.	5071.7	3043.8
#2	1738.7	1795.1	45695.	5076.8	3053.5
#3	1743.9	1786.9	45889.	5037.9	3038.3

Sample Name: S1 Acquired: 6/27/2018 12:45:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.00010	.00078	.00147	.00259	.01170	.01898	.73881	.03006
Stddev	.00003	.00014	.00014	.00007	.00017	.00071	.00168	.00073
%RSD	29.315	18.017	9.4933	2.8860	1.4282	3.7338	.22705	2.4440

#1	.00007	.00087	.00142	.00250	.01182	.01973	.73741	.02985
#2	.00013	.00062	.00163	.00262	.01176	.01888	.74067	.02946
#3	.00009	.00087	.00137	.00264	.01151	.01833	.73835	.03088

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	.01450	.17726	.00167	.03684	.00371	.00155	.00261	.02780
Stddev	.00046	.00079	.00005	.00040	.00009	.00010	.00019	.00008
%RSD	3.1908	.44490	3.0428	1.0778	2.5088	6.3319	7.2057	.29847

#1	.01451	.17719	.00170	.03678	.00363	.00144	.00245	.02779
#2	.01404	.17808	.00161	.03647	.00381	.00160	.00255	.02772
#3	.01496	.17651	.00170	.03726	.00370	.00161	.00282	.02788

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	.02320	.00126	.03941	.00375	.00233	.16516	-.00042	.00526
Stddev	.00024	.00005	.00149	.00023	.00034	.00080	.00009	.00052
%RSD	1.0362	3.6080	3.7751	6.0481	14.583	.48187	20.823	9.9536

#1	.02300	.00130	.04113	.00379	.00228	.16592	-.00037	.00569
#2	.02315	.00121	.03857	.00395	.00202	.16523	-.00036	.00468
#3	.02347	.00128	.03852	.00350	.00269	.16433	-.00052	.00542

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	.00967	.00378	.03782	.00086	.02858	.06531	1.0295	
Stddev	.00024	.00010	.00043	.00004	.00051	.00218	.0048	
%RSD	2.4723	2.6577	1.1324	5.0267	1.7827	3.3316	.46936	

#1	.00954	.00368	.03753	.00082	.02857	.06333	1.0258	
#2	.00953	.00377	.03761	.00090	.02910	.06764	1.0350	
#3	.00995	.00388	.03831	.00085	.02808	.06495	1.0278	

Sample Name: S1 Acquired: 6/27/2018 12:45:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1736.7	1784.6	45762.	5027.5	3017.6
Stddev	4.4	5.8	54.	18.4	7.9
%RSD	.25106	.32575	.11815	.36632	.26234
#1	1737.8	1785.1	45723.	5048.7	3019.1
#2	1731.9	1790.2	45739.	5015.0	3024.7
#3	1740.4	1778.6	45824.	5018.9	3009.1

Sample Name: S2 Acquired: 6/27/2018 12:49:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.03776	.04979	.89068	.07466	.21977	2.9761	8.5043	.71742
Stddev	.00012	.00012	.00252	.00013	.00167	.0136	.0394	.00796
%RSD	.31290	.24467	.28241	.16872	.75911	.45535	.46364	1.1093

#1	.03767	.04985	.89120	.07475	.21818	2.9606	8.4600	.71305
#2	.03772	.04986	.88795	.07452	.21964	2.9820	8.5356	.72661
#3	.03790	.04965	.89290	.07472	.22150	2.9857	8.5172	.71261

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	1.5668	2.0450	.54336	.43268	.36700	.46965	.54808	.31767
Stddev	.0062	.0135	.00067	.00172	.00134	.00094	.00248	.00103
%RSD	.39477	.66042	.12289	.39867	.36514	.20076	.45232	.32381

#1	1.5653	2.0295	.54312	.43274	.36619	.46865	.54562	.31651
#2	1.5615	2.0543	.54412	.43092	.36854	.46979	.55058	.31845
#3	1.5736	2.0513	.54285	.43437	.36626	.47052	.54805	.31806

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	.34573	.05251	.26343	.03916	.15461	1.0273	.03400	.42743
Stddev	.00077	.00013	.00139	.00021	.00257	.0062	.00010	.00552
%RSD	.22238	.25212	.52900	.54832	1.6617	.59949	.28684	1.2913

#1	.34588	.05239	.26259	.03919	.15696	1.0204	.03390	.42454
#2	.34489	.05265	.26504	.03894	.15186	1.0323	.03399	.43380
#3	.34641	.05250	.26266	.03936	.15500	1.0293	.03410	.42396

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	1.0603	.02782	.41480	.11264	.30439	1.4222	11.587	
Stddev	.0051	.00032	.00457	.00065	.00125	.0118	.022	
%RSD	.47848	1.1636	1.1021	.57499	.40972	.82963	.19268	

#1	1.0558	.02757	.41380	.11265	.30319	1.4098	11.589	
#2	1.0591	.02818	.41979	.11198	.30432	1.4333	11.608	
#3	1.0658	.02771	.41081	.11328	.30568	1.4234	11.563	

Sample Name: S2 Acquired: 6/27/2018 12:49:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1672.2	1704.5	44730.	5052.5	2769.2
Stddev	5.9	6.2	88.	45.7	6.9
%RSD	.35200	.36563	.19597	.90410	.25016
#1	1666.8	1708.0	44633.	5072.2	2767.8
#2	1671.3	1708.2	44804.	5000.3	2776.8
#3	1678.5	1697.3	44752.	5085.1	2763.2

Sample Name: S3 Acquired: 6/27/2018 12:53:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.07730	.09996	1.8008	.15052	.44408	6.0033	17.208	1.4370
Stddev	.00061	.00060	.0073	.00141	.00208	.0073	.022	.0160
%RSD	.79553	.59586	.40451	.93357	.46791	.12110	.12765	1.1115

#1	.07663	.09931	1.8017	.14931	.44301	6.0045	17.187	1.4347
#2	.07784	.10048	1.7931	.15018	.44276	5.9955	17.207	1.4223
#3	.07742	.10008	1.8076	.15206	.44648	6.0098	17.231	1.4540

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	3.1654	4.0984	1.0721	.88180	.73053	.92984	1.0923	.63959
Stddev	.0043	.0075	.0008	.00317	.00369	.00279	.0033	.00043
%RSD	.13587	.18326	.07330	.35931	.50472	.29960	.30018	.06727

#1	3.1621	4.0935	1.0713	.87972	.72632	.93277	1.0922	.63956
#2	3.1639	4.0946	1.0722	.88023	.73209	.92723	1.0890	.63917
#3	3.1703	4.1070	1.0728	.88544	.73317	.92950	1.0956	.64003

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	.69863	.10691	.52950	.07862	.31056	2.0622	.07250	.85778
Stddev	.00191	.00045	.00168	.00065	.00263	.0054	.00009	.00711
%RSD	.27276	.41761	.31739	.83090	.84563	.26210	.12693	.82927

#1	.69789	.10661	.52758	.07827	.30824	2.0605	.07249	.85609
#2	.69720	.10670	.53069	.07821	.31005	2.0579	.07241	.85167
#3	.70079	.10742	.53023	.07937	.31341	2.0683	.07260	.86559

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1406	.05694	.83100	.22897	.60651	2.8726	23.315	
Stddev	.0055	.00023	.00787	.00015	.00159	.0010	.097	
%RSD	.25527	.40096	.94669	.06680	.26210	.03629	.41471	

#1	2.1361	.05668	.83077	.22880	.60520	2.8723	23.214	
#2	2.1392	.05707	.82324	.22909	.60606	2.8738	23.326	
#3	2.1467	.05708	.83897	.22902	.60828	2.8718	23.406	

Sample Name: S3 Acquired: 6/27/2018 12:53:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1619.7	1637.8	43660.	4949.0	2621.1
Stddev	11.9	2.8	115.	46.4	4.3
%RSD	.73505	.17376	.26377	.93787	.16580
#1	1631.7	1640.1	43767.	4976.0	2620.3
#2	1619.4	1638.6	43538.	4975.5	2625.8
#3	1607.9	1634.6	43677.	4895.4	2617.3

Sample Name: S4 Acquired: 6/27/2018 12:57:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.15948	.19590	3.6343	.30311	.91454	12.118	34.695	2.8280
Stddev	.00107	.00049	.0047	.00160	.00292	.058	.130	.0108
%RSD	.67363	.24786	.12940	.52780	.31899	.47750	.37610	.38043

#1	.15870	.19600	3.6367	.30131	.91317	12.065	34.608	2.8201
#2	.15904	.19537	3.6289	.30366	.91257	12.179	34.845	2.8403
#3	.16070	.19633	3.6374	.30436	.91790	12.110	34.631	2.8237

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	6.3293	8.1457	2.1156	1.7791	1.4576	1.8234	2.1408	1.2822
Stddev	.0133	.0422	.0017	.0035	.0044	.0103	.0105	.0075
%RSD	.21067	.51753	.07818	.19448	.30032	.56616	.48985	.58475

#1	6.3255	8.0982	2.1163	1.7819	1.4528	1.8133	2.1310	1.2736
#2	6.3184	8.1788	2.1168	1.7752	1.4614	1.8340	2.1518	1.2876
#3	6.3442	8.1600	2.1138	1.7801	1.4586	1.8228	2.1395	1.2854

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	1.4037	.21715	1.0640	.15396	.64478	4.1532	.15059	1.6857
Stddev	.0017	.00112	.0019	.00050	.00030	.0122	.00091	.0114
%RSD	.12042	.51546	.18059	.32576	.04701	.29293	.60610	.67632

#1	1.4055	.21828	1.0630	.15339	.64443	4.1392	.14995	1.6736
#2	1.4022	.21604	1.0662	.15412	.64496	4.1612	.15164	1.6963
#3	1.4033	.21713	1.0628	.15435	.64495	4.1592	.15019	1.6871

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.3434	.11637	1.6238	.46480	1.2050	5.8114	46.797	
Stddev	.0225	.00071	.0088	.00089	.0040	.0260	.141	
%RSD	.51809	.60860	.53944	.19229	.32764	.44722	.30139	

#1	4.3324	.11562	1.6168	.46434	1.2029	5.7881	46.645	
#2	4.3284	.11703	1.6336	.46424	1.2095	5.8394	46.923	
#3	4.3692	.11647	1.6210	.46583	1.2025	5.8066	46.824	

Sample Name: S4 Acquired: 6/27/2018 12:57:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1533.0	1543.3	42036.	4895.7	2454.4
Stddev	7.8	8.0	97.	17.2	4.4
%RSD	.51034	.51807	.22996	.35100	.17941
#1	1534.0	1546.3	42034.	4914.9	2453.3
#2	1540.3	1549.3	42133.	4881.6	2459.2
#3	1524.7	1534.2	41940.	4890.7	2450.6

Sample Name: S5 Acquired: 6/27/2018 13:01:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.33898	.38470	7.3617	.63168	1.9514	24.762	69.050	5.6769
Stddev	.00176	.00389	.0131	.00374	.0083	.045	.478	.0374
%RSD	.51913	1.0110	.17756	.59221	.42330	.18226	.69237	.65960

#1	.33809	.38025	7.3517	.63026	1.9441	24.789	69.545	5.7164
#2	.33784	.38640	7.3570	.62886	1.9498	24.786	69.014	5.6723
#3	.34101	.38745	7.3765	.63593	1.9604	24.710	68.591	5.6419

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	12.625	16.257	4.1509	3.5821	2.9197	3.5726	4.1938	2.6031
Stddev	.039	.087	.0056	.0078	.0073	.0258	.0263	.0164
%RSD	.30724	.53606	.13566	.21680	.25077	.72292	.62752	.62909

#1	12.593	16.309	4.1488	3.5781	2.9279	3.5842	4.2036	2.6109
#2	12.614	16.306	4.1466	3.5772	2.9171	3.5906	4.2137	2.6141
#3	12.668	16.157	4.1573	3.5911	2.9140	3.5430	4.1639	2.5843

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	2.8073	.44556	2.1523	.30729	1.3324	8.4396	.31285	3.3090
Stddev	.0081	.00306	.0043	.00222	.0017	.0106	.00227	.0230
%RSD	.28931	.68630	.20177	.72298	.12852	.12608	.72549	.69545

#1	2.7980	.44211	2.1556	.30836	1.3310	8.4484	.31029	3.3295
#2	2.8120	.44661	2.1540	.30877	1.3318	8.4426	.31463	3.3135
#3	2.8120	.44795	2.1474	.30474	1.3343	8.4277	.31362	3.2841

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	9.0188	.24291	3.2287	.93961	2.3960	11.861	92.650	
Stddev	.0411	.00124	.0170	.00177	.0053	.013	1.364	
%RSD	.45632	.50898	.52776	.18820	.22197	.11309	1.4726	

#1	8.9888	.24149	3.2450	.93764	2.4016	11.867	94.111	
#2	9.0019	.24351	3.2303	.94106	2.3955	11.846	92.429	
#3	9.0657	.24373	3.2110	.94012	2.3910	11.871	91.409	

Sample Name: S5 Acquired: 6/27/2018 13:01:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1429.5	1396.7	40653.	4784.0	2254.5
Stddev	6.3	6.1	138.	12.3	4.0
%RSD	.43753	.43656	.33845	.25790	.17762
#1	1432.9	1397.2	40751.	4769.8	2256.4
#2	1433.2	1402.5	40713.	4789.8	2257.2
#3	1422.2	1390.4	40496.	4792.4	2249.9

Sample Name: S6 Acquired: 6/27/2018 13:05:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	67.870	25.975	9.8268	4.3770	6.1729
Stddev	.161	.171	.0544	.0218	.0160
%RSD	.23692	.65882	.55329	.49845	.25929

#1	67.989	26.112	9.8641	4.3916	6.1906
#2	67.935	26.031	9.8520	4.3876	6.1686
#3	67.687	25.783	9.7644	4.3520	6.1594

Int. Std.	Y_3710
Units	Cts/S
Avg	4693.7
Stddev	3.3
%RSD	.07129

#1	4692.3
#2	4691.2
#3	4697.5

Sample Name: ICV Acquired: 6/27/2018 13:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	1.064349	1.121904	1.021984	1.024903	.9586726	2.396245
Stddev	.007324	.008720	.004979	.003032	.0050013	.013403
%RSD	.6881495	.7772220	.4871568	.2958201	.5216924	.5593521

#1	1.059822	1.126953	1.022721	1.021965	.9578956	2.394504
#2	1.060426	1.111835	1.016678	1.024722	.9541053	2.410434
#3	1.072799	1.126923	1.026554	1.028020	.9640170	2.383797

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5254085	.5304710	.5152884	10.31672	.5379428	.5077010
Stddev	.0009021	.0017875	.0023225	.09489	.0017116	.0028491
%RSD	.1716986	.3369684	.4507270	.9197810	.3181710	.5611861

#1	.5246493	.5284288	.5132252	10.20730	.5377099	.5058882
#2	.5264058	.5317516	.5148362	10.37639	.5363597	.5062299
#3	.5251704	.5312326	.5178038	10.36647	.5397589	.5109851

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5198067	5.516234	.5326843	5.873026	.5231895	.5168617
Stddev	.0057838	.063632	.0072336	.041940	.0010646	.0013606
%RSD	1.112688	1.153546	1.357956	.7141163	.2034864	.2632475

#1	.5156352	5.463542	.5247416	5.824694	.5221356	.5152998
#2	.5264093	5.586928	.5388940	5.899833	.5231683	.5174954
#3	.5173756	5.498233	.5344173	5.894552	.5242645	.5177898

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.930609	.5401064	1.000903	10.09796	F .0111636	F .0067393
Stddev	.098155	.0130026	.018755	.12933	.0010036	.0009136
%RSD	.9884091	2.407415	1.873835	1.280766	8.989702	13.55617

#1	9.895373	.5331785	1.003254	9.96256	.0100371	.0058336
#2	9.854936	.5551060	.981083	10.22022	.0119622	.0076606
#3	10.04152	.5320348	1.018372	10.11109	.0114914	.0067237

Sample Name: ICV Acquired: 6/27/2018 13:09:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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 .0000723	.0056917	.0032009	F -.000870	-.000962	.0020497
Stddev	.0003320	.0023089	.0014587	.000927	.002113	.0009225
%RSD	459.4250	40.56631	45.57159	106.6423	219.6079	45.00781
#1	-.000205	.0031328	.0022813	-.001642	.001356	.0028885
#2	.000440	.0076194	.0048829	.000159	-.001463	.0010616
#3	-.000019	.0063228	.0024386	-.001126	-.002780	.0021991

Elem	Sr4077
Units	ppm
Avg	.0122122
Stddev	.0000563
%RSD	.4610796
#1	.0121752
#2	.0122770
#3	.0121844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.916	1770.985	45552.37	5057.667	2992.115
Stddev	9.518	3.643	60.44	22.011	8.912
%RSD	.5505393	.2056924	.1326894	.4351927	.2978444
#1	1738.915	1773.815	45618.47	5081.525	2995.877
#2	1727.866	1772.265	45499.93	5038.151	2998.530
#3	1719.965	1766.875	45538.71	5053.326	2981.939

Sample Name: ICB Acquired: 6/27/2018 13:15:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	-.001658	-.003121	.0006234	-.004167	-.002474	-.016294	-.000690
Stddev	.003987	.000766	.0026352	.001214	.002112	.002833	.000251
%RSD	240.4996	24.55452	422.7295	29.13802	85.37101	17.38872	36.43738

#1	-.001106	-.004000	.0024373	-.005544	-.000058	-.018264	-.000966
#2	-.005892	-.002589	-.002399	-.003252	-.003396	-.013047	-.000628
#3	.002025	-.002775	.001832	-.003705	-.003967	-.017570	-.000475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000062	.0000582	.0196443	-.000106	-.000298	-.000446	.0087936
Stddev	.000070	.0000535	.0075675	.000684	.000373	.004869	.0060592
%RSD	113.9902	91.96134	38.52270	646.1604	125.2650	1091.673	68.90547

#1	-.000062	.0001193	.0143651	-.000789	.000107	-.001198	.0119458
#2	.000009	.0000351	.0162537	-.000107	-.000628	-.004895	.0018080
#3	-.000132	.0000201	.0283143	.000579	-.000372	.004755	.0126269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001723	.0357710	-.000036	.0005213	-.128705	.0008712	-.006150
Stddev	.000577	.0252396	.000161	.0001019	.343704	.0014184	.008415
%RSD	33.49005	70.55882	445.1977	19.54167	267.0475	162.8010	136.8325

#1	-.002239	.0643378	-.000178	.0005286	.173475	.0021786	.003489
#2	-.001828	.0164885	-.000070	.0004160	-.056978	.0010720	-.012031
#3	-.001100	.0264867	.000139	.0006193	-.502613	-.000637	-.009907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072807	-.004343	.0005299	-.000036	-.003690	-.000814	.0001740
Stddev	.017283	.001904	.0002425	.000073	.001311	.001330	.0015907
%RSD	23.73844	43.84270	45.77428	203.6446	35.53430	163.3904	914.0188

#1	-.054798	-.003097	.0006037	-.000012	-.004783	.000405	-.000111
#2	-.074365	-.006535	.0007269	-.000118	-.002236	-.002232	-.001255
#3	-.089259	-.003397	.0002590	.000022	-.004052	-.000615	.001888

Sample Name: ICB Acquired: 6/27/2018 13:15:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	-.000402	-.000057	-.000079
Stddev	.001173	.000821	.000021
%RSD	291.7406	1443.615	26.65503

#1	-.001212	.000729	-.000097
#2	-.000937	.000011	-.000056
#3	.000943	-.000910	-.000084

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.218	1777.959	45701.80	5056.942	3022.301
Stddev	10.196	5.805	272.38	28.809	11.220
%RSD	.5889240	.3265145	.5959891	.5696966	.3712367

#1	1741.141	1781.510	45992.74	5089.750	3027.649
#2	1731.744	1781.107	45452.86	5045.300	3029.846
#3	1720.770	1771.259	45659.79	5035.775	3009.407

Sample Name: ICSA Acquired: 6/27/2018 13:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012691	-.006882	-.004675	-.021681	.0011901	242.6631
Stddev	.0043806	.004078	.004605	.002989	.0028004	.5747
%RSD	345.1848	59.26005	98.48793	13.78586	235.3114	.2368309

#1	.0024836	-.003363	-.002875	-.023928	-.000794	243.3267
#2	.0049142	-.011352	-.009908	-.018289	.004393	242.3275
#3	-.003591	-.005932	-.001242	-.022825	-.000029	242.3352

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047203	.0010665	-.000440	249.3544	.0512864	.0006164
Stddev	.0004137	.0001121	.000107	1.0474	.0004194	.0004254
%RSD	8.764424	10.51367	24.41789	.4200354	.8177203	69.01202

#1	.0050160	.0009391	-.000328	250.2083	.0517642	.0005812
#2	.0042475	.0011105	-.000542	249.6692	.0509792	.0010584
#3	.0048973	.0011500	-.000450	248.1858	.0511160	.0002098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003748	103.1763	.0107360	254.5850	.0003163	-.003964
Stddev	.001471	.3468	.0007582	.8567	.0002957	.000804
%RSD	39.23119	.3361025	7.061876	.3365098	93.49367	20.27039

#1	-.002634	103.4881	.0100635	254.8069	.0005898	-.003758
#2	-.005415	103.2380	.0115577	255.3088	.0000025	-.003284
#3	-.003196	102.8028	.0105869	253.6391	.0003565	-.004851

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3444827	.0026780	-.014903	-.166955	-.000099	F .0371700
Stddev	.1705462	.0056967	.010578	.043145	.004235	.0039293
%RSD	49.50792	212.7205	70.98092	25.84218	4286.775	10.57117

#1	.5262107	.0002113	-.006410	-.130020	-.004205	.0404315
#2	.1879132	.0091924	-.011547	-.156468	-.000345	.0328077
#3	.3193242	-.001370	-.026753	-.214376	.004254	.0382708

Sample Name: ICSA Acquired: 6/27/2018 13:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010879	.0182978	-.006841	-.005296	-.003211	.0074369
Stddev	.0001839	.0072872	.000547	.001212	.000956	.0019888
%RSD	16.90115	39.82527	8.000345	22.88667	29.77108	26.74255

#1	.0012809	.0214650	-.006752	-.004014	-.004058	.0051894
#2	.0010679	.0099630	-.007427	-.006424	-.003400	.0081522
#3	.0009148	.0234654	-.006343	-.005449	-.002175	.0089691

Elem	Sr4077
Units	ppm
Avg	.1052489
Stddev	.0001149
%RSD	.1091936

#1	.1053672
#2	.1052418
#3	.1051377

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1608.983	1654.333	42718.13	4900.686	2566.411
Stddev	5.849	7.424	122.49	11.807	6.920
%RSD	.3634977	.4487622	.2867419	.2409229	.2696244

#1	1602.585	1655.999	42843.37	4892.184	2567.927
#2	1610.310	1660.782	42598.59	4895.709	2572.447
#3	1614.054	1646.217	42712.42	4914.167	2558.859

Sample Name: ICSAB Acquired: 6/27/2018 13:23:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.1068616	.1027322	.0445107	.0222702	.5779298	239.7025
Stddev	.0049104	.0020958	.0037125	.0034682	.0047864	.6269
%RSD	4.595129	2.040024	8.340762	15.57342	.8281987	.2615119

#1	.1115570	.1027521	.0410903	.0254703	.5724447	238.9807
#2	.1017612	.1006265	.0484589	.0185849	.5800846	240.0169
#3	.1072666	.1048179	.0439830	.0227553	.5812601	240.1100

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5305938	.5277403	1.033770	246.1673	.5812717	.5138788
Stddev	.0005628	.0026806	.003844	.9556	.0010528	.0012580
%RSD	.1060692	.5079379	.3718470	.3882019	.1811209	.2448012

#1	.5299904	.5268782	1.030780	245.0907	.5802071	.5139033
#2	.5306865	.5307459	1.032424	246.4960	.5812955	.5126087
#3	.5311044	.5255969	1.038106	246.9152	.5823123	.5151243

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5025686	102.1276	.5265078	250.9176	1.032731	.2075202
Stddev	.0011979	.4856	.0023494	1.8557	.002252	.0017705
%RSD	.2383497	.4754694	.4462146	.7395515	.2180922	.8531894

#1	.5036643	101.5879	.5239638	248.8156	1.030483	.2057239
#2	.5012897	102.2658	.5285957	251.6089	1.032723	.2075729
#3	.5027517	102.5291	.5269639	252.3284	1.034988	.2092638

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423437	.5287820	1.001638	-.191110	.0099053	F .0382388
Stddev	.2243784	.0070364	.026764	.030909	.0028107	.0019797
%RSD	529.8985	1.330688	2.671974	16.17361	28.37606	5.177278

#1	-.066916	.5214056	.970735	-.156034	.0067759	.0363561
#2	-.106478	.5295200	1.016963	-.214362	.0122151	.0403030
#3	.300425	.5354203	1.017217	-.202935	.0107250	.0380571

Sample Name: ICSAB Acquired: 6/27/2018 13:23:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.0018417	.0162382	-.003880	-.005031	-.004113	.0078658
Stddev	.0004537	.0094619	.002919	.000799	.001783	.0009812
%RSD	24.63411	58.26950	75.24045	15.87787	43.35231	12.47403

#1	.0021975	.0104360	-.003376	-.004128	-.003276	.0089475
#2	.0013308	.0271568	-.007018	-.005647	-.002903	.0076168
#3	.0019968	.0111220	-.001245	-.005316	-.006161	.0070331

Elem	Sr4077
Units	ppm
Avg	.1038614
Stddev	.0002813
%RSD	.2708777

#1	.1037111
#2	.1036871
#3	.1041859

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.990	1651.116	42741.23	4926.839	2579.944
Stddev	11.573	2.519	180.36	10.268	2.119
%RSD	.7156859	.1525441	.4219860	.2084016	.0821166

#1	1628.763	1653.306	42933.61	4938.600	2578.951
#2	1616.577	1651.678	42714.11	4919.661	2582.377
#3	1605.629	1648.363	42575.96	4922.256	2578.505

Sample Name: CCV042 Acquired: 6/27/2018 13:27:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907193	4.808027	24.35784	4.714812	4.818227	403.3162	9.958817
Stddev	.010804	.012474	.09933	.013795	.011922	.1989	.016999
%RSD	.2201579	.2594314	.4078081	.2925946	.2474257	.0493220	.1706940

#1	4.918981	4.800129	24.27492	4.727921	4.817264	403.3104	9.972713
#2	4.904836	4.801545	24.33067	4.700420	4.806816	403.5179	9.939863
#3	4.897763	4.822407	24.46794	4.716094	4.830601	403.1202	9.963875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4957187	2.460806	405.0443	15.02103	2.474718	14.92697	411.0561
Stddev	.0015576	.009052	1.9386	.00660	.006749	.05409	3.0074
%RSD	.3142121	.3678611	.4786100	.0439642	.2727134	.3623726	.7316333

#1	.4942196	2.455618	404.0325	15.02424	2.472575	14.89695	409.1642
#2	.4973289	2.455541	407.2795	15.02542	2.469301	14.89455	414.5240
#3	.4956075	2.471259	403.8210	15.01344	2.482279	14.98942	409.4802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57086	400.8077	2.463957	1.240963	404.4159	2.454117	14.72008
Stddev	.11299	3.0083	.005273	.004994	1.0652	.009577	.09041
%RSD	.7754483	.7505676	.2139936	.4024060	.2633825	.3902574	.6141885

#1	14.51353	398.9189	2.460027	1.245138	403.9207	2.443068	14.68337
#2	14.70102	404.2769	2.461893	1.242318	405.6385	2.460064	14.82306
#3	14.49802	399.2274	2.469949	1.235431	403.6884	2.459218	14.65379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.7458	5.056328	4.949713	4.779422	5.032971	4.881245	4.934685
Stddev	.1879	.006489	.028219	.018347	.019929	.011476	.014296
%RSD	.1246570	.1283364	.5701048	.3838839	.3959610	.2351061	.2896952

#1	150.9406	5.050104	4.926169	4.791336	5.023203	4.877264	4.926965
#2	150.7313	5.055826	4.980992	4.758293	5.019810	4.894181	4.925909
#3	150.5656	5.063053	4.941978	4.788636	5.055899	4.872289	4.951181

Sample Name: CCV042 Acquired: 6/27/2018 13:27:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.934277	4.968670	4.986199
Stddev	.014525	.009846	.005993
%RSD	.2943659	.1981567	.1201932

#1	4.919687	4.977858	4.993108
#2	4.948735	4.958278	4.983086
#3	4.934410	4.969875	4.982402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1482.834	1487.735	40693.41	4792.693	2300.586
Stddev	8.032	4.199	154.71	21.813	5.911
%RSD	.5416529	.2822596	.3801888	.4551370	.2569556

#1	1480.506	1484.897	40548.12	4792.133	2305.296
#2	1476.224	1492.559	40676.02	4771.166	2302.511
#3	1491.773	1485.750	40856.08	4814.782	2293.952

Sample Name: CCB042 Acquired: 6/27/2018 13:31:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002640	-.002274	.0033937	-.004941	-.000037	.0029631	-.001091
Stddev	.000551	.000997	.0003768	.002630	.001394	.0125674	.000360
%RSD	20.85257	43.82378	11.10350	53.23276	3775.260	424.1261	33.01703

#1	-.002454	-.001333	.0038278	-.006145	.001500	.0088656	-.001257
#2	-.002206	-.003318	.0031507	-.006753	-.000393	-.011469	-.000677
#3	-.003259	-.002171	.0032026	-.001924	-.001218	.011493	-.001337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0000732	-.003359	.0000584	.0000664	-.002624	.0260231
Stddev	.000027	.0000733	.017438	.0004454	.0001231	.003515	.0147797
%RSD	509.1551	100.1436	519.0799	762.0174	185.4792	133.9527	56.79435

#1	-.000014	.0000710	.009072	.0003930	-.000012	.000873	.0299122
#2	-.000027	.0001476	.004142	.0002294	.000003	-.002589	.0096878
#3	.000025	.0000010	-.023292	-.000447	.000208	-.006156	.0384694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001744	.0193784	.0004575	-.000086	.0574245	.0008445	-.005133
Stddev	.001245	.0125661	.0005459	.000170	.1083539	.0035313	.013334
%RSD	71.38938	64.84593	119.3338	197.1656	188.6893	418.1594	259.7579

#1	-.000841	.0306944	-.000112	-.000282	-.061137	-.002484	.010252
#2	-.003165	.0215862	.000976	.000014	.082095	.004549	-.013347
#3	-.001227	.0058547	.000508	.000010	.151316	.000469	-.012304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025388	-.003425	.0041449	-.000031	-.004755	-.001062	-.001084
Stddev	.045764	.002065	.0014394	.000121	.003853	.000827	.001050
%RSD	180.2589	60.29259	34.72641	393.6124	81.03011	77.81970	96.87317

#1	.000981	-.005489	.0054089	.000056	-.008594	-.001606	.000088
#2	.001087	-.003426	.0044474	-.000169	-.000887	-.001470	-.001939
#3	-.078231	-.001359	.0025783	.000021	-.004785	-.000111	-.001401

Sample Name: CCB042 Acquired: 6/27/2018 13:31:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001689	-.000746	-.000000
Stddev	.000899	.001056	.000087
%RSD	53.20747	141.5517	77017.63

#1	-.001315	.000455	.000044
#2	-.001038	-.001529	.000056
#3	-.002714	-.001164	-.000101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.825	1781.385	45767.02	5062.342	3029.795
Stddev	5.799	5.969	81.81	31.380	8.893
%RSD	.3338581	.3350950	.1787425	.6198770	.2935298

#1	1735.002	1781.470	45809.62	5094.625	3029.205
#2	1743.316	1787.311	45818.74	5031.950	3038.968
#3	1732.157	1775.373	45672.71	5060.450	3021.211

Sample Name: J3652-09DLX10 Acquired: 6/27/2018 13:39:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035738	-.003759	.0331539	-.034044	.0112101	10.19422	.0337341
Stddev	.0081743	.002125	.0009509	.003261	.0004489	.00966	.0001790
%RSD	1.623262	56.53584	2.868053	9.578214	4.004852	.0947959	.5305243

#1	.5041399	-.001431	.0321176	-.031071	.0106938	10.20402	.0338557
#2	.4951311	-.005594	.0339861	-.033529	.0114273	10.18470	.0335285
#3	.5114503	-.004253	.0333580	-.037532	.0115091	10.19394	.0338179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022300	-.000801	.7186754	.0360131	.0296035	.3543316	191.2175
Stddev	.0000445	.000181	.0393297	.0008459	.0001044	.0047748	.7311
%RSD	1.997704	22.56127	5.472526	2.348990	.3527376	1.347551	.3823656

#1	.0022114	-.001008	.7060642	.0352079	.0294948	.3597735	191.6147
#2	.0021978	-.000676	.6871981	.0368946	.0297031	.3523771	190.3737
#3	.0022809	-.000718	.7627638	.0359369	.0296127	.3508441	191.6640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271320	6.074328	.0981941	-.005640	.2849080	.0236828	.0806132
Stddev	.013436	.122121	.0005864	.000151	.2739888	.0030027	.0199036
%RSD	1.056888	2.010440	.5972380	2.681497	96.16744	12.67886	24.69022

#1	1.281094	5.984321	.0978899	-.005590	.5046247	.0219324	.0745652
#2	1.255998	6.025325	.0988701	-.005520	.3721875	.0271500	.0644352
#3	1.276868	6.213340	.0978222	-.005809	-.022088	.0219661	.1028393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2952057	.6955009	.0733198	.0008674	.5047260	.5667648	.0443031
Stddev	.0652028	.0101222	.0010835	.0000821	.0066899	.0025305	.0002526
%RSD	22.08726	1.455380	1.477800	9.468098	1.325460	.4464793	.5700730

#1	.3241959	.6838395	.0744764	.0008897	.5108351	.5658576	.0444419
#2	.3408861	.7020156	.0723283	.0007765	.5057658	.5648129	.0440116
#3	.2205352	.7006476	.0731548	.0009361	.4975770	.5696238	.0444559

Sample Name: J3652-09DLX10 Acquired: 6/27/2018 13:39:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHRT8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0103583	.0288546	.0328558
Stddev	.0020508	.0007438	.0001580
%RSD	19.79897	2.577571	.4809588

#1	.0079935	.0289260	.0330377
#2	.0116493	.0280777	.0327773
#3	.0114322	.0295600	.0327524

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.255	1762.600	45323.65	5083.408	2938.653
Stddev	4.234	1.436	113.15	15.800	3.503
%RSD	.2474457	.0814457	.2496565	.3108065	.1192035

#1	1710.575	1764.206	45272.02	5098.225	2942.557
#2	1707.402	1761.443	45453.41	5066.782	2937.617
#3	1715.789	1762.151	45245.53	5085.216	2935.784

Sample Name: J3654-13 Acquired: 6/27/2018 13:44:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.034190	-.010996	.3814509	-.025092	.0042270	59.62984	.1175478
Stddev	.003741	.000302	.0023684	.005340	.0019136	.16922	.0004068
%RSD	.3617178	2.749758	.6208929	21.28171	45.27032	.2837823	.3460495

#1	1.038494	-.011250	.3832218	-.019477	.0020216	59.65103	.1176602
#2	1.032350	-.011077	.3787606	-.025692	.0054474	59.78747	.1170967
#3	1.031725	-.010662	.3823702	-.030107	.0052121	59.45103	.1178866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030075	.0022032	47.03643	.0786305	.0396811	.2220503	162.6246
Stddev	.0000593	.0001763	.53176	.0008431	.0003656	.0012182	1.6149
%RSD	1.972712	7.999730	1.130527	1.072262	.9214176	.5486228	.9930161

#1	.0030199	.0023206	47.06461	.0783613	.0400857	.2220252	162.9353
#2	.0030597	.0020005	47.55353	.0779548	.0393742	.2232809	164.0615
#3	.0029430	.0022884	46.49113	.0795754	.0395835	.2208448	160.8769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.676803	43.33174	.0880505	.0056386	47.67458	.1693756	.5449797
Stddev	.019799	.57027	.0003279	.0008278	.05558	.0024545	.0110309
%RSD	1.180774	1.316067	.3724302	14.68020	.1165821	1.449143	2.024094

#1	1.674158	43.28189	.0884134	.0054724	47.61064	.1717739	.5427836
#2	1.697792	43.92530	.0877753	.0049065	47.70172	.1694844	.5569434
#3	1.658460	42.78803	.0879629	.0065368	47.71137	.1668685	.5352120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.389981	4.474576	.2609202	.0138138	36.11824	2.698348	.0599110
Stddev	.054055	.022155	.0024764	.0001297	.09760	.006246	.0010707
%RSD	1.002874	.4951302	.9491143	.9387812	.2702232	.2314759	1.787090

#1	5.452197	4.500049	.2621985	.0137298	36.05902	2.704858	.0610033
#2	5.363211	4.459791	.2624963	.0137483	36.06480	2.692404	.0588634
#3	5.354535	4.463887	.2580658	.0139631	36.23089	2.697783	.0598664

Sample Name: J3654-13 Acquired: 6/27/2018 13:44:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.634431	.1589977	.6251475
Stddev	.012324	.0012330	.0006467
%RSD	.7540524	.7754657	.1034422

#1	1.631185	.1575757	.6245694
#2	1.648053	.1597690	.6250272
#3	1.624054	.1596484	.6258458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.488	1786.710	46162.47	5271.984	2805.295
Stddev	7.792	6.377	60.82	15.891	8.657
%RSD	.4484814	.3569031	.1317565	.3014305	.3086103

#1	1728.509	1787.526	46105.28	5258.731	2808.621
#2	1742.489	1792.640	46155.74	5267.619	2811.796
#3	1741.465	1779.965	46226.37	5289.601	2795.468

Sample Name: J3654-14 Acquired: 6/27/2018 13:48:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9107416	-.006165	.3372960	-.020732	.0014216	41.07461	.0984599
Stddev	.0038895	.002438	.0018585	.006948	.0025952	.05739	.0002191
%RSD	.4270696	39.55190	.5510055	33.51388	182.5514	.1397113	.2225309

#1	.9071153	-.004360	.3357137	-.027865	-.000126	41.12194	.0982803
#2	.9102600	-.005196	.3368317	-.020347	.004418	41.01078	.0987040
#3	.9148494	-.008938	.3393427	-.013985	-.000027	41.09110	.0983953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022718	.0030560	42.08074	.0544873	.0218341	.1903202	114.9830
Stddev	.0000612	.0001067	.21431	.0007509	.0002727	.0048095	.1589
%RSD	2.693816	3.491219	.5092915	1.378046	1.248922	2.527078	.1381630

#1	.0022057	.0029418	41.90557	.0549618	.0221090	.1951389	115.1345
#2	.0022833	.0031530	42.01695	.0536216	.0218297	.1903019	114.8176
#3	.0023265	.0030733	42.31971	.0548784	.0215636	.1855198	114.9970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.324165	34.70984	.0605888	.0099995	56.62941	.1280756	.4107726
Stddev	.011759	.08572	.0002369	.0001594	.17372	.0010099	.0122719
%RSD	.8880604	.2469628	.3909960	1.593904	.3067751	.7885031	2.987525

#1	1.319411	34.80847	.0604364	.0100444	56.53794	.1283084	.4237671
#2	1.315526	34.65332	.0608617	.0101316	56.82976	.1289488	.4091702
#3	1.337557	34.66773	.0604682	.0098225	56.52053	.1269697	.3993806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.413654	3.414209	.3177575	.0231370	38.86057	5.010696	.0406992
Stddev	.024275	.006919	.0015829	.0002338	.14765	.035211	.0000621
%RSD	.4484012	.2026474	.4981455	1.010480	.3799355	.7027247	.1526483

#1	5.388091	3.414824	.3160828	.0228982	38.76703	5.011788	.0406590
#2	5.436394	3.407003	.3179608	.0233655	38.78390	4.974952	.0406680
#3	5.416477	3.420800	.3192290	.0231474	39.03078	5.045349	.0407708

Sample Name: J3654-14 Acquired: 6/27/2018 13:48:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHRZ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.017756	.1029202	.5381522
Stddev	.001486	.0007422	.0005403
%RSD	.1460341	.7211782	.1003949

#1	1.018938	.1026856	.5385060
#2	1.018241	.1023237	.5384203
#3	1.016087	.1037515	.5375303

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.076	1780.369	46113.76	5242.926	2825.870
Stddev	8.537	3.934	16.43	26.087	5.491
%RSD	.4906275	.2209529	.0356325	.4975654	.1943123

#1	1735.873	1783.232	46124.23	5238.230	2828.333
#2	1734.456	1781.992	46122.23	5271.042	2829.699
#3	1749.900	1775.884	46094.82	5219.506	2819.579

Sample Name: J3654-15 Acquired: 6/27/2018 13:52:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9105955	-.006791	.3399138	-.021611	.0025183	41.31998	.0980412
Stddev	.0054819	.004661	.0022864	.002144	.0013831	.10618	.0005428
%RSD	.6020171	68.63520	.6726430	9.919080	54.92442	.2569600	.5536391

#1	.9095394	-.001745	.3399625	-.019331	.0021155	41.44187	.0978394
#2	.9057184	-.010935	.3376035	-.021916	.0013812	41.24761	.0986560
#3	.9165286	-.007692	.3421755	-.023585	.0040581	41.27047	.0976282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023092	.0028175	42.12856	.0527123	.0227484	.1903230	115.5743
Stddev	.0001158	.0000796	.16480	.0005016	.0001666	.0025046	.8607
%RSD	5.015144	2.824502	.3911933	.9516074	.7324432	1.315971	.7446880

#1	.0023190	.0028457	42.30142	.0529086	.0227123	.1906980	116.2340
#2	.0021888	.0027276	41.97321	.0530860	.0226029	.1876521	115.8882
#3	.0024198	.0028790	42.11104	.0521422	.0229302	.1926190	114.6008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326059	34.82469	.0604148	.0101700	56.96381	.1284485	.3920569
Stddev	.006747	.19505	.0004447	.0005133	.18986	.0038109	.0010461
%RSD	.5088266	.5600873	.7361005	5.046819	.3333010	2.966871	.2668229

#1	1.331905	34.91480	.0599017	.0107383	57.16431	.1247256	.3917077
#2	1.327596	34.95839	.0606516	.0097401	56.78677	.1323416	.3912300
#3	1.318676	34.60087	.0606910	.0100315	56.94034	.1282783	.3932329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.442993	3.462128	.3182464	.0232764	39.21058	5.030169	.0404787
Stddev	.035752	.014155	.0037053	.0002948	.14961	.020703	.0014737
%RSD	.6568484	.4088414	1.164275	1.266390	.3815569	.4115759	3.640763

#1	5.402520	3.467086	.3195564	.0233859	39.36457	5.014863	.0397521
#2	5.470278	3.473137	.3211186	.0229425	39.20140	5.053725	.0421747
#3	5.456181	3.446162	.3140640	.0235006	39.06578	5.021919	.0395094

Sample Name: J3654-15 Acquired: 6/27/2018 13:52:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.019618	.1024595	.5390729
Stddev	.003454	.0005388	.0013656
%RSD	.3387214	.5258447	.2533333

#1	1.020999	.1025544	.5403959
#2	1.015687	.1018796	.5391545
#3	1.022166	.1029446	.5376682

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.904	1775.149	45987.58	5203.562	2819.091
Stddev	10.706	8.615	145.58	19.400	11.460
%RSD	.6174321	.4853247	.3165633	.3728292	.4065246

#1	1742.537	1778.208	45885.68	5216.593	2824.516
#2	1737.250	1781.817	46154.32	5212.826	2826.831
#3	1721.925	1765.422	45922.75	5181.266	2805.926

Sample Name: J3654-16 Acquired: 6/27/2018 13:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9746707	.1011129	.3774294	.0892580	.2131846	44.84951	4.815696
Stddev	.0078039	.0045655	.0014070	.0029869	.0028384	.11819	.003253
%RSD	.8006656	4.515216	.3727819	3.346338	1.331447	.2635184	.0675438

#1	.9713401	.0997153	.3759843	.0926347	.2164142	44.92773	4.818672
#2	.9690848	.1062138	.3787949	.0869615	.2120539	44.71355	4.812223
#3	.9835873	.0974095	.3775088	.0881779	.2110858	44.90724	4.816192

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1167437	.1183726	41.34161	.5252200	1.197247	.7561850	115.8863
Stddev	.0010296	.0001266	.05087	.0007401	.003081	.0030327	.3760
%RSD	.8818854	.1069144	.1230435	.1409100	.2573753	.4010595	.3244363

#1	.1174841	.1182267	41.30766	.5255204	1.193689	.7579063	115.6455
#2	.1155680	.1184531	41.31707	.5257626	1.199061	.7579655	115.6939
#3	.1171790	.1184379	41.40010	.5243769	1.198990	.7526833	116.3196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.493689	34.16706	1.245818	.1222865	55.85061	1.317135	1.476803
Stddev	.013353	.18381	.002693	.0004456	.26526	.007075	.029432
%RSD	.5354797	.5379738	.2161737	.3644161	.4749403	.5371787	1.992979

#1	2.487767	33.96316	1.243927	.1217833	55.65966	1.313084	1.450678
#2	2.484322	34.32003	1.244626	.1224448	55.73868	1.313017	1.471040
#3	2.508979	34.21799	1.248902	.1226314	56.15348	1.325305	1.508690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.368756	3.395203	.3169028	.0221410	38.24430	4.927299	.0405578
Stddev	.018976	.010527	.0009414	.0000806	.18418	.020714	.0007982
%RSD	.3534488	.3100663	.2970761	.3641789	.4815929	.4203862	1.968157

#1	5.371079	3.383729	.3163039	.0222061	38.07283	4.912870	.0397430
#2	5.348725	3.397465	.3179879	.0220508	38.43899	4.917994	.0413383
#3	5.386463	3.404416	.3164165	.0221662	38.22109	4.951034	.0405921

Sample Name: J3654-16 Acquired: 6/27/2018 13:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.004161	.1027303	.5271619
Stddev	.004323	.0007608	.0006178
%RSD	.4305098	.7405666	.1171914

#1	1.006192	.1035824	.5275318
#2	1.007094	.1021190	.5275053
#3	.999196	.1024897	.5264488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.795	1774.208	45954.55	5170.037	2824.400
Stddev	6.259	3.680	82.43	16.641	4.992
%RSD	.3618191	.2074047	.1793670	.3218804	.1767400

#1	1736.674	1777.776	46049.64	5159.911	2830.054
#2	1724.437	1774.422	45910.60	5189.243	2820.602
#3	1728.274	1770.426	45903.40	5160.956	2822.544

Sample Name: J3654-14LX5 Acquired: 6/27/2018 14:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1895028	-.002782	.0663908	-.008027	.0006811	8.237512	.0194020
Stddev	.0057386	.002983	.0027813	.002153	.0006188	.013186	.0007016
%RSD	3.028218	107.2129	4.189299	26.82669	90.84674	.1600706	3.616059

#1	.1851591	-.005972	.0694489	-.005669	.0007860	8.222619	.0186461
#2	.1960083	-.002312	.0640124	-.008521	.0000166	8.247700	.0195273
#3	.1873410	-.000062	.0657110	-.009890	.0012407	8.242215	.0200324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004475	.0005152	8.442861	.0116124	.0041185	.0356044	23.38904
Stddev	.0000457	.0000894	.028151	.0005418	.0004015	.0050498	.16751
%RSD	10.21041	17.35936	.3334248	4.665887	9.748905	14.18308	.7162064

#1	.0004236	.0005732	8.413679	.0111214	.0036569	.0359096	23.21319
#2	.0005001	.0004122	8.445051	.0115222	.0043866	.0404946	23.40719
#3	.0004187	.0005601	8.469852	.0121937	.0043121	.0304089	23.54674

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2680191	6.954015	.0118727	.0020079	11.24593	.0243397	.0779015
Stddev	.0034498	.067503	.0004069	.0006299	.04355	.0030821	.0120911
%RSD	1.287141	.9706993	3.427213	31.37119	.3872069	12.66296	15.52099

#1	.2692497	6.910596	.0114080	.0025759	11.19835	.0275763	.0906657
#2	.2641228	6.919665	.0120456	.0021172	11.25562	.0240031	.0764184
#3	.2706849	7.031784	.0121647	.0013305	11.28381	.0214397	.0666203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000881	.6641938	.0633013	.0044873	7.508435	1.028567	.0066967
Stddev	.041775	.0016276	.0012241	.0001605	.040755	.013186	.0005482
%RSD	4.173779	.2450509	1.933783	3.576719	.5427845	1.281994	8.186392

#1	1.047428	.6637735	.0619834	.0044238	7.553230	1.031942	.0060638
#2	.966647	.6628176	.0644028	.0043683	7.473547	1.014021	.0070215
#3	.988567	.6659903	.0635178	.0046699	7.498529	1.039737	.0070050

Sample Name: J3654-14LX5 Acquired: 6/27/2018 14:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2029085	.0207305	.1079448
Stddev	.0039837	.0010240	.0002663
%RSD	1.963307	4.939732	.2466644

#1	.2066087	.0198992	.1082502
#2	.1986917	.0204179	.1077613
#3	.2034250	.0218744	.1078229

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.227	1782.056	45894.98	5101.525	2974.343
Stddev	8.093	6.151	58.03	15.501	7.905
%RSD	.4653386	.3451616	.1264477	.3038497	.2657872

#1	1731.482	1785.939	45849.91	5101.325	2976.516
#2	1738.568	1785.266	45960.46	5117.125	2980.934
#3	1747.629	1774.964	45874.58	5086.125	2965.578

Sample Name: J3654-17 Acquired: 6/27/2018 14:04:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHRZ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.191216	-.009580	.5596487	-.040905	.0070989	79.27239	.3632761
Stddev	.015739	.001596	.0025878	.004010	.0013055	.21339	.0007293
%RSD	.7182994	16.66135	.4623990	9.802608	18.39013	.2691843	.2007604

#1	2.189132	-.009751	.5583790	-.036403	.0062511	79.44223	.3631802
#2	2.176623	-.011084	.5626261	-.042219	.0086023	79.34206	.3625994
#3	2.207894	-.007905	.5579410	-.044093	.0064433	79.03287	.3640486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049767	.0039120	114.0466	.0996586	.0868182	.2313876	251.4243
Stddev	.0000510	.0001755	.2696	.0010329	.0003356	.0048487	1.2592
%RSD	1.024566	4.485053	.2363804	1.036488	.3865190	2.095468	.5008283

#1	.0049218	.0038865	114.2200	.0997200	.0869873	.2258997	251.5872
#2	.0049858	.0037507	114.1839	.1006594	.0864317	.2331714	252.5942
#3	.0050226	.0040988	113.7360	.0985963	.0870356	.2350916	250.0916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.185228	75.69790	.2131451	.0201226	29.50249	.1595652	.8248850
Stddev	.038097	.29980	.0014070	.0001401	.18528	.0007566	.0077895
%RSD	.9102693	.3960457	.6601004	.6961081	.6280048	.4741897	.9443166

#1	4.217555	75.94321	.2116500	.0202807	29.52651	.1587384	.8305878
#2	4.194903	75.78679	.2133421	.0200727	29.30637	.1602231	.8280573
#3	4.143227	75.36372	.2144432	.0200142	29.67458	.1597342	.8160099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.018312	5.120097	.1396526	.0070375	32.26293	7.841811	-.001185
Stddev	.048571	.005191	.0029214	.0003193	.05344	.011074	.002108
%RSD	.5385801	.1013862	2.091941	4.537836	.1656256	.1412209	177.9059

#1	9.033258	5.124923	.1379779	.0067786	32.25194	7.829301	-.002366
#2	9.057653	5.120763	.1379540	.0069395	32.21583	7.845769	.001249
#3	8.964024	5.114605	.1430260	.0073944	32.32100	7.850362	-.002437

Sample Name: J3654-17 Acquired: 6/27/2018 14:04:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHRZ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0809846	.2483901	1.292661
Stddev	.0029335	.0017477	.001981
%RSD	3.622230	.7035991	.1532573

#1	.0841086	.2492300	1.291649
#2	.0782888	.2463810	1.294944
#3	.0805565	.2495592	1.291390

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.378	1763.858	45737.70	5196.392	2712.880
Stddev	9.639	8.401	312.30	10.846	9.870
%RSD	.5606015	.4763071	.6828081	.2087267	.3638303

#1	1708.558	1766.272	45394.60	5187.612	2713.756
#2	1727.046	1770.788	45813.12	5193.046	2722.283
#3	1722.530	1754.514	46005.39	5208.516	2702.601

Sample Name: J3654-18 Acquired: 6/27/2018 14:08:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.394308	-.010143	.3468700	-.033387	.0069397	59.81288	.4271843
Stddev	.003375	.004708	.0027070	.001166	.0029150	.18110	.0018121
%RSD	.2420369	46.41932	.7804035	3.492892	42.00478	.3027694	.4242026

#1	1.391126	-.014750	.3458029	-.034544	.0080730	60.02167	.4288243
#2	1.397847	-.005339	.3448592	-.033405	.0091178	59.69844	.4252389
#3	1.393950	-.010341	.3499479	-.032211	.0036282	59.71853	.4274898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034281	.0038134	80.54291	.0725834	.0509052	.2124126	188.9152
Stddev	.0001245	.0001096	.23617	.0007653	.0002599	.0032973	.6809
%RSD	3.632283	2.873613	.2932252	1.054418	.5105255	1.552322	.3604520

#1	.0034469	.0039142	80.81549	.0717039	.0508634	.2120924	189.6874
#2	.0035421	.0036968	80.39956	.0730980	.0511835	.2158583	188.4008
#3	.0032952	.0038291	80.41366	.0729483	.0506688	.2092870	188.6573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.998383	54.58771	.1243676	.0120467	33.09271	.1515059	.6171988
Stddev	.012046	.19147	.0007623	.0005853	.01652	.0032849	.0163802
%RSD	.4017334	.3507487	.6129526	4.858739	.0499329	2.168151	2.653958

#1	3.012262	54.52964	.1236161	.0121073	33.07364	.1521153	.5983067
#2	2.990653	54.43200	.1243463	.0125994	33.10165	.1544434	.6274362
#3	2.992234	54.80149	.1251403	.0114335	33.10283	.1479590	.6258536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.750800	4.796969	.2002724	.0040588	19.91175	4.807201	.0067090
Stddev	.035259	.021539	.0015341	.0002723	.09726	.053409	.0010659
%RSD	.7421782	.4490161	.7660008	6.708604	.4884696	1.111024	15.88821

#1	4.770223	4.777373	.1985033	.0042848	19.80433	4.827030	.0059698
#2	4.772078	4.793503	.2010793	.0037565	19.93708	4.847859	.0079308
#3	4.710101	4.820031	.2012346	.0041351	19.99384	4.746713	.0062262

Sample Name: J3654-18 Acquired: 6/27/2018 14:08:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS00 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9554006	.1758976	1.216923
Stddev	.0017117	.0008036	.001221
%RSD	.1791614	.4568620	.1003077

#1	.9564344	.1760228	1.216662
#2	.9563427	.1766313	1.215853
#3	.9534248	.1750388	1.218253

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.188	1775.445	45911.48	5214.323	2756.860
Stddev	8.035	8.641	69.86	20.001	6.391
%RSD	.4660213	.4866870	.1521666	.3835738	.2318293

#1	1731.184	1779.369	45944.03	5196.389	2757.854
#2	1725.968	1781.428	45959.12	5210.688	2762.695
#3	1715.412	1765.539	45831.28	5235.892	2750.030

Sample Name: J3654-19 Acquired: 6/27/2018 14:12:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.264056	-.006258	.7081480	-.028697	.0022272	55.65797	.1212298
Stddev	.006319	.004719	.0030685	.001643	.0014729	.20488	.0002400
%RSD	.4998711	75.39773	.4333131	5.725739	66.13084	.3681046	.1979649

#1	1.271278	-.002791	.7046635	-.026822	.0039265	55.75231	.1210658
#2	1.261345	-.011632	.7093343	-.029888	.0014382	55.79867	.1211183
#3	1.259546	-.004353	.7104463	-.029380	.0013170	55.42291	.1215053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032274	.0030180	55.64729	.0804069	.0323819	.2565647	173.8781
Stddev	.0001173	.0002091	.37427	.0012521	.0003410	.0024175	.9012
%RSD	3.633430	6.926954	.6725739	1.557256	1.053140	.9422673	.5183132

#1	.0030938	.0030026	55.90620	.0813054	.0326928	.2551394	174.6192
#2	.0032749	.0028170	55.81750	.0789766	.0320172	.2593560	174.1403
#3	.0033134	.0032343	55.21816	.0809386	.0324357	.2551986	172.8749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.910484	45.60770	.1075392	.0165977	36.26701	.1745998	.5684182
Stddev	.016045	.16235	.0005944	.0004811	.19365	.0046693	.0166834
%RSD	.8398637	.3559732	.5527247	2.898480	.5339641	2.674313	2.935056

#1	1.921705	45.72075	.1068763	.0164789	36.47451	.1799341	.5850578
#2	1.917642	45.68068	.1077164	.0171270	36.09108	.1726119	.5516914
#3	1.892105	45.42166	.1080248	.0161871	36.23544	.1712534	.5685053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.459947	4.538156	.1868338	.0225904	40.53842	7.145226	.0332906
Stddev	.044620	.016092	.0023815	.0001143	.04912	.084052	.0008726
%RSD	.8172243	.3546018	1.274665	.5060949	.1211664	1.176337	2.621149

#1	5.447029	4.541406	.1855810	.0224742	40.48293	7.128025	.0326559
#2	5.509600	4.520687	.1895802	.0225941	40.55599	7.236548	.0342857
#3	5.423210	4.552376	.1853402	.0227028	40.57633	7.071106	.0329303

Sample Name: J3654-19 Acquired: 6/27/2018 14:12:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4458708	.1641901	.6951889
Stddev	.0035875	.0011325	.0019641
%RSD	.8046031	.6897516	.2825216

#1	.4472177	.1638016	.6974240
#2	.4485900	.1633029	.6937388
#3	.4418048	.1654657	.6944037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.536	1793.320	46623.92	5255.823	2807.694
Stddev	6.461	.164	159.74	24.750	3.727
%RSD	.3682551	.0091278	.3426148	.4709038	.1327442

#1	1758.510	1793.225	46670.34	5266.675	2809.444
#2	1758.018	1793.509	46755.30	5227.502	2810.223
#3	1747.081	1793.227	46446.11	5273.294	2803.414

Sample Name: J3654-20 Acquired: 6/27/2018 14:16:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6293298	-.011314	.3716586	-.038323	.0059786	91.98930	.1580363
Stddev	.0041264	.002339	.0024918	.001697	.0025368	.39667	.0006261
%RSD	.6556753	20.67574	.6704542	4.426989	42.43130	.4312160	.3961947

#1	.6269791	-.009980	.3687814	-.036561	.0081757	92.29371	.1587559
#2	.6269159	-.014015	.3730938	-.039945	.0032023	91.54070	.1577368
#3	.6340943	-.009947	.3731007	-.038464	.0065580	92.13349	.1576161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045126	.0005795	75.23812	.1525555	.0546830	.2113243	253.3442
Stddev	.0001046	.0001124	.50282	.0006775	.0003023	.0015708	2.1212
%RSD	2.318077	19.39713	.6683109	.4440936	.5528553	.7433130	.8372884

#1	.0046217	.0006172	75.52789	.1533185	.0550064	.2101641	254.5462
#2	.0044131	.0006682	74.65751	.1523238	.0544075	.2131118	250.8950
#3	.0045031	.0004531	75.52897	.1520243	.0546350	.2106970	254.5915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.694540	66.89900	.1730231	.0164640	30.18435	.2566687	.6228747
Stddev	.017219	.54438	.0017643	.0003796	.21304	.0035238	.0234391
%RSD	.6390460	.8137271	1.019693	2.305412	.7058083	1.372908	3.763052

#1	2.701117	66.95888	.1724484	.0168292	30.05094	.2560025	.6337736
#2	2.675002	66.32716	.1716179	.0160715	30.07206	.2604781	.6388799
#3	2.707502	67.41095	.1750032	.0164914	30.43005	.2535255	.5959706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059690	5.716437	.2255019	.0064757	14.11821	5.301709	.0452900
Stddev	.034282	.035225	.0058952	.0006124	.05002	.015760	.0019204
%RSD	.6775501	.6162017	2.614260	9.457409	.3542841	.2972581	4.240172

#1	5.025699	5.723942	.2315280	.0065363	14.11449	5.290304	.0433063
#2	5.059114	5.678064	.2197469	.0070557	14.07015	5.295131	.0471401
#3	5.094256	5.747304	.2252308	.0058353	14.16998	5.319692	.0454234

Sample Name: J3654-20 Acquired: 6/27/2018 14:16:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.163566	.2727340	.8133430
Stddev	.012333	.0013126	.0005358
%RSD	.5700314	.4812850	.0658716

#1	2.168740	.2724351	.8136043
#2	2.149488	.2715965	.8127268
#3	2.172469	.2741702	.8136980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.304	1781.169	46188.49	5247.614	2745.449
Stddev	2.313	1.197	39.21	12.950	6.280
%RSD	.1328578	.0671951	.0848817	.2467755	.2287541

#1	1738.718	1782.329	46160.56	5252.397	2745.390
#2	1743.177	1781.242	46171.59	5257.492	2751.759
#3	1742.016	1779.938	46233.31	5232.953	2739.199

Sample Name: J3654-21 Acquired: 6/27/2018 14:20:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053624	-.006774	.0585344	.0072983	-.000345	19.81350	.1154908
Stddev	.0026690	.001858	.0016523	.0033057	.001831	.05342	.0008110
%RSD	49.77316	27.43305	2.822801	45.29419	530.1863	.2696383	.7022429

#1	.0040843	-.008398	.0583912	.0080036	-.001711	19.79419	.1147245
#2	.0084301	-.004748	.0602537	.0101945	.001735	19.77241	.1154078
#3	.0035727	-.007176	.0569584	.0036969	-.001061	19.87389	.1163402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003438	.0004953	10.51680	.0090559	.0021561	.0623932	15.90050
Stddev	.0000316	.0000459	.05965	.0004018	.0002865	.0034151	.10573
%RSD	9.191022	9.261019	.5672193	4.436868	13.28981	5.473568	.6649369

#1	.0003746	.0004976	10.44799	.0093773	.0019648	.0660655	15.82655
#2	.0003115	.0004484	10.54861	.0086055	.0020180	.0593125	16.02160
#3	.0003455	.0005400	10.55381	.0091850	.0024856	.0618015	15.85334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914405	6.670302	.0090251	.0004549	1.478447	.0207163	.2073823
Stddev	.0023548	.045678	.0008331	.0007097	.163405	.0041816	.0143494
%RSD	2.575213	.6847952	9.231002	156.0270	11.05245	20.18497	6.919283

#1	.0938062	6.686403	.0099806	.0012605	1.487103	.0223106	.2201971
#2	.0890968	6.618754	.0086432	.0001817	1.637351	.0159721	.2100711
#3	.0914186	6.705750	.0084513	-.000078	1.310886	.0238662	.1918787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.923458	6.555000	.0336866	.0021946	16.61448	1.652803	.0258765
Stddev	.031759	.032704	.0002289	.0001671	.05872	.009590	.0005500
%RSD	1.651152	.4989130	.6795727	7.614374	.3533986	.5802095	2.125437

#1	1.959370	6.562143	.0337603	.0021875	16.65496	1.649871	.0256982
#2	1.899070	6.519316	.0334299	.0023652	16.54714	1.645022	.0254377
#3	1.911933	6.583542	.0338695	.0020312	16.64134	1.663517	.0264935

Sample Name: J3654-21 Acquired: 6/27/2018 14:20:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS65 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9253714	-.000874	.1816924
Stddev	.0018911	.002127	.0005383
%RSD	.2043633	243.3470	.2962750

#1	.9232196	.000881	.1821921
#2	.9261252	-.000264	.1811224
#3	.9267694	-.003240	.1817629

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.118	1776.191	46115.96	5115.225	3035.999
Stddev	12.319	4.977	245.67	15.910	8.502
%RSD	.7124518	.2802136	.5327152	.3110319	.2800392

#1	1726.824	1780.614	46183.61	5132.675	3045.545
#2	1718.107	1770.801	45843.56	5111.475	3029.242
#3	1742.423	1777.159	46320.71	5101.525	3033.209

Sample Name: PB110570BL Acquired: 6/27/2018 14:24:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001512	-.002811	.0017128	-.002885	-.001576	-.000125	-.000310
Stddev	.001481	.002007	.0022273	.003997	.002584	.005118	.000434
%RSD	97.95027	71.38451	130.0393	138.5329	163.9713	4097.342	140.0514

#1	-.002556	-.003807	-.000795	.001678	.001348	.005028	-.000810
#2	.000183	-.004126	.003461	-.005766	-.002524	-.000195	-.000089
#3	-.002161	-.000501	.002473	-.004567	-.003552	-.005208	-.000030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000108	-.017359	-.000075	-.000039	-.003036	.0134950
Stddev	.000051	.000057	.014082	.000451	.000140	.002191	.0203099
%RSD	233.5815	52.95679	81.12224	604.0828	359.5590	72.15715	150.4996

#1	-.000030	-.000063	-.015176	-.000530	-.000050	-.002768	-.007079
#2	.000033	-.000088	-.004496	-.000065	-.000174	-.005348	.033530
#3	-.000069	-.000172	-.032405	.000371	.000106	-.000992	.014033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002054	-.008954	.0002154	.0006772	.1182491	.0022392	.0056296
Stddev	.000704	.017923	.0002227	.0009668	.1948378	.0012179	.0109466
%RSD	34.27921	200.1647	103.4016	142.7578	164.7690	54.38892	194.4477

#1	-.001532	-.001921	-.000034	-.000303	.3431008	.0020578	.0181684
#2	-.002855	-.029328	.000287	.001631	.0123844	.0035376	.0007427
#3	-.001776	.004386	.000393	.000704	-.000738	.0011222	-.002022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081442	-.002488	-.003879	.0001825	.0086882	.0003903	-.000696
Stddev	.019194	.001071	.000493	.0001116	.0032951	.0008307	.000678
%RSD	23.56741	43.02305	12.69905	61.16737	37.92575	212.8209	97.42114

#1	-.072755	-.001281	-.004438	.0000537	.0055429	.0000127	-.000884
#2	-.068127	-.002863	-.003691	.0002513	.0084068	-.000185	.000056
#3	-.103443	-.003321	-.003508	.0002425	.0121149	.001343	-.001261

Sample Name: PB110570BL Acquired: 6/27/2018 14:24:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003637	-.001833	-.000001
Stddev	.0015702	.000913	.000061
%RSD	431.7718	49.77812	4080.748

#1	-.000974	-.002540	.000033
#2	.002092	-.000803	-.000072
#3	-.000027	-.002157	.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.006	1779.108	45796.28	5009.917	3013.968
Stddev	3.850	3.782	108.06	4.262	5.155
%RSD	.2227837	.2125618	.2359532	.0850741	.1710493

#1	1725.543	1782.085	45689.83	5011.450	3011.353
#2	1726.033	1780.387	45793.15	5013.200	3019.907
#3	1732.442	1774.853	45905.88	5005.100	3010.645

Sample Name: PB110570BS Acquired: 6/27/2018 14:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.0184925	.0467049	.0209697	.0694229	.1143761	.3883937
Stddev	.0050994	.0007945	.0018794	.0048423	.0017331	.0115286
%RSD	27.57529	1.700989	8.962585	6.975080	1.515218	2.968282

#1	.0198483	.0462196	.0221597	.0672868	.1124736	.3891597
#2	.0128523	.0476217	.0219465	.0749660	.1147900	.3765012
#3	.0227769	.0462734	.0188030	.0660160	.1158648	.3995202

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4039740	.0104792	.0100893	10.00986	.0214132	.0971883
Stddev	.0018953	.0001241	.0000222	.07977	.0004716	.0005888
%RSD	.4691669	1.183802	.2197003	.7969147	2.202430	.6058272

#1	.4048542	.0104685	.0100649	10.00053	.0213690	.0971424
#2	.4052691	.0106083	.0100948	10.09389	.0219053	.0966238
#3	.4017986	.0103608	.0101082	9.93517	.0209652	.0977987

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486039	.2359600	.0311734	9.629717	.0817491	.0201565
Stddev	.0010082	.0122567	.0011862	.098733	.0004009	.0004006
%RSD	2.074283	5.194399	3.805142	1.025295	.4903875	1.987349

#1	.0477798	.2488614	.0311520	9.589739	.0813024	.0205311
#2	.0483037	.2244703	.0323701	9.742170	.0818675	.0197342
#3	.0497281	.2345483	.0299980	9.557243	.0820775	.0202042

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.894388	.1074791	.1110234	9.725702	.0246119	F .0156955
Stddev	.116070	.0022992	.0094227	.066600	.0026137	.0025665
%RSD	1.173088	2.139187	8.487122	.6847800	10.61978	16.35161

#1	10.02663	.1069385	.1084260	9.773880	.0222152	.0186273
#2	9.84715	.1100004	.1031719	9.753523	.0242215	.0146046
#3	9.80939	.1054984	.1214724	9.649703	.0273988	.0138548

Sample Name: PB110570BS Acquired: 6/27/2018 14:28:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.0199927	.1818040	.2006448	F .0135118	.2046109	.0950730
Stddev	.0001716	.0067358	.0019462	.0017012	.0015699	.0025955
%RSD	.8584560	3.704970	.9699647	12.59060	.7672755	2.729985

#1	.0197984	.1755879	.1998203	.0140090	.2036677	.0967838
#2	.0200558	.1889606	.2028675	.0116173	.2064232	.0963486
#3	.0201238	.1808635	.1992465	.0149090	.2037417	.0920865

Elem	Sr4077
Units	ppm
Avg	.2036978
Stddev	.0008188
%RSD	.4019566

#1	.2039325
#2	.2043736
#3	.2027873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.867	1766.154	45325.71	5014.792	2982.121
Stddev	4.843	3.491	28.93	27.089	8.050
%RSD	.2814400	.1976719	.0638298	.5401882	.2699556

#1	1720.553	1767.001	45349.95	5042.375	2990.371
#2	1725.860	1769.143	45333.52	4988.225	2981.707
#3	1716.189	1762.317	45293.68	5013.775	2974.286

Sample Name: J3658-01 Acquired: 6/27/2018 14:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7824089	-.009947	.2449560	-.038012	.0070457	74.74796	.1014663
Stddev	.0134749	.002016	.0021334	.004022	.0006395	.18052	.0006666
%RSD	1.722239	20.27196	.8709127	10.57952	9.076447	.2415066	.6569131

#1	.7672433	-.009867	.2450858	-.036491	.0075950	74.65544	.1014272
#2	.7930047	-.012002	.2427607	-.034973	.0071985	74.95598	.1021515
#3	.7869788	-.007972	.2470214	-.042573	.0063437	74.63244	.1008202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032735	.0015409	152.8720	.1330141	.0391061	.1405196	203.5621
Stddev	.0001199	.0000934	.3222	.0001750	.0005206	.0045494	.6662
%RSD	3.663845	6.058132	.2107338	.1315964	1.331128	3.237573	.3272608

#1	.0031379	.0015878	152.7053	.1332087	.0397001	.1423702	202.9164
#2	.0033171	.0016015	153.2433	.1329640	.0387296	.1438521	204.2471
#3	.0033655	.0014334	152.6673	.1328696	.0388886	.1353365	203.5229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.905531	63.72642	.1177927	.0004393	35.31929	.2080310	.4788200
Stddev	.004742	.15223	.0005709	.0010371	.06794	.0058152	.0114925
%RSD	.1632088	.2388811	.4846273	236.0806	.1923606	2.795350	2.400174

#1	2.904560	63.67186	.1175882	-.000647	35.30713	.2138444	.4658365
#2	2.910684	63.89841	.1173522	.001418	35.25825	.2022141	.4829350
#3	2.901350	63.60899	.1184376	.000547	35.39249	.2080345	.4876885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.812325	4.398324	.2380538	.0060158	20.17296	3.706729	.0033353
Stddev	.079798	.025750	.0018915	.0002678	.13320	.007787	.0001215
%RSD	1.658210	.5854569	.7945696	4.451846	.6602968	.2100784	3.641988

#1	4.894762	4.381538	.2389555	.0060685	20.05952	3.714266	.0032383
#2	4.806755	4.385463	.2393257	.0057255	20.13973	3.707205	.0034715
#3	4.735457	4.427972	.2358802	.0062533	20.31963	3.698714	.0032959

Sample Name: J3658-01 Acquired: 6/27/2018 14:32:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.302780	.2306246	1.464605
Stddev	.005545	.0007048	.005495
%RSD	.4256427	.3056015	.3751846

#1	1.303298	.2305046	1.464453
#2	1.308048	.2313817	1.470175
#3	1.296993	.2299875	1.459188

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.105	1738.171	45188.47	5139.620	2705.407
Stddev	1.606	8.320	136.87	17.360	10.756
%RSD	.0945224	.4786838	.3028809	.3377593	.3975906

#1	1697.384	1742.059	45115.76	5129.195	2710.167
#2	1700.564	1743.836	45346.35	5130.006	2712.962
#3	1699.367	1728.619	45103.31	5159.660	2693.092

Sample Name: J3658-02 Acquired: 6/27/2018 14:36:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6898658	-.009259	.1464743	-.030404	.0049814	43.63280	.0560463
Stddev	.0030440	.005949	.0038450	.002836	.0012374	.05252	.0001344
%RSD	.4412455	64.24752	2.625016	9.328042	24.84008	.1203772	.2398741

#1	.6890899	-.015781	.1440526	-.029257	.0058080	43.68792	.0559564
#2	.6872849	-.004131	.1444626	-.028321	.0055775	43.58333	.0559816
#3	.6932227	-.007866	.1509078	-.033634	.0035588	43.62714	.0562008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025383	.0022904	109.4420	.0502341	.0367094	.1565524	156.8705
Stddev	.0001186	.0000194	.4304	.0004918	.0002815	.0047620	.4294
%RSD	4.673133	.8476738	.3932947	.9791149	.7668640	3.041767	.2737396

#1	.0024182	.0022874	109.9389	.0507617	.0364628	.1522215	157.3373
#2	.0025413	.0022726	109.2040	.0497883	.0366495	.1616519	156.7820
#3	.0026554	.0023111	109.1832	.0501523	.0370161	.1557839	156.4923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.858661	55.65478	.1012680	.0071316	24.49156	.0858087	.4072507
Stddev	.019609	.36127	.0006300	.0004281	.16943	.0025339	.0092025
%RSD	.5081939	.6491227	.6221643	6.002364	.6918089	2.952954	2.259667

#1	3.880780	55.98570	.1012500	.0073080	24.68331	.0875721	.4009479
#2	3.843409	55.70928	.1006471	.0074433	24.36203	.0829050	.4178111
#3	3.851793	55.26936	.1019068	.0066435	24.42934	.0869488	.4029932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.836336	3.154901	.0844595	.0074092	12.10311	1.014502	-.001353
Stddev	.076701	.012589	.0029453	.0002350	.01922	.005969	.001742
%RSD	2.704227	.3990156	3.487258	3.171479	.1588124	.5883331	128.7913

#1	2.895081	3.141554	.0874130	.0071421	12.09430	1.021010	-.002520
#2	2.749563	3.166561	.0844431	.0075844	12.12515	1.013213	-.002187
#3	2.864365	3.156587	.0815224	.0075010	12.08987	1.009284	.000650

Sample Name: J3658-02 Acquired: 6/27/2018 14:36:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS12 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0995539	.1398929	1.346449
Stddev	.0011681	.0017435	.004494
%RSD	1.173375	1.246329	.3338003

#1	.0990626	.1414313	1.350504
#2	.1008874	.1402483	1.347226
#3	.0987116	.1379990	1.341617

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.275	1740.299	45151.18	5079.971	2728.167
Stddev	5.800	4.425	86.61	30.317	4.695
%RSD	.3405258	.2542564	.1918241	.5968042	.1720803

#1	1709.941	1745.184	45227.23	5049.650	2732.767
#2	1699.381	1739.150	45056.91	5079.978	2728.352
#3	1700.503	1736.562	45169.39	5110.285	2723.383

Sample Name: J3658-03 Acquired: 6/27/2018 14:40:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4822550	-.005615	.1644995	-.023986	.0029949	43.40906	.0662365
Stddev	.0019420	.003871	.0006426	.002459	.0029007	.09688	.0003208
%RSD	.4026935	68.93875	.3906163	10.25104	96.85421	.2231886	.4842888

#1	.4803605	-.008482	.1651729	-.026814	.0044366	43.32661	.0662947
#2	.4842413	-.007150	.1638930	-.022356	-.000344	43.38482	.0665241
#3	.4821631	-.001212	.1644326	-.022787	.004892	43.51577	.0658906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022781	.0029408	63.60719	.0610264	.0264454	.0943636	138.7555
Stddev	.0000296	.0001137	.47022	.0003872	.0004682	.0035966	1.2167
%RSD	1.301129	3.867497	.7392512	.6345205	1.770507	3.811407	.8768356

#1	.0023082	.0028764	63.37092	.0608424	.0260023	.0946996	137.8868
#2	.0022489	.0028740	63.30197	.0607654	.0263987	.0906108	138.2337
#3	.0022771	.0030722	64.14869	.0614713	.0269352	.0977803	140.1460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322053	45.61910	.0794565	.0083316	32.46995	.1038006	.4902488
Stddev	.025943	.37288	.0003366	.0002036	.32236	.0035795	.0131520
%RSD	1.117250	.8173878	.4235814	2.443840	.9927938	3.448450	2.682719

#1	2.314430	45.33386	.0795391	.0081232	32.16703	.1060149	.5038730
#2	2.300775	45.48239	.0797440	.0085301	32.43407	.0996710	.4776262
#3	2.350954	46.04104	.0790863	.0083414	32.80874	.1057160	.4892472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.270205	2.888946	.0985465	.0182949	13.03517	1.285989	.0029340
Stddev	.026524	.018147	.0056912	.0004298	.07129	.009439	.0018134
%RSD	.8110832	.6281526	5.775130	2.349300	.5469367	.7339747	61.80747

#1	3.279820	2.891627	.0994166	.0180323	13.07508	1.277291	.0039766
#2	3.290582	2.869607	.0924704	.0187909	12.95286	1.296026	.0039854
#3	3.240215	2.905603	.1037526	.0180615	13.07758	1.284652	.0008400

Sample Name: J3658-03 Acquired: 6/27/2018 14:40:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS13 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1619664	.1358718	.7578964
Stddev	.0032401	.0008532	.0012927
%RSD	2.000468	.6279350	.1705639

#1	.1585463	.1368355	.7566171
#2	.1649900	.1352126	.7592021
#3	.1623630	.1355675	.7578700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.265	1762.510	45590.68	5127.015	2803.693
Stddev	8.551	6.849	185.16	16.034	4.987
%RSD	.4965246	.3885653	.4061327	.3127297	.1778814

#1	1719.348	1766.605	45398.10	5145.305	2806.092
#2	1731.893	1766.322	45606.54	5115.383	2807.027
#3	1715.553	1754.604	45767.40	5120.356	2797.960

Sample Name: J3658-04 Acquired: 6/27/2018 14:45:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.474815	-.006206	.4437332	-.039342	.0055460	60.93658	.2621645
Stddev	.012500	.002581	.0028509	.004428	.0006599	.16944	.0005903
%RSD	.5050839	41.58724	.6424735	11.25384	11.89920	.2780547	.2251727

#1	2.483146	-.006832	.4412508	-.042569	.0061496	61.08196	.2628447
#2	2.460442	-.003369	.4431021	-.034295	.0056472	60.75050	.2618631
#3	2.480857	-.008415	.4468467	-.041164	.0048414	60.97727	.2617858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039115	.0038175	134.9078	.0711385	.0605900	.2850107	216.1328
Stddev	.0000415	.0000850	.9568	.0009187	.0003923	.0033724	1.5400
%RSD	1.059862	2.226471	.7092107	1.291372	.6475217	1.183272	.7125263

#1	.0038787	.0037748	135.7008	.0705702	.0602956	.2889006	217.5926
#2	.0039581	.0037623	133.8451	.0706470	.0604389	.2832249	214.5235
#3	.0038976	.0039153	135.1774	.0721984	.0610354	.2829067	216.2823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873783	70.36696	.1593063	.0117926	21.23033	.1228182	.6064696
Stddev	.046641	.40840	.0011146	.0004070	.21636	.0034612	.0057436
%RSD	.9569757	.5803861	.6996496	3.450961	1.019130	2.818110	.9470520

#1	4.917835	70.69109	.1591486	.0121491	21.25953	.1253716	.6130902
#2	4.824926	69.90825	.1582789	.0118795	21.00085	.1188788	.6028211
#3	4.878588	70.50152	.1604913	.0113493	21.43061	.1242042	.6034975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.659830	3.964997	.1179827	.0111468	25.22572	6.212335	-.000026
Stddev	.053234	.026523	.0032781	.0002100	.15311	.011482	.001140
%RSD	.7993237	.6689255	2.778435	1.883468	.6069735	.1848212	4302.881

#1	6.652364	3.976870	.1208199	.0110791	25.20992	6.225478	.000979
#2	6.610724	3.934612	.1143942	.0109790	25.08111	6.204253	.000205
#3	6.716403	3.983509	.1187341	.0113822	25.38611	6.207274	-.001264

Sample Name: J3658-04 Acquired: 6/27/2018 14:45:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS14 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1060546	.1904460	1.714621
Stddev	.0014629	.0014333	.004986
%RSD	1.379371	.7526022	.2907690

#1	.1045311	.1891645	1.716946
#2	.1074481	.1919938	1.708897
#3	.1061847	.1901798	1.718019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.270	1752.735	45712.20	5178.661	2720.669
Stddev	8.711	.809	192.84	26.293	5.490
%RSD	.5069582	.0461403	.4218575	.5077188	.2017820

#1	1720.952	1752.587	45490.22	5150.890	2715.062
#2	1725.324	1752.010	45838.37	5203.172	2726.033
#3	1708.533	1753.607	45808.01	5181.920	2720.912

Sample Name: J3658-05 Acquired: 6/27/2018 14:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3431236	-.009852	.3440480	-.036608	.0043522	71.71429	.0886828
Stddev	.0052327	.001590	.0023741	.003020	.0023730	.20111	.0002956
%RSD	1.525024	16.14194	.6900494	8.249866	54.52366	.2804379	.3332908

#1	.3373980	-.009588	.3421796	-.035894	.0061477	71.94500	.0887861
#2	.3476581	-.011558	.3467195	-.039920	.0052470	71.57598	.0889129
#3	.3443146	-.008410	.3432451	-.034008	.0016619	71.62189	.0883494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033022	.0000954	101.0206	.1324844	.0365316	.1335668	197.4972
Stddev	.0000842	.0002293	.2303	.0017721	.0004922	.0032233	.4143
%RSD	2.548636	240.4642	.2280033	1.337599	1.347399	2.413227	.2097647

#1	.0033295	-.000102	101.1804	.1323106	.0360804	.1372422	197.6840
#2	.0033694	.000347	101.1249	.1308056	.0370565	.1322374	197.7851
#3	.0032078	.000041	100.7566	.1343370	.0364580	.1312209	197.0224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.830627	52.87380	.1057847	-.001331	39.82831	.1905918	.5067702
Stddev	.010557	.41767	.0004935	.000162	.07323	.0065857	.0101463
%RSD	.5766989	.7899299	.4665086	12.19172	.1838527	3.455392	2.002146

#1	1.825126	52.79608	.1054404	-.001371	39.78236	.1931082	.5139301
#2	1.842799	53.32487	.1055635	-.001153	39.78981	.1955483	.5112213
#3	1.823957	52.50046	.1063501	-.001470	39.91275	.1831190	.4951591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.525593	5.974370	.2598135	.0083688	14.39259	3.009780	.0175541
Stddev	.023652	.051821	.0032612	.0002969	.09469	.003714	.0024932
%RSD	.5226194	.8673964	1.255210	3.547805	.6578870	.1233920	14.20268

#1	4.505538	5.961703	.2578986	.0084130	14.36595	3.011524	.0146779
#2	4.551675	5.930056	.2579627	.0086412	14.31407	3.012301	.0188867
#3	4.519566	6.031351	.2635790	.0080523	14.49774	3.005515	.0190978

Sample Name: J3658-05 Acquired: 6/27/2018 14:49:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8507522	.2148100	.8227947
Stddev	.0029331	.0006543	.0014113
%RSD	.3447689	.3046133	.1715288

#1	.8510441	.2154762	.8221747
#2	.8476840	.2147855	.8217994
#3	.8535285	.2141682	.8244099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.012	1751.770	45199.67	5131.870	2741.618
Stddev	8.199	3.304	88.37	24.425	3.128
%RSD	.4828595	.1885988	.1955044	.4759447	.1140995

#1	1688.546	1754.790	45097.80	5104.358	2741.351
#2	1702.904	1752.280	45245.54	5140.254	2744.872
#3	1702.585	1748.241	45255.67	5150.999	2738.632

Sample Name: J3658-06 Acquired: 6/27/2018 14:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4515290	-.008673	.2437373	-.029706	.0050271	51.53869	.0640187
Stddev	.0039508	.001398	.0001613	.003993	.0010808	.19802	.0008824
%RSD	.8749801	16.11461	.0661708	13.44060	21.50000	.3842116	1.378303

#1	.4490516	-.009668	.2436599	-.025668	.0055925	51.63434	.0639891
#2	.4494501	-.007075	.2436294	-.033652	.0037808	51.31100	.0631515
#3	.4560851	-.009277	.2439227	-.029798	.0057079	51.67072	.0649155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026523	.0023387	112.2975	.0707547	.0300565	.1249651	162.0600
Stddev	.0000688	.0001189	.6631	.0006246	.0002666	.0040438	.5514
%RSD	2.593122	5.081855	.5905025	.8828040	.8869812	3.235975	.3402612

#1	.0026196	.0024429	112.2310	.0714579	.0297957	.1253159	161.7108
#2	.0027314	.0022092	111.6701	.0702641	.0303285	.1207573	161.7735
#3	.0026061	.0023638	112.9913	.0705420	.0300452	.1288221	162.6957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.170804	48.53330	.0880738	.0032756	42.42490	.1363506	.4773526
Stddev	.010620	.36043	.0003978	.0004332	.45584	.0023206	.0180830
%RSD	.4892265	.7426537	.4516953	13.22396	1.074458	1.701933	3.788183

#1	2.164290	48.22526	.0876659	.0033684	42.53228	.1390301	.4842467
#2	2.165063	48.44495	.0884607	.0028035	41.92496	.1350087	.4909745
#3	2.183059	48.92969	.0880947	.0036548	42.81746	.1350129	.4568367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.918908	3.639333	.1702085	.0173766	24.97601	2.002984	.0136072
Stddev	.059736	.023010	.0037802	.0004520	.14414	.026864	.0009780
%RSD	1.524297	.6322597	2.220949	2.600931	.5771069	1.341210	7.187475

#1	3.984890	3.651654	.1670832	.0178271	25.11929	2.001785	.0128303
#2	3.903329	3.612786	.1744102	.0173795	24.83103	1.976740	.0132858
#3	3.868505	3.653559	.1691321	.0169232	24.97770	2.030429	.0147054

Sample Name: J3658-06 Acquired: 6/27/2018 14:53:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4288476	.1582606	1.152496
Stddev	.0037556	.0011366	.003984
%RSD	.8757442	.7181772	.3456668

#1	.4301107	.1569698	1.155595
#2	.4246233	.1587003	1.148003
#3	.4318088	.1591116	1.153891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.005	1755.600	45374.43	5130.598	2753.861
Stddev	2.282	5.749	119.35	53.143	5.284
%RSD	.1337126	.3274846	.2630345	1.035814	.1918823

#1	1709.324	1757.985	45442.47	5109.466	2753.692
#2	1706.929	1759.773	45444.19	5191.057	2759.227
#3	1704.761	1749.042	45236.62	5091.272	2748.663

Sample Name: J3650-09A Acquired: 6/27/2018 14:57:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS59A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023856	-.002238	.0033034	-.006927	-.001694	.1818295	.0026426
Stddev	.0032587	.003248	.0023866	.000707	.000844	.0054538	.0003001
%RSD	136.6010	145.1208	72.24833	10.20395	49.79668	2.999398	11.35602

#1	-.001364	-.005932	.0007213	-.006890	-.000723	.1870218	.0028030
#2	.004530	-.000956	.0037602	-.006240	-.002240	.1761473	.0022964
#3	.003991	.000173	.0054285	-.007652	-.002120	.1823194	.0028285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000385	.0000028	5.452241	.0002000	-.000212	.0017684	.1654051
Stddev	.0000363	.0000743	.006890	.0001011	.000123	.0022196	.0148113
%RSD	94.32800	2618.413	.1263661	50.57417	57.96535	125.5110	8.954563

#1	.0000049	.0000122	5.444523	.0002880	-.000156	.0008768	.1705818
#2	.0000770	.0000721	5.457771	.0002224	-.000353	.0042952	.1769333
#3	.0000336	-.000076	5.454428	.0000895	-.000128	.0001333	.1487003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050079	7.021382	.0007728	.0004899	48.74827	.1032029	.0111995
Stddev	.0008620	.086266	.0001422	.0002841	.38262	.0032254	.0110755
%RSD	17.21385	1.228620	18.39663	57.99336	.7848851	3.125287	98.89305

#1	.0044351	7.002433	.0007350	.0001723	48.39521	.1067004	-.000331
#2	.0059993	7.115547	.0006534	.0005776	49.15482	.1003456	.021756
#3	.0045892	6.946166	.0009301	.0007198	48.69479	.1025627	.012174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.565209	.0064920	.0298414	.0001848	5.740799	.9197364	-.000448
Stddev	.030072	.0023428	.0003233	.0001159	.046697	.0106765	.000359
%RSD	1.921265	36.08724	1.083296	62.68845	.8134227	1.160820	79.95785

#1	1.573109	.0091921	.0302091	.0000714	5.689146	.9087071	-.000861
#2	1.590543	.0049973	.0297134	.0003030	5.753226	.9300211	-.000267
#3	1.531976	.0052867	.0296018	.0001801	5.780026	.9204811	-.000217

Sample Name: J3650-09A Acquired: 6/27/2018 14:57:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS59A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027590	-.000760	.0837506
Stddev	.0012338	.000456	.0000852
%RSD	44.71999	60.01916	.1017769

#1	.0016132	-.000282	.0836930
#2	.0040652	-.001190	.0838485
#3	.0025986	-.000808	.0837103

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.218	1828.802	46544.68	5134.683	3053.932
Stddev	10.911	10.773	223.81	31.265	11.044
%RSD	.6080993	.5890651	.4808446	.6089010	.3616300

#1	1795.916	1840.062	46316.66	5169.625	3064.706
#2	1804.180	1827.750	46764.03	5109.350	3054.452
#3	1782.558	1818.594	46553.36	5125.075	3042.637

Sample Name: CCV043 Acquired: 6/27/2018 15:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929069	4.845715	24.45101	4.768375	4.816754	403.8791	9.971282
Stddev	.020062	.040071	.05014	.024442	.017112	1.3442	.024699
%RSD	.4070209	.8269309	.2050789	.5125872	.3552590	.3328256	.2477005

#1	4.908522	4.872893	24.45511	4.750577	4.806543	402.9209	9.988305
#2	4.930076	4.799696	24.39895	4.758305	4.807210	403.3006	9.942954
#3	4.948609	4.864555	24.49898	4.796244	4.836510	405.4157	9.982587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4965644	2.474021	406.4437	15.07315	2.485624	14.92932	413.9918
Stddev	.0030707	.005164	2.6493	.01929	.003113	.04269	2.5559
%RSD	.6183856	.2087439	.6518253	.1279731	.1252568	.2859156	.6173914

#1	.4954758	2.472608	403.7521	15.09142	2.484958	14.88183	411.5719
#2	.4941863	2.469710	406.5304	15.05299	2.482898	14.94163	413.7385
#3	.5000311	2.479745	409.0486	15.07505	2.489017	14.96449	416.6649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68918	402.5443	2.468304	1.240565	404.8278	2.467300	14.89640
Stddev	.11542	2.8025	.006167	.004111	1.9217	.008254	.02338
%RSD	.7857364	.6962052	.2498605	.3314182	.4746882	.3345162	.1569523

#1	14.56010	399.5280	2.463004	1.244152	403.1359	2.461737	14.87471
#2	14.72503	403.0375	2.466835	1.236078	404.4304	2.463379	14.89334
#3	14.78243	405.0675	2.475073	1.241464	406.9171	2.476782	14.92117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2295	5.285144	4.958448	4.797978	5.130673	4.890341	4.953468
Stddev	.1406	.028925	.035850	.018251	.026717	.020790	.019173
%RSD	.0935610	.5472877	.7230092	.3803862	.5207283	.4251270	.3870698

#1	150.0845	5.290653	4.941577	4.782003	5.138604	4.883343	4.951268
#2	150.2388	5.253861	4.934146	4.794062	5.100888	4.873953	4.935490
#3	150.3652	5.310918	4.999621	4.817869	5.152526	4.913727	4.973646

Sample Name: CCV043 Acquired: 6/27/2018 15:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.954520	4.972442	4.987193
Stddev	.026576	.017145	.008866
%RSD	.5364017	.3447986	.1777795

#1	4.939936	4.976022	4.985944
#2	4.938428	4.953790	4.979017
#3	4.985195	4.987515	4.996617

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.516	1479.985	40292.43	4762.442	2286.915
Stddev	2.155	6.255	121.05	14.893	7.294
%RSD	.1471694	.4226667	.3004259	.3127246	.3189610

#1	1464.165	1484.258	40322.30	4778.380	2288.308
#2	1462.557	1482.891	40159.24	4760.069	2293.412
#3	1466.825	1472.805	40395.75	4748.878	2279.024

Sample Name: CCB043 Acquired: 6/27/2018 15:05:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002942	-.001902	.0026983	-.004536	-.000917	.1288942	-.000568
Stddev	.002083	.003290	.0017659	.003260	.000749	.0056469	.000592
%RSD	70.80901	172.9593	65.44523	71.87002	81.70176	4.381044	104.2189

#1	-.000706	-.003945	.0010524	-.005192	-.001419	.1268573	-.000643
#2	-.003292	-.003655	.0045637	-.007420	-.001276	.1352770	.000058
#3	-.004827	.001893	.0024788	-.000998	-.000056	.1245484	-.001119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000817	-.000011	.0231421	.0006613	.0000194	.0001574	.0279383
Stddev	.0000481	.000087	.0072154	.0002074	.0002410	.0041876	.0119141
%RSD	58.84945	762.3677	31.17889	31.36197	1242.951	2659.744	42.64431

#1	.0000271	.000010	.0155387	.0008345	-.000158	-.001475	.0218812
#2	.0001176	.000063	.0239934	.0007179	.000294	.004915	.0202697
#3	.0001003	-.000107	.0298941	.0004315	-.000077	-.002968	.0416640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000186	.0230240	.0006016	.0004187	.0540438	.0011805	-.001195
Stddev	.000960	.0230334	.0003430	.0004472	.0648152	.0038903	.007648
%RSD	515.4922	100.0409	57.01140	106.8093	119.9307	329.5445	639.9268

#1	-.001165	.0151617	.0009363	.0002535	.1228703	.0054066	.005863
#2	.000754	.0489592	.0002509	.0009249	-.005829	-.002251	-.009322
#3	-.000148	.0049512	.0006178	.0000776	.045090	.000386	-.000126

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034668	-.003098	.0015957	.0002382	.0109874	.0015320	-.000599
Stddev	.049932	.000700	.0008716	.0002499	.0034184	.0016817	.001014
%RSD	144.0277	22.58856	54.62001	104.8856	31.11169	109.7756	169.3440

#1	-.070547	-.002467	.0025896	.0001178	.0070425	-.000293	-.001764
#2	.022357	-.002975	.0009620	.0000714	.0130774	.003018	-.000107
#3	-.055815	-.003851	.0012354	.0005255	.0128421	.001871	.000075

Sample Name: CCB043 Acquired: 6/27/2018 15:05:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001073	-.001560	.0001249
Stddev	.001169	.000618	.0000185
%RSD	108.9644	39.61318	14.82005

#1	-.001922	-.002257	.0001441
#2	-.001557	-.001078	.0001071
#3	.000260	-.001345	.0001236

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.356	1773.819	45371.27	5038.900	2999.641
Stddev	11.828	3.892	217.67	11.177	1.490
%RSD	.6835795	.2193936	.4797512	.2218184	.0496851

#1	1737.747	1773.505	45249.13	5026.500	3001.054
#2	1736.607	1777.859	45622.58	5042.000	2998.084
#3	1716.713	1770.095	45242.10	5048.200	2999.787

Sample Name: J3658-07 Acquired: 6/27/2018 15:09:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4916991	-.010818	.3121999	-.032143	.0047657	83.45127	.1048306
Stddev	.0155188	.005744	.0024532	.005330	.0011294	.05113	.0012242
%RSD	3.156161	53.09412	.7857799	16.58094	23.69844	.0612744	1.167755

#1	.4790047	-.014387	.3148730	-.038282	.0034622	83.41608	.1060535
#2	.5089995	-.013876	.3116751	-.028703	.0054526	83.42781	.1036052
#3	.4870932	-.004192	.3100515	-.029444	.0053823	83.50993	.1048331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033406	.0026519	48.83406	.1509092	.0415489	.1298465	206.7604
Stddev	.0000481	.0001338	.19867	.0004405	.0003654	.0021580	.6669
%RSD	1.439628	5.047008	.4068194	.2918720	.8794773	1.661934	.3225286

#1	.0033281	.0028064	48.99724	.1508158	.0416759	.1308802	207.3196
#2	.0033000	.0025788	48.89210	.1513888	.0411369	.1273662	206.9391
#3	.0033937	.0025706	48.61284	.1505229	.0418339	.1312933	206.0223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.226953	61.90006	.1322577	.0006643	31.98960	.2161162	.5192216
Stddev	.008029	.09953	.0010810	.0003058	.14331	.0031669	.0151901
%RSD	.3605319	.1607904	.8173612	46.03723	.4479836	1.465366	2.925554

#1	2.234721	61.78672	.1311460	.0004854	31.83051	.2151695	.5364877
#2	2.227453	61.97324	.1323218	.0004901	32.10857	.2135306	.5132623
#3	2.218687	61.94021	.1333052	.0010174	32.02973	.2196484	.5079147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.480033	4.779589	.2270479	.0165017	19.90381	1.751623	.0277855
Stddev	.087526	.025030	.0041942	.0004001	.07083	.009658	.0015999
%RSD	1.953702	.5236927	1.847275	2.424593	.3558438	.5513841	5.758056

#1	4.430442	4.756702	.2313118	.0160627	19.82614	1.743873	.0270003
#2	4.428563	4.775747	.2229270	.0168459	19.96482	1.748553	.0296263
#3	4.581094	4.806318	.2269049	.0165966	19.92047	1.762443	.0267300

Sample Name: J3658-07 Acquired: 6/27/2018 15:09:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.825691	.2530902	.5116757
Stddev	.007917	.0012474	.0012029
%RSD	.4336415	.4928699	.2350876

#1	1.822158	.2527297	.5103719
#2	1.834759	.2544782	.5127424
#3	1.820155	.2520628	.5119127

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.960	1774.829	45786.78	5182.538	2778.226
Stddev	2.312	1.640	112.65	16.218	7.300
%RSD	.1332734	.0924293	.2460235	.3129403	.2627423

#1	1732.346	1775.245	45657.66	5172.137	2786.544
#2	1736.740	1776.221	45837.76	5174.252	2775.251
#3	1735.793	1773.020	45864.93	5201.226	2772.884

Sample Name: J3658-08 Acquired: 6/27/2018 15:13:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858764	-.013728	.5247180	-.054482	.0103637	93.27522	.1430307
Stddev	.0057418	.003532	.0018587	.005442	.0026375	.06901	.0006203
%RSD	1.181733	25.73093	.3542228	9.989011	25.44941	.0739866	.4336824

#1	.4917644	-.016081	.5252809	-.050516	.0133939	93.28112	.1437459
#2	.4802930	-.015438	.5226429	-.060686	.0091135	93.20345	.1426395
#3	.4855719	-.009666	.5262301	-.052243	.0085839	93.34109	.1427066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046247	-.000243	125.6068	.1531703	.1028312	.1935774	318.6588
Stddev	.0001141	.000046	.3535	.0001423	.0009415	.0032462	.9576
%RSD	2.466546	19.06432	.2814658	.0928742	.9156225	1.676964	.3005160

#1	.0045294	-.000289	125.3043	.1532783	.1027584	.1970875	318.4119
#2	.0045934	-.000197	125.5205	.1530091	.1019282	.1929614	317.8488
#3	.0047511	-.000244	125.9955	.1532234	.1038071	.1906833	319.7157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.608990	63.19918	.2002483	-.007427	20.25512	.2446819	.8769043
Stddev	.016794	.21018	.0013487	.000879	.14929	.0056678	.0154530
%RSD	.4653404	.3325667	.6734879	11.84135	.7370381	2.316400	1.762221

#1	3.608282	63.00959	.2010183	-.006839	20.41060	.2479880	.8624345
#2	3.592561	63.16277	.1986910	-.008438	20.11291	.2381374	.8750969
#3	3.626127	63.42519	.2010355	-.007003	20.24183	.2479204	.8931815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.761641	6.215493	.2538980	.0062394	6.423673	2.645890	.0441355
Stddev	.042135	.074917	.0020422	.0004434	.053970	.019805	.0016504
%RSD	1.120117	1.205330	.8043176	7.105638	.8401662	.7485072	3.739381

#1	3.803811	6.276611	.2526349	.0058023	6.440599	2.657291	.0427848
#2	3.719542	6.131915	.2562540	.0066888	6.363269	2.623022	.0436466
#3	3.761569	6.237954	.2528051	.0062272	6.467150	2.657359	.0459751

Sample Name: J3658-08 Acquired: 6/27/2018 15:13:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.613022	.2738678	.9720677
Stddev	.008450	.0027740	.0021970
%RSD	.2338751	1.012894	.2260135

#1	3.605669	.2706986	.9745306
#2	3.611144	.2758550	.9713630
#3	3.622253	.2750499	.9703095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.564	1756.807	45420.79	5185.576	2717.850
Stddev	6.418	3.306	45.99	19.110	3.919
%RSD	.3752136	.1881723	.1012536	.3685169	.1441770

#1	1705.136	1758.107	45377.39	5178.895	2721.172
#2	1717.648	1753.049	45468.99	5207.129	2718.848
#3	1708.906	1759.266	45415.97	5170.704	2713.528

Sample Name: J3658-09 Acquired: 6/27/2018 15:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8411298	-.006830	.2425015	-.019094	.0014668	33.03719	.0850498
Stddev	.0094037	.002517	.0015967	.005736	.0010474	.13276	.0003543
%RSD	1.117980	36.84950	.6584243	30.03952	71.40372	.4018523	.4165441

#1	.8420342	-.007932	.2406599	-.024703	.0002948	32.98361	.0853924
#2	.8500485	-.008609	.2433453	-.013239	.0017945	32.93959	.0850720
#3	.8313065	-.003950	.2434992	-.019340	.0023112	33.18836	.0846849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018849	.0026128	56.84043	.0466812	.0179125	.1581792	100.3408
Stddev	.0001122	.0000593	.41656	.0002598	.0002151	.0025226	.6879
%RSD	5.954635	2.270879	.7328632	.5566303	1.200646	1.594767	.6856110

#1	.0017589	.0026186	56.39793	.0469315	.0178275	.1552760	99.5977
#2	.0019215	.0026690	56.89840	.0466992	.0177529	.1598352	100.4693
#3	.0019742	.0025508	57.22498	.0464128	.0181571	.1594265	100.9555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204700	31.72993	.0526345	.0095415	49.65705	.0956536	.3430216
Stddev	.006916	.35104	.0004315	.0004442	.23464	.0027858	.0120705
%RSD	.5741208	1.106326	.8198068	4.655212	.4725221	2.912417	3.518862

#1	1.198944	31.40290	.0522127	.0091030	49.38685	.0943387	.3487469
#2	1.202783	31.68605	.0530751	.0099911	49.80951	.0988535	.3511640
#3	1.212373	32.10085	.0526156	.0095304	49.77478	.0937685	.3291539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.217665	3.190620	.1969931	.0117639	27.02093	5.392544	.0241646
Stddev	.004549	.017576	.0010650	.0004486	.22286	.020677	.0011590
%RSD	.0871893	.5508633	.5406496	3.813675	.8247742	.3834433	4.796147

#1	5.220951	3.175204	.1957641	.0117028	26.81314	5.372244	.0231694
#2	5.212473	3.186897	.1976451	.0122399	26.99335	5.391809	.0238875
#3	5.219572	3.209759	.1975702	.0113489	27.25629	5.413579	.0254371

Sample Name: J3658-09 Acquired: 6/27/2018 15:17:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5142339	.0917611	.5542166
Stddev	.0038650	.0007668	.0006153
%RSD	.7515976	.8356463	.1110169

#1	.5101404	.0923903	.5543376
#2	.5147411	.0909070	.5547623
#3	.5178203	.0919859	.5535498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.743	1772.168	45763.53	5151.889	2821.755
Stddev	9.016	3.519	313.34	21.787	5.335
%RSD	.5218348	.1985500	.6846943	.4228967	.1890721

#1	1720.603	1776.024	45504.92	5162.104	2825.539
#2	1737.874	1771.349	46111.98	5166.692	2824.073
#3	1724.751	1769.131	45673.70	5126.871	2815.653

Sample Name: J3658-10 Acquired: 6/27/2018 15:21:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8547978	-.008343	.2427678	-.018299	.0000981	32.92321	.0848810
Stddev	.0050313	.002477	.0017113	.002280	.0005571	.12200	.0007900
%RSD	.5885895	29.68577	.7049206	12.46150	567.6803	.3705522	.9306677

#1	.8516721	-.007713	.2412388	-.015691	.0003601	33.03754	.0857327
#2	.8521198	-.011074	.2424481	-.019290	.0004760	32.79478	.0841722
#3	.8606017	-.006242	.2446164	-.019916	-.000542	32.93732	.0847382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018739	.0027263	56.12164	.0472042	.0175989	.1559025	99.09709
Stddev	.0000934	.0000626	.34668	.0003050	.0002381	.0011871	.55363
%RSD	4.983052	2.296270	.6177209	.6461649	1.352944	.7614343	.5586785

#1	.0018950	.0026547	56.47383	.0471301	.0173344	.1545889	99.70031
#2	.0019549	.0027710	55.78076	.0475395	.0177962	.1568983	98.61217
#3	.0017718	.0027530	56.11034	.0469432	.0176660	.1562205	98.97880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190851	31.38147	.0522230	.0091818	49.44915	.0996852	.3366576
Stddev	.005643	.31782	.0003912	.0007296	.29822	.0047331	.0096890
%RSD	.4738642	1.012754	.7490332	7.945886	.6030754	4.748042	2.878005

#1	1.197146	31.59916	.0524602	.0085978	49.44713	.0951815	.3456550
#2	1.186245	31.01677	.0517715	.0089479	49.15195	.0992559	.3379175
#3	1.189162	31.52850	.0524373	.0099996	49.74837	.1046184	.3264002

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.262598	3.184449	.1921655	.0117171	27.05848	5.378291	.0249837
Stddev	.082479	.010800	.0029243	.0002639	.13387	.029544	.0013172
%RSD	1.567262	.3391554	1.521763	2.252425	.4947416	.5493145	5.272198

#1	5.228835	3.182387	.1942810	.0116217	27.08439	5.388134	.0247643
#2	5.202357	3.174829	.1933872	.0115141	26.91355	5.345082	.0237901
#3	5.356601	3.196132	.1888285	.0120154	27.17751	5.401656	.0263969

Sample Name: J3658-10 Acquired: 6/27/2018 15:21:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS19D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5150542	.0928588	.5516592
Stddev	.0024557	.0008916	.0007175
%RSD	.4767873	.9601340	.1300526

#1	.5172259	.0932517	.5523874
#2	.5155474	.0934864	.5516371
#3	.5123893	.0918382	.5509530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.666	1768.230	45700.52	5170.392	2820.091
Stddev	4.131	5.449	255.80	40.457	10.943
%RSD	.2394114	.3081369	.5597402	.7824810	.3880510

#1	1725.918	1773.886	45530.10	5153.407	2829.847
#2	1729.666	1767.789	45994.66	5216.574	2822.169
#3	1721.414	1763.015	45576.79	5141.197	2808.258

Sample Name: J3658-11 Acquired: 6/27/2018 15:25:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9379205	.1123443	.2895814	.0971770	.2284794	37.61102	5.162083
Stddev	.0055629	.0021050	.0008216	.0036458	.0036214	.16266	.004990
%RSD	.5931116	1.873686	.2837143	3.751700	1.585000	.4324732	.0966719

#1	.9426179	.1147323	.2895728	.0994419	.2244087	37.68900	5.167252
#2	.9317775	.1115426	.2887642	.0929714	.2296860	37.72000	5.161703
#3	.9393662	.1107579	.2904073	.0991178	.2313434	37.42405	5.157293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254702	.1265382	57.00520	.5558534	1.277941	.7780287	103.0180
Stddev	.0003633	.0000803	.66068	.0015152	.003033	.0058129	.6712
%RSD	.2895590	.0634505	1.158987	.2725891	.2373190	.7471317	.6515133

#1	.1258417	.1265520	57.34987	.5563368	1.277253	.7823398	103.5768
#2	.1254531	.1264520	57.42227	.5541555	1.275312	.7803285	103.2036
#3	.1251157	.1266108	56.24346	.5570679	1.281259	.7714177	102.2735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.485868	31.67968	1.320504	.1290617	49.51498	1.394719	1.550605
Stddev	.018479	.18479	.002890	.0007672	.44989	.006286	.033429
%RSD	.7433534	.5833206	.2188933	.5944174	.9085876	.4506914	2.155852

#1	2.488253	31.80931	1.320582	.1296022	49.93018	1.392387	1.572417
#2	2.503039	31.76165	1.317576	.1293992	49.03700	1.401838	1.567280
#3	2.466313	31.46808	1.323355	.1281836	49.57775	1.389933	1.512119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.293018	3.171995	.1979403	.0117746	26.85234	5.408574	.0263113
Stddev	.036704	.013499	.0028403	.0003782	.07239	.022892	.0020909
%RSD	.6934363	.4255529	1.434935	3.212103	.2695927	.4232621	7.946722

#1	5.335049	3.167881	.1989042	.0120201	26.87206	5.418318	.0285363
#2	5.267292	3.161033	.2001732	.0113391	26.77213	5.424982	.0243871
#3	5.276712	3.187072	.1947435	.0119647	26.91282	5.382421	.0260107

Sample Name: J3658-11 Acquired: 6/27/2018 15:25:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5138632	.0945478	.5539313
Stddev	.0021207	.0007631	.0018426
%RSD	.4126980	.8070804	.3326352

#1	.5144510	.0945238	.5559410
#2	.5156279	.0937971	.5523217
#3	.5115105	.0953226	.5535311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.999	1738.179	44877.65	5047.196	2772.913
Stddev	13.588	2.803	288.14	41.473	4.941
%RSD	.8035246	.1612583	.6420667	.8217002	.1781986

#1	1675.384	1737.150	44562.11	5011.976	2768.404
#2	1697.484	1741.351	44944.01	5036.706	2778.195
#3	1700.130	1736.036	45126.82	5092.907	2772.140

Sample Name: J3658-09LX5 Acquired: 6/27/2018 15:29:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1857452	-.002482	.0509277	-.007063	-.001737	7.019273	.0179681
Stddev	.0046778	.002572	.0016003	.003564	.000931	.033635	.0001132
%RSD	2.518397	103.5957	3.142257	50.46367	53.61251	.4791869	.6301590

#1	.1905282	-.002081	.0517123	-.011139	-.000679	7.023405	.0180404
#2	.1811802	-.000135	.0519843	-.005516	-.002433	7.050652	.0178376
#3	.1855271	-.005231	.0490866	-.004533	-.002098	6.983763	.0180264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003225	.0004480	12.14710	.0098907	.0031332	.0364312	21.67232
Stddev	.0000692	.0000455	.11142	.0003145	.0003123	.0023426	.20766
%RSD	21.45677	10.15211	.9172814	3.180080	9.967376	6.430106	.9581982

#1	.0002820	.0004913	12.03129	.0100376	.0033500	.0342044	21.59459
#2	.0002831	.0004007	12.25355	.0095295	.0032745	.0362149	21.90763
#3	.0004024	.0004519	12.15646	.0101048	.0027753	.0388745	21.51473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2580742	6.829590	.0108503	.0019976	10.63533	.0235316	.0679737
Stddev	.0012016	.071065	.0003620	.0001848	.28878	.0005531	.0046063
%RSD	.4655828	1.040549	3.335985	9.252354	2.715246	2.350605	6.776574

#1	.2583589	6.806750	.0112596	.0021561	10.47377	.0229544	.0655264
#2	.2591079	6.909267	.0105721	.0020422	10.96872	.0240570	.0651075
#3	.2567559	6.772753	.0107193	.0017946	10.46349	.0235835	.0732870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.060633	.6412003	.0392436	.0022279	5.451964	1.163734	.0030410
Stddev	.020116	.0032619	.0014963	.0003598	.033328	.008308	.0015763
%RSD	1.896614	.5087147	3.812762	16.14953	.6113056	.7138808	51.83461

#1	1.076682	.6423758	.0375164	.0022907	5.487129	1.168340	.0026975
#2	1.038066	.6437114	.0401452	.0018408	5.447922	1.168719	.0016648
#3	1.067151	.6375135	.0400692	.0025521	5.420841	1.154144	.0047607

Sample Name: J3658-09LX5 Acquired: 6/27/2018 15:29:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS19L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1092837	.0195512	.1181726
Stddev	.0040021	.0018233	.0004735
%RSD	3.662071	9.325722	.4006568

#1	.1049475	.0178256	.1181707
#2	.1128354	.0214586	.1186470
#3	.1100683	.0193696	.1177001

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.693	1775.776	45555.76	5075.925	2954.275
Stddev	12.411	2.178	238.17	16.690	4.233
%RSD	.7158941	.1226511	.5228101	.3288046	.1432937

#1	1745.827	1778.245	45721.59	5094.950	2957.558
#2	1721.021	1774.958	45282.85	5063.750	2955.771
#3	1734.231	1774.125	45662.86	5069.075	2949.497

Sample Name: J3658-12 Acquired: 6/27/2018 15:33:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204840	-.007203	.3727821	-.019271	.0024937	35.87242	.1074550
Stddev	.016380	.003160	.0036413	.003415	.0014860	.11812	.0004752
%RSD	1.359509	43.87082	.9767904	17.72201	59.58807	.3292674	.4422638

#1	1.193747	-.008208	.3768970	-.020538	.0041545	35.91598	.1080033
#2	1.197119	-.009738	.3699763	-.021871	.0012899	35.96257	.1071990
#3	1.223653	-.003663	.3714731	-.015403	.0020367	35.73871	.1071627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021169	.0074800	33.25000	.0602573	.0210843	.2025368	105.9096
Stddev	.0000375	.0000395	.11972	.0006377	.0004746	.0060016	.5169
%RSD	1.772225	.5278759	.3600712	1.058237	2.251095	2.963212	.4880211

#1	.0021508	.0074357	33.30105	.0609022	.0205477	.2069310	106.0329
#2	.0021231	.0075117	33.33573	.0596271	.0212560	.2049807	106.3537
#3	.0020766	.0074925	33.11321	.0602425	.0214491	.1956989	105.3422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.063341	32.34839	.0602248	.0097746	68.76426	.1158420	.4409795
Stddev	.012863	.16031	.0007441	.0006957	.37321	.0018521	.0099529
%RSD	1.209714	.4955741	1.235583	7.117791	.5427378	1.598852	2.256998

#1	1.064640	32.23072	.0594416	.0101793	69.09355	.1137115	.4333385
#2	1.075506	32.53097	.0603101	.0101734	68.84037	.1167463	.4522345
#3	1.049878	32.28346	.0609225	.0089713	68.35886	.1170684	.4373656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.728603	3.360761	.2361479	.0174085	42.86601	2.731465	.0180653
Stddev	.037455	.036958	.0041392	.0005404	.33991	.016416	.0019106
%RSD	.5566557	1.099678	1.752798	3.104217	.7929649	.6010005	10.57593

#1	6.713414	3.332586	.2334164	.0174012	42.62754	2.739219	.0185605
#2	6.771267	3.347091	.2409103	.0168718	42.71525	2.712608	.0196796
#3	6.701129	3.402607	.2341170	.0179525	43.25522	2.742568	.0159559

Sample Name: J3658-12 Acquired: 6/27/2018 15:33:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5931181	.0927812	.4544897
Stddev	.0028245	.0016970	.0009677
%RSD	.4762145	1.829053	.2129148

#1	.5952360	.0917190	.4555713
#2	.5942072	.0947384	.4537061
#3	.5899112	.0918863	.4541915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.883	1784.177	46073.32	5220.134	2823.324
Stddev	6.179	3.723	195.22	28.188	4.622
%RSD	.3569815	.2086911	.4237117	.5399785	.1636987

#1	1724.666	1783.969	45882.05	5190.817	2823.283
#2	1737.023	1788.000	46272.26	5247.037	2827.966
#3	1730.959	1780.562	46065.66	5222.549	2818.723

Sample Name: J3658-13 Acquired: 6/27/2018 15:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.390883	-.006874	.4055717	-.017717	.0022757	32.17475	.0908193
Stddev	.017079	.003258	.0053365	.002594	.0018513	.01187	.0003621
%RSD	1.227915	47.38991	1.315801	14.63932	81.35207	.0368850	.3987478

#1	1.377638	-.008167	.4030743	-.018841	.0008391	32.17536	.0908143
#2	1.384851	-.003169	.4019418	-.019559	.0043649	32.16259	.0904597
#3	1.410159	-.009287	.4116990	-.014751	.0016230	32.18630	.0911840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020200	.0089106	43.92625	.0600819	.0170447	.1871441	103.9114
Stddev	.0000939	.0001260	.13754	.0006511	.0000796	.0020331	.4435
%RSD	4.645914	1.414093	.3131053	1.083765	.4673173	1.086406	.4268480

#1	.0019378	.0087661	44.00336	.0605966	.0170175	.1848798	104.0752
#2	.0019998	.0089682	44.00793	.0593499	.0169821	.1877391	104.2498
#3	.0021223	.0089976	43.76746	.0602991	.0171343	.1888133	103.4093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.324782	36.67303	.0601261	.0096767	89.98935	.1358229	.4217394
Stddev	.003019	.17932	.0005868	.0007134	.23694	.0068230	.0030653
%RSD	.2278834	.4889755	.9759494	7.372405	.2633008	5.023454	.7268222

#1	1.328267	36.82850	.0594637	.0088543	90.10250	.1376319	.4184088
#2	1.323111	36.71373	.0605808	.0100469	90.14850	.1415590	.4244421
#3	1.322969	36.47685	.0603338	.0101290	89.71704	.1282776	.4223672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.537117	3.622739	.4136518	.0480001	48.29359	2.592762	.0144624
Stddev	.066752	.011378	.0035143	.0003658	.36690	.018177	.0012127
%RSD	.8856408	.3140744	.8495888	.7620286	.7597276	.7010762	8.384852

#1	7.529812	3.611755	.4177043	.0475837	47.96795	2.574580	.0133428
#2	7.474318	3.621987	.4118082	.0482694	48.22172	2.592772	.0142939
#3	7.607220	3.634474	.4114429	.0481473	48.69111	2.610934	.0157505

Sample Name: J3658-13 Acquired: 6/27/2018 15:37:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4589844	.0826148	.5847287
Stddev	.0027640	.0021834	.0004587
%RSD	.6022038	2.642910	.0784401

#1	.4584917	.0802981	.5844096
#2	.4619617	.0846346	.5852543
#3	.4564999	.0829116	.5845222

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.762	1774.988	45900.80	5185.696	2801.644
Stddev	11.630	6.045	85.10	8.782	13.519
%RSD	.6681163	.3405627	.1853994	.1693586	.4825543

#1	1730.595	1774.364	45937.53	5178.039	2803.689
#2	1738.246	1781.320	45803.50	5183.765	2814.025
#3	1753.444	1769.278	45961.37	5195.283	2787.219

Sample Name: J3658-14 Acquired: 6/27/2018 15:41:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.930808	-.017575	.9873348	-.026051	.0062582	83.09793	.2162035
Stddev	.008556	.003560	.0034820	.007198	.0010318	.23671	.0004584
%RSD	.4431266	20.25309	.3526701	27.62980	16.48784	.2848515	.2120125

#1	1.940633	-.021524	.9888972	-.018311	.0058841	82.89974	.2166532
#2	1.926800	-.014613	.9833452	-.027297	.0074249	83.03403	.2162203
#3	1.924993	-.016589	.9897620	-.032544	.0054655	83.36003	.2157370

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046895	.0289144	145.0502	.1715680	.0445726	.4163949	229.9590
Stddev	.0000629	.0002119	1.0273	.0008982	.0003417	.0019578	1.3303
%RSD	1.340388	.7327506	.7082312	.5235081	.7665406	.4701863	.5785079

#1	.0046971	.0289311	143.9382	.1725632	.0449385	.4185658	228.4322
#2	.0046231	.0286946	145.2487	.1713230	.0442619	.4147632	230.5762
#3	.0047482	.0291174	145.9638	.1708177	.0445175	.4158556	230.8686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.623167	104.2776	.1726250	.0173227	381.9200	.4306239	.9068668
Stddev	.026985	.3574	.0013371	.0004591	1.2775	.0043335	.0088329
%RSD	1.028703	.3427143	.7745519	2.650234	.3344969	1.006335	.9740055

#1	2.593071	103.9572	.1711059	.0169284	380.6650	.4274792	.8970402
#2	2.631222	104.2125	.1731456	.0178267	381.8760	.4288253	.9094139
#3	2.645206	104.6630	.1736234	.0172130	383.2189	.4355671	.9141463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.08723	11.02786	2.292155	.2421344	172.1042	10.76288	.0373651
Stddev	.02375	.01671	.007345	.0006653	.1003	.01135	.0012568
%RSD	.0876688	.1515557	.3204609	.2747804	.0582815	.1054929	3.363658

#1	27.06084	11.00906	2.283767	.2425833	171.9916	10.75418	.0387422
#2	27.09400	11.04104	2.297435	.2413700	172.1371	10.77573	.0362799
#3	27.10686	11.03347	2.295264	.2424498	172.1840	10.75873	.0370731

Sample Name: J3658-14 Acquired: 6/27/2018 15:41:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.476919	.1906943	1.574688
Stddev	.001954	.0019469	.005311
%RSD	.1323061	1.020960	.3372829

#1	1.474672	.1888261	1.580696
#2	1.477869	.1927114	1.570617
#3	1.478217	.1905456	1.572751

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.945	1740.448	44924.83	5282.178	2518.340
Stddev	4.088	1.968	54.07	7.061	4.125
%RSD	.2406345	.1130824	.1203590	.1336768	.1637996

#1	1695.601	1742.709	44955.06	5278.979	2513.584
#2	1697.732	1739.515	44957.03	5290.272	2520.949
#3	1703.503	1739.120	44862.41	5277.282	2520.486

Sample Name: J3658-15 Acquired: 6/27/2018 16:05:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.055897	-.005217	.3530707	-.018401	.0019747	38.03376	.1145669
Stddev	.007625	.003220	.0019921	.006336	.0010859	.01457	.0003652
%RSD	.7220920	61.73091	.5642249	34.43377	54.99130	.0383008	.3187488

#1	1.048037	-.006690	.3535032	-.011614	.0021207	38.02492	.1149354
#2	1.063262	-.007437	.3508979	-.024161	.0008232	38.02578	.1145600
#3	1.056391	-.001523	.3548111	-.019428	.0029803	38.05057	.1142052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023054	.0084437	48.93573	.0751324	.0146519	.1756842	112.7264
Stddev	.0000540	.0000153	.01895	.0012966	.0000841	.0023258	.0397
%RSD	2.341677	.1815703	.0387297	1.725779	.5737586	1.323822	.0352103

#1	.0022482	.0084334	48.94064	.0739720	.0145612	.1783697	112.6807
#2	.0023126	.0084613	48.95174	.0765320	.0147272	.1743364	112.7472
#3	.0023554	.0084364	48.91480	.0748933	.0146673	.1743464	112.7514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.552493	40.11183	.0586459	.0096798	82.94112	.1301926	.3723321
Stddev	.001178	.20163	.0001534	.0007106	.38501	.0101921	.0072354
%RSD	.0758471	.5026820	.2616021	7.341120	.4641927	7.828446	1.943268

#1	1.552645	39.99775	.0585795	.0092025	82.66701	.1186480	.3646573
#2	1.551247	40.34464	.0588213	.0104965	82.77505	.1339852	.3790286
#3	1.553587	39.99309	.0585369	.0093405	83.38129	.1379446	.3733105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.911814	3.940550	.2606992	.0179122	41.24807	3.113732	.0111903
Stddev	.011978	.026719	.0014231	.0002772	.09543	.011123	.0012427
%RSD	.1513971	.6780649	.5458880	1.547324	.2313472	.3572118	11.10536

#1	7.904640	3.950691	.2593323	.0180766	41.27177	3.121808	.0114907
#2	7.925642	3.910245	.2621726	.0180679	41.14303	3.101046	.0098248
#3	7.905159	3.960715	.2605927	.0175922	41.32941	3.118343	.0122552

Sample Name: J3658-15 Acquired: 6/27/2018 16:05:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7017444	.1034907	.6478444
Stddev	.0041868	.0004471	.0009603
%RSD	.5966217	.4319754	.1482280

#1	.6969110	.1030042	.6472406
#2	.7040735	.1035845	.6489517
#3	.7042487	.1038835	.6473409

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.184	1764.622	45658.24	5180.031	2776.013
Stddev	11.193	4.018	136.05	14.398	4.718
%RSD	.6499212	.2277110	.2979835	.2779521	.1699708

#1	1709.540	1768.812	45515.55	5164.801	2781.430
#2	1730.823	1764.252	45786.51	5193.420	2772.803
#3	1726.190	1760.801	45672.64	5181.870	2773.805

Sample Name: J3658-16 Acquired: 6/27/2018 16:09:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.301625	-.012933	.4867332	-.019121	.0019521	44.34778	.1399998
Stddev	.011183	.004876	.0012753	.001795	.0025875	.03459	.0005212
%RSD	.8591574	37.70280	.2620082	9.384975	132.5481	.0779905	.3722662

#1	1.301721	-.007391	.4863492	-.021159	.0004977	44.38717	.1404511
#2	1.290395	-.014845	.4856941	-.017779	.0049396	44.32238	.1401189
#3	1.312760	-.016564	.4881564	-.018425	.0004191	44.33378	.1394294

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027780	.0104577	61.33049	.0895574	.0201792	.2087138	132.8862
Stddev	.0000116	.0001511	.05640	.0053451	.0003864	.0010244	.2511
%RSD	.4171154	1.444774	.0919551	5.968401	1.914866	.4908096	.1889868

#1	.0027790	.0102983	61.28426	.0853117	.0199497	.2086034	132.8217
#2	.0027659	.0104761	61.31387	.0878006	.0206253	.2097888	132.6737
#3	.0027890	.0105988	61.39332	.0955598	.0199626	.2077490	133.1633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653811	43.96265	.0761074	.0121019	80.99105	.1584458	.4951506
Stddev	.006404	.10339	.0004962	.0000722	.05282	.0059188	.0202937
%RSD	.3872178	.2351786	.6519900	.5970338	.0652201	3.735529	4.098500

#1	1.660643	44.02122	.0766621	.0120211	80.96500	.1592420	.4946331
#2	1.647945	43.84327	.0759543	.0121604	81.05184	.1639261	.4751205
#3	1.652845	44.02346	.0757058	.0121243	80.95632	.1521692	.5156981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.867583	5.089225	.3168275	.0212687	53.49057	4.326357	.0268923
Stddev	.015697	.059463	.0012906	.0002207	.46396	.046245	.0014590
%RSD	.1770125	1.168411	.4073542	1.037514	.8673650	1.068910	5.425509

#1	8.885215	5.097357	.3153839	.0215198	53.70331	4.299720	.0283774
#2	8.862405	5.026114	.3178699	.0211807	52.95839	4.299596	.0254608
#3	8.855130	5.144203	.3172286	.0211056	53.81000	4.379756	.0268388

Sample Name: J3658-16 Acquired: 6/27/2018 16:09:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS24 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8048928	.1221862	.7084903
Stddev	.0029770	.0007762	.0012341
%RSD	.3698597	.6352779	.1741803

#1	.8076431	.1217092	.7081512
#2	.8017318	.1217674	.7098584
#3	.8053035	.1230818	.7074612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.850	1772.268	44562.28	5209.965	2763.244
Stddev	77.030	4.590	1994.93	19.534	4.963
%RSD	4.596475	.2590074	4.476715	.3749362	.1796007

#1	1723.769	1770.440	45759.19	5212.513	2764.950
#2	1716.785	1777.491	45668.32	5228.099	2767.129
#3	1586.994	1768.873	42259.34	5189.281	2757.653

Sample Name: J3658-17 Acquired: 6/27/2018 16:13:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.771425	-.009706	.4958643	-.023084	.0005662	45.16835	.1614739
Stddev	.004091	.003618	.0039646	.002643	.0006601	.15035	.0006644
%RSD	.2309474	37.27477	.7995269	11.45151	116.5673	.3328594	.4114692

#1	1.775243	-.005591	.4913312	-.023995	.0007750	45.24900	.1621736
#2	1.767106	-.011135	.4986839	-.020105	-.000173	45.26115	.1613966
#3	1.771925	-.012390	.4975779	-.025151	.001097	44.99488	.1608516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029152	.0099545	51.37451	.0811782	.0250276	.2358874	135.9678
Stddev	.0000280	.0000243	.14732	.0006190	.0004261	.0044461	.4334
%RSD	.9599317	.2445340	.2867658	.7625218	1.702712	1.884843	.3187857

#1	.0029471	.0099738	51.23054	.0818146	.0246451	.2317405	135.7436
#2	.0029033	.0099625	51.52497	.0805782	.0249509	.2353396	136.4674
#3	.0028951	.0099271	51.36802	.0811418	.0254869	.2405819	135.6924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.724970	43.24079	.0829991	.0141269	71.12586	.1419085	.5092680
Stddev	.002230	.12734	.0003353	.0002467	.14659	.0051941	.0176888
%RSD	.1292722	.2944901	.4039708	1.746474	.2061043	3.660152	3.473380

#1	1.723917	43.37157	.0829000	.0141765	70.96190	.1422351	.4888589
#2	1.727531	43.23360	.0827246	.0143451	71.17139	.1469316	.5201754
#3	1.723461	43.11720	.0833728	.0138592	71.24428	.1365589	.5187698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.887378	4.159668	.2402816	.0191795	48.88490	2.207812	.0114942
Stddev	.089816	.036293	.0046977	.0004522	.23561	.036750	.0002706
%RSD	1.010602	.8725037	1.955073	2.357778	.4819598	1.664561	2.353936

#1	8.816915	4.179276	.2368087	.0190086	49.01419	2.246909	.0116962
#2	8.856707	4.117789	.2456267	.0196922	48.61295	2.202550	.0115996
#3	8.988512	4.181940	.2384095	.0188376	49.02755	2.173976	.0111868

Sample Name: J3658-17 Acquired: 6/27/2018 16:13:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6067959	.1254661	.6826855
Stddev	.0010148	.0009556	.0018238
%RSD	.1672348	.7615980	.2671464

#1	.6058448	.1250514	.6809694
#2	.6066787	.1265590	.6846006
#3	.6078642	.1247881	.6824864

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.673	1777.792	46103.00	5206.502	2768.593
Stddev	8.079	5.100	103.42	48.099	8.154
%RSD	.4630838	.2868774	.2243285	.9238282	.2945105

#1	1747.577	1773.490	46219.01	5167.398	2763.991
#2	1735.543	1783.426	46020.44	5191.898	2778.007
#3	1750.899	1776.461	46069.56	5260.211	2763.780

Sample Name: J3658-18 Acquired: 6/27/2018 16:17:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6848142	-.007087	.2756182	-.017166	.0013987	37.33117	.1142826
Stddev	.0088244	.003600	.0026702	.007316	.0014284	.27717	.0006179
%RSD	1.288591	50.80367	.9687886	42.61799	102.1255	.7424698	.5406679

#1	.6746659	-.010639	.2757227	-.022495	.0026786	37.40725	.1149820
#2	.6906818	-.007180	.2728973	-.008825	-.000142	37.56235	.1138107
#3	.6890949	-.003441	.2782346	-.020180	.001660	37.02390	.1140551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020686	.0075849	34.66122	.0753368	.0135916	.1661434	97.21017
Stddev	.0000487	.0002421	.35648	.0007973	.0002024	.0027853	.81172
%RSD	2.354792	3.192392	1.028481	1.058338	1.489435	1.676415	.8350145

#1	.0020124	.0076244	34.74946	.0747935	.0137470	.1674104	97.25857
#2	.0020964	.0073254	34.96530	.0749647	.0136653	.1680699	97.99661
#3	.0020970	.0078049	34.26891	.0762521	.0133627	.1629499	96.37533

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068749	36.20937	.0559892	.0079037	91.79111	.1261544	.3130811
Stddev	.007761	.31488	.0004247	.0004047	.56063	.0051336	.0065747
%RSD	.7261446	.8696053	.7585707	5.120778	.6107660	4.069317	2.099990

#1	1.069498	36.21316	.0563350	.0083178	91.73742	.1301409	.3078852
#2	1.076108	36.52233	.0561174	.0078841	92.37665	.1203618	.3108855
#3	1.060641	35.89261	.0555151	.0075091	91.25925	.1279604	.3204726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.221649	3.760139	.2572311	.0219791	40.38472	8.431429	.0079413
Stddev	.032962	.024114	.0023155	.0001575	.11871	.053745	.0008299
%RSD	.4009149	.6412952	.9001704	.7164497	.2939379	.6374325	10.45038

#1	8.216665	3.736965	.2558248	.0220556	40.26985	8.417874	.0070586
#2	8.256819	3.758359	.2599036	.0220837	40.37738	8.490654	.0080596
#3	8.191463	3.785094	.2559650	.0217980	40.50692	8.385760	.0087057

Sample Name: J3658-18 Acquired: 6/27/2018 16:17:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS26 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7744414	.0941416	.4774679
Stddev	.0039044	.0009583	.0010768
%RSD	.5041541	1.017886	.2255242

#1	.7701167	.0946650	.4781992
#2	.7777068	.0930357	.4779732
#3	.7755009	.0947242	.4762314

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.402	1795.772	46327.52	5205.148	2817.217
Stddev	13.608	1.256	284.75	30.873	4.028
%RSD	.7801225	.0699153	.6146421	.5931172	.1429699

#1	1729.138	1795.566	46023.61	5187.825	2815.514
#2	1748.805	1797.118	46588.15	5186.826	2821.817
#3	1755.265	1794.632	46370.81	5240.792	2814.321

Sample Name: J3658-19 Acquired: 6/27/2018 16:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6072400	-.006667	.2182208	-.011799	-.000640	30.63487	.0971175
Stddev	.0092619	.003587	.0025366	.002897	.000714	.01228	.0008138
%RSD	1.525250	53.80061	1.162400	24.55052	111.5715	.0400818	.8379815

#1	.6068859	-.003472	.2208711	-.014978	-.001386	30.62801	.0965324
#2	.5981602	-.005983	.2179755	-.009309	-.000570	30.64905	.0980469
#3	.6166738	-.010547	.2158157	-.011110	.000036	30.62756	.0967731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017284	.0081526	24.15833	.0635392	.0123415	.1320552	77.84708
Stddev	.0000833	.0000541	.08265	.0004341	.0002566	.0015098	.40624
%RSD	4.819093	.6640347	.3421336	.6831215	2.079498	1.143292	.5218418

#1	.0017905	.0081060	24.09046	.0632957	.0122571	.1316354	77.40290
#2	.0016337	.0082120	24.25038	.0640403	.0121377	.1307998	78.19978
#3	.0017610	.0081397	24.13416	.0632816	.0126297	.1337305	77.93855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6949334	29.99982	.0490282	.0056522	98.67191	.1111090	.2722924
Stddev	.0040058	.33244	.0005936	.0005781	.28131	.0030088	.0065423
%RSD	.5764288	1.108140	1.210793	10.22795	.2850991	2.707986	2.402691

#1	.6920658	29.78259	.0495424	.0053937	98.99305	.1137873	.2677996
#2	.6932241	30.38252	.0491637	.0052485	98.46902	.1116864	.2692791
#3	.6995103	29.83435	.0483785	.0063145	98.55367	.1078533	.2797983

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.939342	3.223814	.2454280	.0230926	40.29918	4.838099	.0115962
Stddev	.054982	.020479	.0013258	.0002698	.15500	.051204	.0008046
%RSD	.6925230	.6352447	.5402135	1.168316	.3846324	1.058342	6.938256

#1	7.951656	3.204248	.2440283	.0232148	40.20390	4.869759	.0122534
#2	7.879247	3.222097	.2455906	.0232797	40.21561	4.779025	.0106989
#3	7.987122	3.245098	.2466650	.0227834	40.47804	4.865512	.0118361

Sample Name: J3658-19 Acquired: 6/27/2018 16:21:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS27 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7315951	.0727579	.3489069
Stddev	.0038946	.0011610	.0006162
%RSD	.5323365	1.595729	.1765990

#1	.7355442	.0739344	.3495573
#2	.7277575	.0716130	.3488313
#3	.7314836	.0727263	.3483320

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.138	1755.789	45121.48	5086.985	2780.548
Stddev	9.310	3.091	197.80	7.512	3.152
%RSD	.5447018	.1760648	.4383806	.1476646	.1133648

#1	1719.549	1756.654	45288.16	5078.409	2784.159
#2	1706.254	1758.355	44902.90	5092.398	2779.134
#3	1701.612	1752.357	45173.36	5090.148	2778.349

Sample Name: J3658-20 Acquired: 6/27/2018 16:25:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6366810	-.007192	.2613590	-.015216	-.001060	37.13531	.1192606
Stddev	.0135653	.003165	.0014380	.003718	.002137	.01436	.0003803
%RSD	2.130634	44.00429	.5501894	24.43450	201.5940	.0386696	.3188621

#1	.6326040	-.010847	.2607230	-.016944	.001191	37.11994	.1189856
#2	.6518172	-.005368	.2603488	-.017755	-.003062	37.14839	.1191015
#3	.6256216	-.005362	.2630053	-.010949	-.001310	37.13759	.1196946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020858	.0057887	40.65111	.0733336	.0125183	.1533309	96.79016
Stddev	.0000332	.0000528	.24658	.0001285	.0001000	.0013554	.50271
%RSD	1.593860	.9126687	.6065807	.1751640	.7987086	.8839439	.5193859

#1	.0020914	.0058496	40.55945	.0733195	.0124168	.1519881	96.39153
#2	.0020501	.0057617	40.93039	.0734685	.0125215	.1546985	97.35491
#3	.0021159	.0057548	40.46347	.0732128	.0126167	.1533061	96.62405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.294419	36.91608	.0537226	.0073408	84.16738	.1271267	.3015607
Stddev	.011451	.29346	.0001676	.0003388	.39035	.0025487	.0096374
%RSD	.8846613	.7949449	.3120543	4.615319	.4637740	2.004813	3.195827

#1	1.288481	36.66566	.0535298	.0069562	84.54887	.1265975	.2958028
#2	1.307619	37.23900	.0538038	.0074709	84.18454	.1248841	.2961926
#3	1.287156	36.84359	.0538341	.0075952	83.76874	.1298984	.3126867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.901375	3.417293	.2361785	.0169404	32.70754	2.928494	.0072605
Stddev	.046768	.004913	.0024262	.0004730	.05969	.029425	.0008840
%RSD	.5919025	.1437767	1.027271	2.792188	.1824971	1.004774	12.17549

#1	7.847398	3.420042	.2343504	.0166820	32.66362	2.924469	.0078706
#2	7.929835	3.411620	.2389310	.0174863	32.68350	2.959723	.0062467
#3	7.926892	3.420216	.2352540	.0166529	32.77550	2.901288	.0076641

Sample Name: J3658-20 Acquired: 6/27/2018 16:25:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7583279	.0961748	.5464595
Stddev	.0011297	.0009871	.0009642
%RSD	.1489709	1.026350	.1764386

#1	.7570270	.0966868	.5463496
#2	.7590621	.0968008	.5455550
#3	.7588946	.0950369	.5474739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.042	1767.483	45619.75	5172.521	2782.678
Stddev	7.492	2.869	134.87	27.676	2.909
%RSD	.4353070	.1622954	.2956454	.5350579	.1045274

#1	1726.784	1764.192	45526.70	5176.776	2782.957
#2	1723.775	1768.804	45558.13	5142.964	2785.438
#3	1712.567	1769.452	45774.43	5197.823	2779.641

Sample Name: J3658-21 Acquired: 6/27/2018 16:29:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7135968	-.005595	.2622859	-.019178	.0000823	37.49185	.1362185
Stddev	.0122814	.004679	.0026358	.000886	.0009761	.12012	.0006124
%RSD	1.721062	83.62722	1.004941	4.618581	1186.083	.3203895	.4495559

#1	.7064188	-.007624	.2592425	-.019032	.0010362	37.35385	.1360368
#2	.7065937	-.000244	.2638372	-.018374	-.000915	37.57296	.1369012
#3	.7277778	-.008916	.2637779	-.020127	.000125	37.54874	.1357176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021379	.0061296	44.94422	.0717695	.0139528	.1499029	101.8032
Stddev	.0000894	.0000115	.25237	.0001593	.0003073	.0014082	.0565
%RSD	4.183166	.1868059	.5615205	.2219360	2.202414	.9393978	.0555199

#1	.0020347	.0061349	44.65779	.0716215	.0142834	.1514133	101.7511
#2	.0021875	.0061374	45.13390	.0719381	.0138993	.1486261	101.7951
#3	.0021915	.0061165	45.04097	.0717488	.0136758	.1496692	101.8633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.352618	37.07727	.0564239	.0066898	78.32507	.1251186	.3196741
Stddev	.006673	.20733	.0005641	.0001360	.55982	.0074152	.0017673
%RSD	.4933615	.5591828	.9997341	2.032476	.7147448	5.926514	.5528325

#1	1.346285	37.27679	.0569410	.0067912	77.78813	.1270222	.3192607
#2	1.359586	37.09210	.0565085	.0065353	78.28182	.1169372	.3216115
#3	1.351981	36.86293	.0558223	.0067429	78.90527	.1313964	.3181502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.090877	3.549498	.2468403	.0182338	35.44010	7.572231	.0097172
Stddev	.071008	.035372	.0027154	.0002307	.11559	.054393	.0010729
%RSD	.8776306	.9965437	1.100074	1.265264	.3261588	.7183184	11.04113

#1	8.020298	3.551524	.2439293	.0179678	35.48613	7.511052	.0101260
#2	8.090026	3.513156	.2472870	.0183784	35.30859	7.615124	.0085000
#3	8.162307	3.583814	.2493047	.0183554	35.52559	7.590518	.0105256

Sample Name: J3658-21 Acquired: 6/27/2018 16:29:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7582718	.0961274	.5669955
Stddev	.0080902	.0018883	.0004247
%RSD	1.066929	1.964320	.0749067

#1	.7490781	.0940190	.5667483
#2	.7614340	.0976625	.5674859
#3	.7643033	.0967008	.5667522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.029	1772.864	45793.17	5169.978	2790.030
Stddev	7.509	3.879	113.42	32.756	1.624
%RSD	.4348179	.2187903	.2476729	.6335901	.0581989

#1	1720.778	1776.492	45667.20	5207.236	2791.496
#2	1735.359	1773.324	45887.18	5156.994	2790.309
#3	1724.950	1768.776	45825.13	5145.704	2788.284

Sample Name: J3658-22 Acquired: 6/27/2018 16:33:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6308757	-.000417	.2291353	-.010240	.0006300	32.42470	.1076674
Stddev	.0086939	.001976	.0011338	.003117	.0008257	.05649	.0005597
%RSD	1.378072	473.6471	.4948180	30.44424	131.0544	.1742210	.5198481

#1	.6225973	-.002198	.2280714	-.008759	.0009076	32.45452	.1073784
#2	.6399328	-.000761	.2303280	-.008139	-.000299	32.46002	.1083125
#3	.6300971	.001708	.2290065	-.013822	.001281	32.35954	.1073112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017702	.0082534	31.23493	.0676265	.0125008	.1421667	81.36690
Stddev	.0000542	.0000621	.06310	.0002969	.0000596	.0028372	.28940
%RSD	3.064746	.7517613	.2020020	.4389628	.4765428	1.995724	.3556770

#1	.0017572	.0081873	31.29200	.0672870	.0125517	.1398443	81.70091
#2	.0017237	.0083103	31.24561	.0677554	.0124353	.1413267	81.20875
#3	.0018298	.0082627	31.16718	.0678371	.0125153	.1453291	81.19102

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9456966	32.57779	.0505627	.0057319	95.83132	.1150559	.2916029
Stddev	.0048639	.15492	.0003848	.0003542	.21192	.0045309	.0125671
%RSD	.5143216	.4755518	.7609274	6.178632	.2211411	3.937955	4.309648

#1	.9495391	32.73442	.0501188	.0054288	96.06010	.1202313	.3058218
#2	.9473227	32.42463	.0507689	.0061212	95.64173	.1131314	.2819838
#3	.9402279	32.57432	.0508004	.0056457	95.79213	.1118050	.2870032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.105397	3.218236	.2587505	.0246712	36.66717	4.076562	.0095879
Stddev	.048946	.008529	.0023457	.0001934	.11591	.018579	.0015114
%RSD	.6038652	.2650296	.9065339	.7838018	.3161225	.4557548	15.76381

#1	8.134283	3.213506	.2589551	.0246144	36.75247	4.058876	.0105920
#2	8.133024	3.228082	.2563092	.0248866	36.71385	4.074890	.0078496
#3	8.048884	3.213120	.2609872	.0245126	36.53520	4.095921	.0103221

Sample Name: J3658-22 Acquired: 6/27/2018 16:33:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7588637	.0760401	.4324341
Stddev	.0012552	.0006319	.0003334
%RSD	.1654073	.8309997	.0770992

#1	.7580850	.0754745	.4325975
#2	.7581944	.0759237	.4320505
#3	.7603118	.0767221	.4326542

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.079	1767.640	45548.83	5167.470	2794.800
Stddev	6.816	2.544	103.44	3.770	6.772
%RSD	.3971954	.1439174	.2271012	.0729638	.2422945

#1	1708.242	1770.182	45588.83	5171.691	2802.591
#2	1719.366	1767.644	45431.36	5166.284	2790.334
#3	1720.628	1765.094	45626.30	5164.436	2791.474

Sample Name: CCV044 Acquired: 6/27/2018 16:37:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940660	4.920957	24.53406	4.793582	4.808258	403.4306	9.960388
Stddev	.041975	.023831	.11715	.031626	.028324	.6405	.009364
%RSD	.8495754	.4842811	.4774918	.6597611	.5890601	.1587726	.0940087

#1	4.899295	4.918646	24.49713	4.782016	4.786638	404.1676	9.967686
#2	4.939465	4.898365	24.43982	4.769366	4.797817	403.0085	9.963648
#3	4.983219	4.945859	24.66522	4.829363	4.840320	403.1157	9.949830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009318	2.493611	405.9731	15.08121	2.505367	14.94739	411.9348
Stddev	.0026366	.010715	1.1243	.02995	.009413	.02954	1.9849
%RSD	.5263415	.4296972	.2769345	.1985859	.3757329	.1976133	.4818498

#1	.4980316	2.489828	406.9565	15.06206	2.498954	14.98149	413.7898
#2	.5015797	2.485301	404.7474	15.11572	2.500972	14.93059	409.8415
#3	.5031840	2.505704	406.2155	15.06584	2.516174	14.93008	412.1731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59524	402.0414	2.475704	1.248279	405.8431	2.462153	14.80539
Stddev	.04549	1.4822	.012162	.002143	.4048	.012114	.06698
%RSD	.3116586	.3686701	.4912570	.1716836	.0997418	.4919952	.4524101

#1	14.64550	403.7365	2.472184	1.246275	405.6549	2.475096	14.83057
#2	14.55690	401.3983	2.465691	1.248024	405.5667	2.451088	14.72947
#3	14.58332	400.9893	2.489238	1.250538	406.3078	2.460277	14.85614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.2307	5.448856	4.995298	4.819462	5.242971	4.937492	4.988769
Stddev	.1030	.015063	.017800	.022224	.017656	.021729	.024481
%RSD	.0685613	.2764361	.3563440	.4611293	.3367581	.4400788	.4907233

#1	150.1546	5.444077	4.980394	4.806447	5.223663	4.918682	4.966204
#2	150.3479	5.436763	4.990492	4.806816	5.246957	4.932517	4.985305
#3	150.1894	5.465729	5.015008	4.845123	5.258294	4.961277	5.014797

Sample Name: CCV044 Acquired: 6/27/2018 16:37:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV044 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.960655	4.972823	5.009308
Stddev	.003472	.012124	.002598
%RSD	.0699853	.2438012	.0518689

#1	4.964663	4.980761	5.006371
#2	4.958726	4.978839	5.011309
#3	4.958576	4.958867	5.010242

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.302	1491.706	40498.83	4748.787	2294.373
Stddev	2.878	4.614	74.56	24.538	6.583
%RSD	.1948020	.3092809	.1841029	.5167255	.2869247

#1	1480.610	1494.362	40427.86	4773.466	2293.638
#2	1475.922	1494.377	40492.12	4748.504	2301.293
#3	1475.374	1486.378	40576.52	4724.392	2288.188

Sample Name: CCB044 Acquired: 6/27/2018 16:41:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007607	.0007560	.0018978	-.004708	.0009674	.0030482	.0002770
Stddev	.002833	.0010528	.0025831	.003048	.0009792	.0091761	.0007026
%RSD	37.24742	139.2524	136.1103	64.73779	101.2212	301.0297	253.5819

#1	-.010250	.0005736	.0005635	-.001357	.0007738	.0083512	.0001637
#2	-.007956	.0018881	.0002547	-.007315	.0020289	.0083409	.0010294
#3	-.004615	-.000194	.0048753	-.005452	.0000995	-.007547	-.000362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000006	.0000222	-.008350	.0001716	.0001346	.0017539	.0109103
Stddev	.000100	.0001463	.027438	.0000592	.0001705	.0022893	.0073055
%RSD	1654.278	660.1702	328.5988	34.51816	126.6796	130.5263	66.95970

#1	.000097	.0001854	-.033228	.0001458	-.000026	.0024868	.0184039
#2	-.000012	-.000022	.021079	.0001297	.000117	.0035869	.0038087
#3	-.000103	-.000097	-.012900	.0002394	.000313	-.000812	.0105184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000529	.0403288	.0005374	.0007365	.0007600	.0002610	.0089266
Stddev	.002166	.0129195	.0001345	.0006590	.2840330	.0019259	.0096179
%RSD	409.6922	32.03542	25.02853	89.46933	37374.95	737.8122	107.7447

#1	-.002850	.0541837	.0003835	.0000364	-.095552	.0017644	.0039398
#2	-.000174	.0381914	.0005969	.0013445	-.222594	.0009285	.0028262
#3	.001438	.0286113	.0006320	.0008286	.320426	-.001910	.0200138

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.029794	-.004009	.0002967	.0001042	.0140228	-.000475	.0002477
Stddev	.043221	.001159	.0004336	.0001964	.0025757	.002111	.0004830
%RSD	145.0660	28.89918	146.1377	188.5928	18.36787	444.2582	194.9788

#1	.019606	-.003178	.0005537	-.000093	.0127978	-.002709	.0007687
#2	-.048349	-.005332	.0005403	.000300	.0122882	.001487	.0001597
#3	-.060638	-.003517	-.000204	.000105	.0169823	-.000204	-.000185

Sample Name: CCB044 Acquired: 6/27/2018 16:41:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000638	.0000708	.0000772
Stddev	.000565	.0023140	.0000567
%RSD	88.67365	3268.059	73.43440

#1	-.000594	-.002466	.0001317
#2	-.001224	.002067	.0000186
#3	-.000095	.000612	.0000813

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.883	1784.558	45568.40	5052.917	3005.358
Stddev	13.603	6.143	252.24	13.105	7.717
%RSD	.7804958	.3442097	.5535313	.2593545	.2567593

#1	1756.563	1784.242	45716.64	5040.025	3008.287
#2	1742.728	1790.852	45711.42	5052.500	3011.180
#3	1729.358	1778.579	45277.16	5066.225	2996.605

Sample Name: PB110632BL Acquired: 6/27/2018 16:45:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006090	-.000600	.0023213	-.005033	.0000022	-.002484	-.000087
Stddev	.006239	.000465	.0014749	.002528	.0013027	.007342	.000748
%RSD	102.4388	77.41856	63.53898	50.21546	60314.24	295.5654	857.8765

#1	-.001453	-.001074	.0040227	-.004475	.0014691	.005432	-.000124
#2	-.003634	-.000145	.0015377	-.002832	-.001020	-.003815	-.000816
#3	-.013183	-.000581	.0014036	-.007794	-.000443	-.009070	.000679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000353	.0000137	.0006484	.0000994	.0000083	-.000467	-.008691
Stddev	.0000462	.0000957	.0056280	.0004903	.0002267	.005531	.003256
%RSD	130.6595	698.1700	868.0174	493.2800	2736.594	1185.404	37.46724

#1	.0000244	.0001121	.0041838	-.000125	-.000224	-.004762	-.004933
#2	-.000004	.0000080	-.005842	-.000238	.000229	-.002412	-.010665
#3	.000086	-.000079	.003603	.000662	.000020	.005775	-.010477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000991	.0301798	.0002382	.0004112	.0793397	-.000611	.0009752
Stddev	.001454	.0261090	.0004041	.0007302	.1644051	.008127	.0111081
%RSD	146.6977	86.51177	169.6405	177.5520	207.2167	1329.704	1139.049

#1	-.002385	.0596778	-.000156	-.000101	.2614323	-.008197	-.008154
#2	-.001104	.0100381	.000651	.000088	-.058190	-.001604	-.002264
#3	.000516	.0208233	.000220	.001247	.034777	.007967	.013343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.096095	-.002518	-.002730	.0002222	.0017992	-.001225	-.000317
Stddev	.027476	.003014	.000981	.0002623	.0073478	.000448	.000387
%RSD	28.59252	119.7219	35.93953	118.0188	408.3942	36.53581	122.1032

#1	-.066710	-.002436	-.003783	-.000073	.0028163	-.000756	.000045
#2	-.121147	.000455	-.001842	.000310	-.006004	-.001271	-.000270
#3	-.100429	-.005572	-.002566	.000429	.008585	-.001648	-.000725

Sample Name: PB110632BL Acquired: 6/27/2018 16:45:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001461	.0000602	.0000238
Stddev	.001200	.0007285	.0000789
%RSD	82.09662	1209.741	331.9319

#1	-.002708	.0000394	.0000214
#2	-.001361	-.000658	-.000054
#3	-.000315	.000799	.000104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.994	1786.078	45502.39	5008.133	3012.755
Stddev	16.276	5.531	198.18	21.259	7.701
%RSD	.9380918	.3096827	.4355476	.4244907	.2556050

#1	1732.043	1785.266	45435.00	4988.225	3018.061
#2	1752.544	1791.970	45725.48	5005.650	3016.281
#3	1720.396	1780.998	45346.69	5030.525	3003.923

Sample Name: PB110632BS Acquired: 6/27/2018 16:49:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.0195922	.0513808	.0218700	.0653874	.1172425	.3922169
Stddev	.0074567	.0030671	.0020213	.0024121	.0022202	.0082589
%RSD	38.05961	5.969377	9.242405	3.688983	1.893635	2.105705

#1	.0195246	.0549158	.0217033	.0680161	.1167122	.3831325
#2	.0121695	.0497992	.0199372	.0648705	.1153356	.3942459
#3	.0270825	.0494272	.0239695	.0632756	.1196798	.3992722

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4110774	.0105694	.0102296	10.18547	.0219249	.0996565
Stddev	.0013489	.0001182	.0001753	.07927	.0005659	.0002999
%RSD	.3281486	1.118171	1.713481	.7782166	2.580855	.3008986

#1	.4112615	.0104675	.0102939	10.09995	.0218102	.0993519
#2	.4096458	.0105418	.0100312	10.20000	.0225393	.0996661
#3	.4123248	.0106990	.0103637	10.25647	.0214252	.0999514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517158	.2419867	.0315549	9.836192	.0830004	.0207137
Stddev	.0008247	.0134785	.0014043	.151345	.0002328	.0003360
%RSD	1.594586	5.569922	4.450308	1.538650	.2804305	1.622111

#1	.0509672	.2559270	.0307229	9.661800	.0831420	.0203656
#2	.0525997	.2410100	.0331763	9.913605	.0827318	.0207395
#3	.0515806	.2290232	.0307657	9.933170	.0831274	.0210361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.950089	.1081508	.1223218	9.867463	.0242597	F .0164654
Stddev	.236359	.0035673	.0090038	.135639	.0013529	.0010597
%RSD	2.375443	3.298495	7.360732	1.374609	5.576831	6.436161

#1	9.858508	.1056254	.1161989	9.866200	.0228901	.0173953
#2	10.21853	.1122317	.1181065	9.732460	.0242936	.0166892
#3	9.77322	.1065952	.1326599	10.00373	.0255953	.0153116

Sample Name: PB110632BS Acquired: 6/27/2018 16:49:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) 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	.0202855	.1867872	.2015643	F .0146273	.2072078	.0991312
Stddev	.0002057	.0062925	.0011150	.0009011	.0010332	.0004117
%RSD	1.013966	3.368825	.5531563	6.160696	.4986392	.4153488

#1	.0204673	.1906656	.2003006	.0153371	.2072433	.0995871
#2	.0200622	.1795268	.2024092	.0136134	.2061573	.0990202
#3	.0203270	.1901691	.2019832	.0149314	.2082228	.0987863

Elem	Sr4077
Units	ppm
Avg	.2080961
Stddev	.0004592
%RSD	.2206834

#1	.2086239
#2	.2077875
#3	.2078770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.985	1756.950	44997.51	4997.525	2954.809
Stddev	6.012	5.279	210.36	22.903	9.980
%RSD	.3513834	.3004405	.4674956	.4582855	.3377493

#1	1707.576	1760.250	44862.92	5023.150	2957.365
#2	1707.452	1759.740	44889.69	4979.050	2963.261
#3	1717.927	1750.862	45239.92	4990.375	2943.799

Sample Name: J3660-01 Acquired: 6/27/2018 16:53:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448804	-.020512	.0313375	-.035171	.0014835	108.1117	.0949997
Stddev	.0038673	.003363	.0012526	.005150	.0026437	.1483	.0006856
%RSD	8.617014	16.39279	3.997118	14.64385	178.2166	.1372133	.7216999

#1	.0492527	-.022058	.0303406	-.041104	.0008939	108.0106	.0952443
#2	.0419078	-.016655	.0309285	-.032557	-.000816	108.2820	.0955295
#3	.0434807	-.022824	.0327435	-.031851	.004372	108.0426	.0942254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034968	.0001786	47.98550	.2529766	.0847564	.1116143	214.9711
Stddev	.0000889	.0001739	.22175	.0004395	.0000715	.0025905	.1746
%RSD	2.543743	97.36949	.4621179	.1737427	.0843444	2.320914	.0812016

#1	.0034479	.0002839	47.77469	.2529437	.0847231	.1130230	214.7789
#2	.0034430	.0002740	48.21677	.2525544	.0847077	.1086248	215.1198
#3	.0035995	-.000022	47.96504	.2534316	.0848385	.1131953	215.0146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.021390	76.77633	.1578108	-.011070	47.75408	.3740781	.3448528
Stddev	.015387	.09225	.0006750	.000286	.41559	.0034897	.0144167
%RSD	.5092590	.1201507	.4277175	2.586076	.8702809	.9328943	4.180525

#1	3.004377	76.71852	.1581655	-.011375	47.28650	.3762300	.3394762
#2	3.025461	76.72776	.1582346	-.010808	48.08138	.3700516	.3338971
#3	3.034332	76.88272	.1570324	-.011025	47.89437	.3759525	.3611852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.454902	6.258469	.2802145	.0023688	13.53846	19.26519	.0197448
Stddev	.076794	.045670	.0029381	.0001249	.04669	.07660	.0019706
%RSD	1.030115	.7297349	1.048507	5.272637	.3448491	.3976313	9.980130

#1	7.417227	6.283280	.2784767	.0024981	13.57426	19.31233	.0206694
#2	7.404222	6.286362	.2785600	.0022488	13.55546	19.30644	.0174819
#3	7.543258	6.205763	.2836067	.0023594	13.48565	19.17680	.0210829

Sample Name: J3660-01 Acquired: 6/27/2018 16:53:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.23404	.1910043	.3758243
Stddev	.02426	.0022650	.0020997
%RSD	.1982704	1.185830	.5586898

#1	12.20613	.1915936	.3781274
#2	12.24601	.1885029	.3753291
#3	12.24999	.1929163	.3740165

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.295	1799.377	46250.68	5292.380	2744.456
Stddev	7.915	5.353	98.80	23.160	7.138
%RSD	.4561408	.2974997	.2136223	.4376147	.2600742

#1	1727.690	1796.262	46329.06	5275.648	2741.000
#2	1734.706	1805.558	46139.70	5282.679	2752.664
#3	1743.488	1796.310	46283.28	5318.814	2739.704

Sample Name: J3660-02 Acquired: 6/27/2018 16:57:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399474	-.014283	.0308261	-.036102	.0037328	108.7647	.0963298
Stddev	.0105470	.002289	.0045205	.003008	.0019630	.7335	.0004415
%RSD	26.40223	16.02301	14.66446	8.330884	52.58747	.6744140	.4583636

#1	.0490992	-.015613	.0343608	-.033954	.0014714	108.5703	.0958200
#2	.0284129	-.011640	.0323851	-.034812	.0047304	109.5758	.0965829
#3	.0423300	-.015596	.0257325	-.039539	.0049967	108.1479	.0965866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033059	.0003335	48.56624	.2516831	.0827209	.1102102	216.0366
Stddev	.0002159	.0002986	.63514	.0016395	.0009680	.0031345	1.9411
%RSD	6.529491	89.53801	1.307773	.6514057	1.170149	2.844075	.8985252

#1	.0033801	.0006677	48.36626	.2515064	.0836971	.1084930	215.0026
#2	.0034748	.0000928	49.27730	.2501391	.0817614	.1138280	218.2758
#3	.0030627	.0002401	48.05517	.2534038	.0827041	.1083095	214.8313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.019093	76.83838	.1556630	-.010828	48.14213	.3841188	.3426869
Stddev	.032271	.89938	.0013399	.000601	.24776	.0063170	.0018972
%RSD	1.068897	1.170478	.8607631	5.554710	.5146444	1.644548	.5536141

#1	2.998434	76.09172	.1572097	-.010854	48.25923	.3849758	.3448402
#2	3.056280	77.83681	.1548553	-.010214	48.30964	.3899636	.3419594
#3	3.002566	76.58660	.1549241	-.011416	47.85753	.3774170	.3412613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.474915	6.274331	.2792047	.0025099	13.67705	19.73111	.0192537
Stddev	.054461	.045531	.0040689	.0006234	.07609	.34259	.0010587
%RSD	.7285774	.7256732	1.457334	24.83842	.5563533	1.736295	5.498721

#1	7.414379	6.325909	.2776851	.0022008	13.76486	19.79216	.0204617
#2	7.519932	6.239716	.2761142	.0021014	13.63046	20.03907	.0188126
#3	7.490433	6.257369	.2838147	.0032274	13.63583	19.36210	.0184870

Sample Name: J3660-02 Acquired: 6/27/2018 16:57:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.35501	.1947636	.3789270
Stddev	.08758	.0025405	.0015021
%RSD	.7088584	1.304380	.3964185

#1	12.32714	.1929706	.3782000
#2	12.45314	.1976708	.3806543
#3	12.28476	.1936494	.3779267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1748.057	1803.853	46232.61	5281.715	2757.635
Stddev	13.795	7.379	54.85	53.303	16.079
%RSD	.7891420	.4090415	.1186450	1.009194	.5830848

#1	1732.307	1796.130	46193.88	5272.310	2739.522
#2	1757.992	1804.599	46295.38	5233.740	2763.159
#3	1753.872	1810.831	46208.58	5339.094	2770.225

Sample Name: J3660-03 Acquired: 6/27/2018 17:01:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351714	.0894269	.0755040	.0703306	.2116584	109.9239	4.799029
Stddev	.0060863	.0025971	.0033698	.0080700	.0027758	.2161	.010306
%RSD	4.502648	2.904130	4.463094	11.47444	1.311463	.1965725	.2147549

#1	.1324875	.0913167	.0749645	.0713088	.2093055	109.9241	4.798515
#2	.1421384	.0864655	.0724365	.0778670	.2147198	109.7076	4.788989
#3	.1308884	.0904985	.0791110	.0618161	.2109499	110.1398	4.809582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171717	.1194275	47.21246	.7180743	1.293815	.6801559	212.1626
Stddev	.0011166	.0003353	.30782	.0019658	.000851	.0044133	.8077
%RSD	.9529356	.2807199	.6519856	.2737655	.0657417	.6488706	.3806780

#1	.1182818	.1191482	46.94707	.7202888	1.292876	.6793289	211.7084
#2	.1160488	.1193350	47.14038	.7173989	1.294533	.6762146	211.6842
#3	.1171843	.1197993	47.54992	.7165352	1.294036	.6849243	213.0950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.101667	74.36082	1.357549	.1026525	46.99396	1.563461	1.475041
Stddev	.027695	.39978	.001408	.0006764	.30714	.013524	.018715
%RSD	.6752077	.5376261	.1036858	.6589641	.6535787	.8649959	1.268802

#1	4.085223	74.03674	1.356416	.1034264	46.86291	1.552436	1.453535
#2	4.086135	74.23815	1.357106	.1023569	46.77408	1.559396	1.483959
#3	4.133641	74.80756	1.359124	.1021740	47.34489	1.578552	1.487630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.312614	6.135183	.2771252	.0030155	13.50179	19.36855	.0200238
Stddev	.039403	.006491	.0020877	.0006242	.02043	.24848	.0011525
%RSD	.5388301	.1058060	.7533307	20.69854	.1513174	1.282912	5.755445

#1	7.350505	6.136244	.2781420	.0036965	13.49300	19.62191	.0211313
#2	7.315479	6.128227	.2785097	.0024707	13.48722	19.12525	.0188311
#3	7.271857	6.141079	.2747240	.0028793	13.52514	19.35849	.0201091

Sample Name: J3660-03 Acquired: 6/27/2018 17:01:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.03549	.1912598	.3691605
Stddev	.02973	.0013625	.0010031
%RSD	.2470566	.7123890	.2717294

#1	12.04479	.1904958	.3687653
#2	12.00221	.1904507	.3684153
#3	12.05946	.1928329	.3703011

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.874	1794.219	46221.45	5266.511	2747.476
Stddev	8.408	6.728	222.16	19.764	7.094
%RSD	.4818655	.3749634	.4806519	.3752799	.2582088

#1	1746.357	1798.931	46388.97	5245.119	2753.897
#2	1752.441	1797.213	45969.43	5284.093	2748.672
#3	1735.823	1786.515	46305.94	5270.321	2739.860

Sample Name: J3660-01LX5 Acquired: 6/27/2018 17:05:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132837	-.006342	.0064261	-.011048	-.001327	22.59188	.0195847
Stddev	.0039575	.002161	.0011647	.005420	.000267	.06668	.0003903
%RSD	29.79225	34.07626	18.12399	49.05905	20.08129	.2951332	1.993047

#1	.0089891	-.008728	.0068333	-.010256	-.001021	22.66809	.0192359
#2	.0167836	-.005781	.0051125	-.006068	-.001506	22.54434	.0200063
#3	.0140784	-.004517	.0073324	-.016821	-.001456	22.56320	.0195120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007826	-.000088	10.22793	.0534266	.0164593	.0247358	45.68604
Stddev	.0000489	.000130	.03663	.0005033	.0000954	.0029485	.13193
%RSD	6.246588	146.8668	.3581367	.9420705	.5795421	11.91995	.2887742

#1	.0008009	-.000145	10.24987	.0529570	.0163613	.0249130	45.82322
#2	.0007272	.000060	10.18564	.0533648	.0164646	.0275918	45.67481
#3	.0008197	-.000180	10.24828	.0539579	.0165519	.0217028	45.56008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6363385	15.85890	.0321023	-.002373	10.20106	.0857500	.0763178
Stddev	.0011227	.14676	.0002212	.000217	.18543	.0031193	.0039083
%RSD	.1764271	.9253944	.6889340	9.156834	1.817761	3.637649	5.121101

#1	.6351543	15.89106	.0323295	-.002151	10.29195	.0842444	.0803199
#2	.6373873	15.98690	.0318877	-.002585	9.98772	.0836691	.0761229
#3	.6364740	15.69872	.0320897	-.002385	10.32351	.0893365	.0725106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.469463	1.253780	.0536255	.0006201	2.736226	4.259232	.0040878
Stddev	.046513	.007666	.0010458	.0001595	.004634	.052056	.0015268
%RSD	3.165326	.6114114	1.950168	25.71622	.1693489	1.222181	37.34878

#1	1.523170	1.257672	.0547387	.0004388	2.738390	4.232787	.0033914
#2	1.442215	1.258719	.0534743	.0006831	2.730906	4.225707	.0030335
#3	1.443005	1.244949	.0526636	.0007384	2.739382	4.319201	.0058386

Sample Name: J3660-01LX5 Acquired: 6/27/2018 17:05:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.586745	.0396009	.0792442
Stddev	.007566	.0014649	.0003300
%RSD	.2925011	3.699123	.4164402

#1	2.588511	.0403165	.0796252
#2	2.593273	.0405704	.0790592
#3	2.578453	.0379157	.0790482

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.274	1800.750	46025.33	5153.417	2940.274
Stddev	8.564	1.766	173.12	11.401	8.688
%RSD	.4901104	.0980551	.3761359	.2212302	.2954692

#1	1745.566	1802.759	46178.71	5142.850	2942.548
#2	1739.694	1800.046	45837.62	5165.500	2947.598
#3	1756.563	1799.445	46059.67	5151.900	2930.675

Sample Name: J3660-04 Acquired: 6/27/2018 17:09:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376558	-.017877	.0259703	-.039681	.0040748	102.9951	.0795864
Stddev	.0056871	.000367	.0019687	.005215	.0011210	.3443	.0002052
%RSD	15.10290	2.051946	7.580764	13.14213	27.51139	.3343066	.2578598

#1	.0441960	-.017890	.0261248	-.042211	.0052176	103.1911	.0795455
#2	.0338728	-.018237	.0239288	-.033684	.0029769	103.1966	.0794046
#3	.0348987	-.017504	.0278572	-.043149	.0040299	102.5975	.0798089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031944	-.000359	99.43852	.2900550	.0917352	.1189689	210.1201
Stddev	.0000834	.000166	.85920	.0024466	.0009731	.0054816	1.5374
%RSD	2.612126	46.17513	.8640471	.8435016	1.060751	4.607608	.7316650

#1	.0031266	-.000495	100.2430	.2882786	.0907507	.1248405	211.6977
#2	.0032876	-.000407	99.5391	.2928456	.0917583	.1180806	210.0363
#3	.0031690	-.000174	98.5334	.2890408	.0926965	.1139858	208.6264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.904496	75.94489	.1811779	-.011544	41.25686	.3836410	.3465109
Stddev	.026155	.48439	.0012049	.000372	.14387	.0024992	.0023401
%RSD	.9004952	.6378154	.6650255	3.218882	.3487246	.6514355	.6753411

#1	2.928067	76.45991	.1808501	-.011366	41.41347	.3816067	.3460018
#2	2.909064	75.87633	.1801708	-.011971	41.13055	.3864307	.3490637
#3	2.876359	75.49844	.1825127	-.011295	41.22657	.3828855	.3444673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.124822	6.164509	.2429218	.0023297	12.74445	16.93105	.0167035
Stddev	.094892	.039761	.0036345	.0001455	.07346	.10660	.0004913
%RSD	1.549307	.6450040	1.496171	6.246626	.5763999	.6295933	2.941095

#1	6.063958	6.178216	.2470952	.0024210	12.80545	16.97536	.0172702
#2	6.076348	6.119707	.2412175	.0021619	12.66290	16.80945	.0163973
#3	6.234161	6.195603	.2404526	.0024062	12.76499	17.00835	.0164431

Sample Name: J3660-04 Acquired: 6/27/2018 17:09:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.32051	.1976405	.4528525
Stddev	.03520	.0016700	.0006091
%RSD	.2857198	.8449720	.1345097

#1	12.33945	.1965977	.4525706
#2	12.34219	.1967571	.4535515
#3	12.27989	.1995666	.4524354

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.519	1782.411	45786.69	5260.213	2732.099
Stddev	3.401	6.180	172.02	29.014	7.993
%RSD	.1972115	.3467373	.3757043	.5515735	.2925465

#1	1720.698	1787.986	45894.66	5227.368	2732.886
#2	1725.643	1783.481	45588.31	5282.355	2739.669
#3	1727.216	1775.765	45877.10	5270.916	2723.742

Sample Name: J3660-05 Acquired: 6/27/2018 17:13:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496032	-.010338	.0397951	-.042539	.0026904	96.22960	.0586680
Stddev	.0082544	.003941	.0032813	.001629	.0013449	.18230	.0013695
%RSD	16.64091	38.11757	8.245600	3.829370	49.98906	.1894473	2.334343

#1	.0509953	-.006928	.0435603	-.044040	.0020853	96.17730	.0571049
#2	.0407413	-.014653	.0375456	-.040807	.0017543	96.07915	.0592420
#3	.0570731	-.009434	.0382794	-.042769	.0042316	96.43233	.0596571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030649	-.000947	58.23635	.1636156	.0361810	.0488256	219.5212
Stddev	.0000386	.000184	.06470	.0009172	.0004685	.0043918	.4697
%RSD	1.258140	19.45868	.1110965	.5605594	1.294941	8.994889	.2139838

#1	.0030222	-.000789	58.30360	.1636931	.0366806	.0538485	219.4671
#2	.0030972	-.000903	58.17455	.1626622	.0361111	.0469189	219.0809
#3	.0030753	-.001149	58.23089	.1644916	.0357514	.0457094	220.0157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306616	58.18861	.1163971	-.008818	13.79554	.1654087	.4076937
Stddev	.003978	.15909	.0010898	.000431	.31379	.0019959	.0109061
%RSD	.3044809	.2733983	.9362936	4.886823	2.274594	1.206638	2.675063

#1	1.309327	58.18910	.1168839	-.009243	13.48553	.1677121	.4129482
#2	1.302049	58.34746	.1171586	-.008830	14.11299	.1643233	.4149778
#3	1.308473	58.02928	.1151487	-.008382	13.78810	.1641907	.3951551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.901287	5.974911	.1454873	.0031294	8.843075	3.151188	-.002278
Stddev	.024563	.062591	.0030391	.0004131	.068246	.011163	.000985
%RSD	.8466071	1.047567	2.088878	13.20214	.7717504	.3542387	43.23352

#1	2.874574	5.977626	.1478756	.0027940	8.824443	3.162342	-.003037
#2	2.906389	6.036101	.1420666	.0035909	8.918703	3.151205	-.001165
#3	2.922897	5.911007	.1465199	.0030033	8.786080	3.140016	-.002631

Sample Name: J3660-05 Acquired: 6/27/2018 17:13:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9748305	.2938455	.4554748
Stddev	.0035315	.0017987	.0012447
%RSD	.3622635	.6121214	.2732788

#1	.9736476	.2933007	.4542262
#2	.9720424	.2923821	.4554828
#3	.9788016	.2958536	.4567155

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.472	1784.738	45809.37	5257.029	2807.460
Stddev	5.645	6.891	194.16	23.881	19.113
%RSD	.3262336	.3861055	.4238535	.4542586	.6808022

#1	1729.798	1781.444	45588.08	5276.964	2802.586
#2	1725.194	1780.113	45951.21	5230.562	2791.256
#3	1736.424	1792.658	45888.82	5263.561	2828.538

Sample Name: J3660-06 Acquired: 6/27/2018 17:17:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192355	-.011180	.0418268	-.033159	.0026580	76.27918	.0563805
Stddev	.0023446	.003714	.0004371	.003775	.0011146	.09041	.0005560
%RSD	12.18877	33.21966	1.044989	11.38357	41.93399	.1185290	.9861777

#1	.0175842	-.014392	.0417259	-.029594	.0035387	76.34605	.0565807
#2	.0219191	-.012035	.0414490	-.032770	.0030302	76.17632	.0557521
#3	.0182032	-.007113	.0423055	-.037113	.0014049	76.31519	.0568087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024896	-.000916	72.39344	.1366557	.0334122	.0426610	173.9211
Stddev	.0001079	.000277	.19204	.0005538	.0004344	.0054275	.6108
%RSD	4.335517	30.25791	.2652755	.4052473	1.300219	12.72233	.3511749

#1	.0025983	-.001227	72.46814	.1371686	.0329246	.0488824	174.3297
#2	.0024882	-.000695	72.17527	.1367299	.0337582	.0402046	173.2190
#3	.0023824	-.000827	72.53690	.1360685	.0335538	.0388960	174.2147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.441358	51.25600	.1072901	-.007763	28.96390	.1368924	.3260830
Stddev	.004088	.05538	.0004508	.001106	.30298	.0088872	.0018678
%RSD	.2836242	.1080414	.4201398	14.25214	1.046058	6.492120	.5728150

#1	1.437123	51.23528	.1072548	-.006671	29.15775	.1437145	.3271776
#2	1.441668	51.31875	.1077575	-.008883	28.61475	.1268423	.3271452
#3	1.445282	51.21397	.1068580	-.007734	29.11918	.1401202	.3239263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.489507	4.344083	.1416204	.0014626	5.675453	2.908026	-.001366
Stddev	.091890	.022129	.0031319	.0005814	.018791	.015999	.001400
%RSD	2.633314	.5094047	2.211460	39.75164	.3310871	.5501568	102.4841

#1	3.595592	4.324310	.1384242	.0020606	5.688808	2.901978	-.000591
#2	3.434700	4.339952	.1417532	.0008994	5.653966	2.895933	-.002983
#3	3.438228	4.367986	.1446837	.0014278	5.683587	2.926167	-.000525

Sample Name: J3660-06 Acquired: 6/27/2018 17:17:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.347645	.2157264	.4765311
Stddev	.007317	.0003159	.0023475
%RSD	.5429699	.1464157	.4926137

#1	1.349890	.2154989	.4788575
#2	1.339468	.2160871	.4741632
#3	1.353577	.2155934	.4765725

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.181	1769.413	45639.52	5171.574	2784.800
Stddev	1.757	2.801	175.33	7.394	4.428
%RSD	.1021897	.1582898	.3841542	.1429806	.1590116

#1	1718.151	1769.455	45552.52	5163.958	2786.210
#2	1718.182	1772.193	45524.71	5178.725	2788.352
#3	1721.209	1766.592	45841.33	5172.040	2779.839

Sample Name: J3660-07 Acquired: 6/27/2018 17:21:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0871582	-.013129	.0421797	-.012645	.0003068	45.00672	.1220708
Stddev	.0068173	.006017	.0023073	.008214	.0032380	.18112	.0007686
%RSD	7.821713	45.82973	5.470208	64.95764	1055.407	.4024380	.6296563

#1	.0793733	-.015931	.0412641	-.021872	.0021670	45.10332	.1211835
#2	.0920614	-.006222	.0404708	-.009928	.0021855	45.11907	.1224983
#3	.0900399	-.017233	.0448043	-.006133	-.003432	44.79778	.1225306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015043	.0092657	435.5253	.1149927	.0151062	.0485777	88.97758
Stddev	.0000551	.0001717	2.7450	.0010359	.0002079	.0014326	.67295
%RSD	3.661567	1.853517	.6302838	.9008058	1.376206	2.949168	.7563182

#1	.0014550	.0091792	437.1084	.1161668	.0149049	.0499716	89.49048
#2	.0015637	.0091544	437.1119	.1146038	.0150935	.0471092	89.22667
#3	.0014941	.0094635	432.3556	.1142076	.0153201	.0486523	88.21559

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7627980	41.28354	.0756129	-.003378	104.7639	.1473787	.2385555
Stddev	.0055314	.35455	.0001582	.000561	.3843	.0022090	.0090480
%RSD	.7251442	.8588069	.2091813	16.60475	.3668187	1.498853	3.792841

#1	.7653762	41.56372	.0754872	-.003138	104.9755	.1460077	.2396893
#2	.7665696	41.40196	.0755610	-.002976	104.9959	.1499270	.2469832
#3	.7564482	40.88494	.0757905	-.004018	104.3203	.1462014	.2289940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.882595	9.694506	.4096869	.0348162	40.03518	7.774290	.0019138
Stddev	.073686	.036427	.0002378	.0002409	.10042	.110242	.0033820
%RSD	.9347895	.3757506	.0580371	.6920227	.2508249	1.418039	176.7196

#1	7.926780	9.702209	.4099255	.0346212	40.05743	7.674601	-.001383
#2	7.923474	9.654843	.4094500	.0350856	39.92551	7.892691	.005375
#3	7.797532	9.726465	.4096853	.0347419	40.12261	7.755576	.001750

Sample Name: J3660-07 Acquired: 6/27/2018 17:21:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.987562	.1047881	2.702285
Stddev	.009046	.0005911	.018665
%RSD	.4551197	.5640499	.6907281

#1	1.985240	.1054598	2.696605
#2	1.997543	.1043476	2.723130
#3	1.979904	.1045569	2.687119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1670.371	1712.389	44501.99	5152.580	2591.008
Stddev	4.300	4.719	85.00	28.555	6.334
%RSD	.2574520	.2755525	.1909997	.5541966	.2444587

#1	1675.284	1714.782	44416.39	5164.944	2595.043
#2	1667.290	1715.431	44503.19	5119.926	2594.274
#3	1668.538	1706.953	44586.38	5172.870	2583.708

Sample Name: J3660-08 Acquired: 6/27/2018 17:26:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.634142	-.006660	1.427275	-.043980	.0146548	41.19838	.0840669
Stddev	.008482	.001924	.003554	.001901	.0003585	.05513	.0006632
%RSD	.5190440	28.89583	.2489876	4.323334	2.446312	.1338207	.7889394

#1	1.625280	-.008008	1.428758	-.045910	.0147429	41.13590	.0844748
#2	1.634964	-.007516	1.423220	-.042108	.0149611	41.24019	.0844243
#3	1.642184	-.004456	1.429847	-.043921	.0142605	41.21906	.0833016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035032	.0007228	18.70067	.0614693	.0431022	.4894509	226.2995
Stddev	.0000782	.0000128	.11770	.0006985	.0001064	.0028985	.6608
%RSD	2.231306	1.766977	.6293919	1.136342	.2468537	.5921857	.2919884

#1	.0035923	.0007085	18.58954	.0620059	.0432217	.4865615	226.1969
#2	.0034713	.0007267	18.82399	.0617225	.0430674	.4923583	225.6960
#3	.0034461	.0007331	18.68849	.0606795	.0430176	.4894330	227.0056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.518499	25.74633	.1302220	.0053687	3.481844	.0837093	.9470137
Stddev	.014727	.07528	.0002005	.0008854	.039873	.0025284	.0023589
%RSD	.4185468	.2924000	.1539347	16.49274	1.145181	3.020396	.2490885

#1	3.522631	25.75809	.1300099	.0043497	3.482684	.0808673	.9471482
#2	3.502148	25.81504	.1302477	.0059502	3.521291	.0845520	.9493025
#3	3.530718	25.66586	.1304083	.0058062	3.441557	.0857088	.9445905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.835603	3.560858	.1230717	.0067132	2.853594	3.933907	.0159128
Stddev	.030980	.018925	.0039039	.0004981	.010686	.012437	.0023315
%RSD	1.687733	.5314592	3.172034	7.419916	.3744919	.3161491	14.65155

#1	1.825876	3.539163	.1266131	.0070808	2.855847	3.943279	.0153633
#2	1.870280	3.573971	.1188856	.0061463	2.841961	3.919797	.0139051
#3	1.810655	3.569441	.1237165	.0069125	2.862975	3.938643	.0184699

Sample Name: J3660-08 Acquired: 6/27/2018 17:26:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1534784	.1175600	.2632743
Stddev	.0065083	.0006136	.0005121
%RSD	4.240505	.5219650	.1945311

#1	.1541818	.1177036	.2628467
#2	.1596064	.1180890	.2631343
#3	.1466470	.1168873	.2638419

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.850	1823.010	46791.61	5278.293	2910.041
Stddev	4.553	5.530	66.39	10.092	3.969
%RSD	.2565008	.3033316	.1418933	.1912052	.1363736

#1	1776.782	1822.612	46865.02	5287.403	2909.319
#2	1778.118	1828.729	46774.06	5267.444	2914.321
#3	1769.650	1817.691	46735.75	5280.033	2906.483

Sample Name: J3660-09 Acquired: 6/27/2018 17:30:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHS63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112050	-.006391	.0276761	-.001906	.0011905	11.36825	.0958046
Stddev	.0111884	.003218	.0008408	.002535	.0020761	.03061	.0004764
%RSD	99.85196	50.34835	3.037990	132.9888	174.3974	.2692283	.4972713

#1	.0084368	-.005436	.0278992	-.004442	-.001090	11.40049	.0953988
#2	.0235176	-.009978	.0267463	-.001904	.001691	11.33959	.0956859
#3	.0016605	-.003759	.0283829	.000628	.002970	11.36467	.0963292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002914	.0011515	19.72058	.0026437	.0028357	.0397639	16.33515
Stddev	.0000689	.0000816	.05812	.0002926	.0001999	.0008086	.05774
%RSD	23.64497	7.088213	.2946949	11.06762	7.048336	2.033509	.3534440

#1	.0003151	.0010695	19.77998	.0027271	.0030287	.0397273	16.29466
#2	.0002138	.0011522	19.71791	.0023184	.0028487	.0405901	16.40126
#3	.0003454	.0012327	19.66384	.0028854	.0026296	.0389742	16.30952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052842	14.47425	.0083637	-.000439	3.904341	.0121477	.1716997
Stddev	.0024663	.04304	.0003772	.000570	.169609	.0031780	.0076269
%RSD	1.201420	.2973234	4.510361	129.9471	4.344103	26.16084	4.441981

#1	.2025864	14.46573	.0082938	-.001014	3.780128	.0121326	.1663604
#2	.2074231	14.52090	.0087710	.000127	3.835317	.0089774	.1683040
#3	.2058433	14.43610	.0080263	-.000430	4.097579	.0153332	.1804347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.17175	7.225569	.0450129	.0013145	11.78524	3.250750	.0090751
Stddev	.02550	.021811	.0011693	.0003464	.03277	.040374	.0015090
%RSD	.2282856	.3018565	2.597622	26.35136	.2780245	1.241979	16.62758

#1	11.15839	7.204800	.0437602	.0015941	11.74920	3.226546	.0074505
#2	11.15571	7.223616	.0460754	.0014225	11.79328	3.297358	.0104329
#3	11.20116	7.248290	.0452031	.0009270	11.81323	3.228346	.0093419

Sample Name: J3660-09 Acquired: 6/27/2018 17:30:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHS63 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3154072	-.000699	.4494928
Stddev	.0009483	.001720	.0007694
%RSD	.3006612	246.1325	.1711607

#1	.3144635	-.001507	.4491175
#2	.3153980	.001277	.4489831
#3	.3163600	-.001866	.4503778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.253	1771.123	45764.63	5169.483	3022.209
Stddev	7.753	2.881	224.79	12.699	4.991
%RSD	.4541490	.1626632	.4911897	.2456596	.1651432

#1	1714.657	1772.230	45890.05	5164.548	3025.894
#2	1707.910	1773.287	45898.74	5159.991	3024.205
#3	1699.191	1767.853	45505.12	5183.909	3016.529

Sample Name: CCV045 Acquired: 6/27/2018 17:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.049211	4.991918	25.03007	4.887944	4.898173	411.9100
Stddev	.021728	.020607	.10953	.029270	.022511	1.2821
%RSD	.4303302	.4128135	.4375941	.5988282	.4595782	.3112626

#1	5.033506	4.968545	24.98301	4.859051	4.881305	412.0407
#2	5.040119	4.999739	24.95194	4.887204	4.889479	413.1218
#3	5.074009	5.007470	25.15527	4.917578	4.923734	410.5676

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08271	.5108455	2.551209	416.0564	15.39366	2.569749
Stddev	.00672	.0023822	.011017	2.4687	.02278	.009576
%RSD	.0666397	.4663259	.4318416	.5933470	.1479527	.3726371

#1	10.07864	.5111768	2.549107	416.9080	15.41396	2.569264
#2	10.09046	.5130448	2.541394	417.9866	15.36903	2.560425
#3	10.07902	.5083150	2.563125	413.2747	15.39799	2.579558

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17980	420.7085	14.88344	413.0073	2.514112	1.276520
Stddev	.02969	2.2575	.12501	1.9819	.012214	.003333
%RSD	.1956182	.5365867	.8399377	.4798729	.4858095	.2611358

#1	15.16007	421.5224	14.90615	413.4403	2.509775	1.274408
#2	15.16539	422.4460	14.99554	414.7369	2.504658	1.274789
#3	15.21395	418.1569	14.74863	410.8447	2.527902	1.280363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	413.6321	2.494731	15.16581	151.9488	F 5.530715	5.079336
Stddev	1.8481	.009364	.15400	.5223	.031122	.042348
%RSD	.4467938	.3753694	1.015455	.3437467	.5627093	.8337408

#1	413.8647	2.496575	15.34358	151.7487	5.498223	5.092876
#2	415.3529	2.503037	15.07294	152.5415	5.533666	5.113258
#3	411.6787	2.484583	15.08092	151.5561	5.560257	5.031873

Sample Name: CCV045 Acquired: 6/27/2018 17:34:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.913005	5.324944	5.022157	5.062143	5.039155	5.051012
Stddev	.018371	.022013	.024192	.024195	.016907	.004832
%RSD	.3739219	.4133936	.4817005	.4779624	.3355140	.0956660

#1	4.897928	5.299769	5.032228	5.039795	5.048234	5.047150
#2	4.907620	5.334489	5.039686	5.058798	5.049583	5.056430
#3	4.933466	5.340573	4.994556	5.087837	5.019648	5.049455

Elem	Sr4077
Units	ppm
Avg	5.093266
Stddev	.010006
%RSD	.1964470

#1	5.083905
#2	5.092080
#3	5.103811

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.008	1480.495	40312.40	4741.185	2277.572
Stddev	4.814	4.976	120.74	14.836	10.475
%RSD	.3268443	.3361320	.2995018	.3129101	.4599318

#1	1468.382	1479.099	40174.29	4745.317	2273.775
#2	1472.652	1486.020	40365.01	4724.721	2289.416
#3	1477.991	1476.365	40397.91	4753.516	2269.524

Sample Name: CCB045 Acquired: 6/27/2018 17:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006245	-.002519	-.001145	-.003409	-.000903	.0010841	-.000548
Stddev	.004951	.002621	.001337	.001675	.001628	.0104613	.000912
%RSD	79.28567	104.0563	116.8012	49.13062	180.3905	965.0222	166.3068

#1	-.004962	-.002059	.000310	-.005344	-.000499	-.002515	-.001085
#2	-.002061	-.000158	-.002319	-.002433	-.002695	-.007103	.000504
#3	-.011712	-.005339	-.001425	-.002452	.000486	.012870	-.001064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000260	-.000051	-.005265	.0005294	-.000012	-.000645	-.006184
Stddev	.0000481	.000103	.010636	.0002816	.000321	.003179	.014702
%RSD	184.9869	202.9453	202.0016	53.18576	2635.972	493.1766	237.7508

#1	.0000734	.000044	.003723	.0003019	-.000345	-.002987	-.018261
#2	-.000023	-.000160	-.017008	.0004420	.000013	.002974	-.010478
#3	.000027	-.000035	-.002511	.0008444	.000296	-.001921	.010187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000858	.0136559	.0007120	-.000094	-.058269	.0008540	-.000471
Stddev	.001095	.0517413	.0004531	.000277	.353961	.0045390	.004110
%RSD	127.6034	378.8938	63.63817	294.7017	607.4643	531.4990	873.2259

#1	.000218	.0634699	.0009954	-.000045	-.415005	.0012709	.001833
#2	-.001972	.0173162	.0009513	.000156	-.052651	.0051702	.001970
#3	-.000821	-.039818	.0001894	-.000393	.292851	-.003879	-.005216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.115933	-.004573	-.001922	-.000027	.0012513	-.001009	-.000797
Stddev	.085268	.003573	.001168	.000048	.0069098	.002158	.001651
%RSD	73.54960	78.13464	60.75270	178.7368	552.2167	213.8228	207.1464

#1	-.118198	-.004139	-.002500	.000017	-.001797	.001442	.001042
#2	-.029554	-.001237	-.002689	-.000019	.009161	-.002624	-.001281
#3	-.200045	-.008343	-.000578	-.000079	-.003610	-.001846	-.002153

Sample Name: CCB045 Acquired: 6/27/2018 17:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v584) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013849	-.001133	.0000115
Stddev	.0014746	.001866	.0000478
%RSD	106.4772	164.6160	417.2044

#1	.0027269	.000523	.0000562
#2	.0016216	-.000768	.0000171
#3	-.000194	-.003155	-.000039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.431	1779.627	45514.65	5004.725	3002.024
Stddev	2.627	5.791	93.52	11.195	12.460
%RSD	.1518249	.3254064	.2054713	.2236932	.4150451

#1	1727.915	1776.921	45409.16	4999.000	2993.807
#2	1730.222	1786.275	45547.41	5017.625	3016.360
#3	1733.157	1775.683	45587.39	4997.550	2995.904