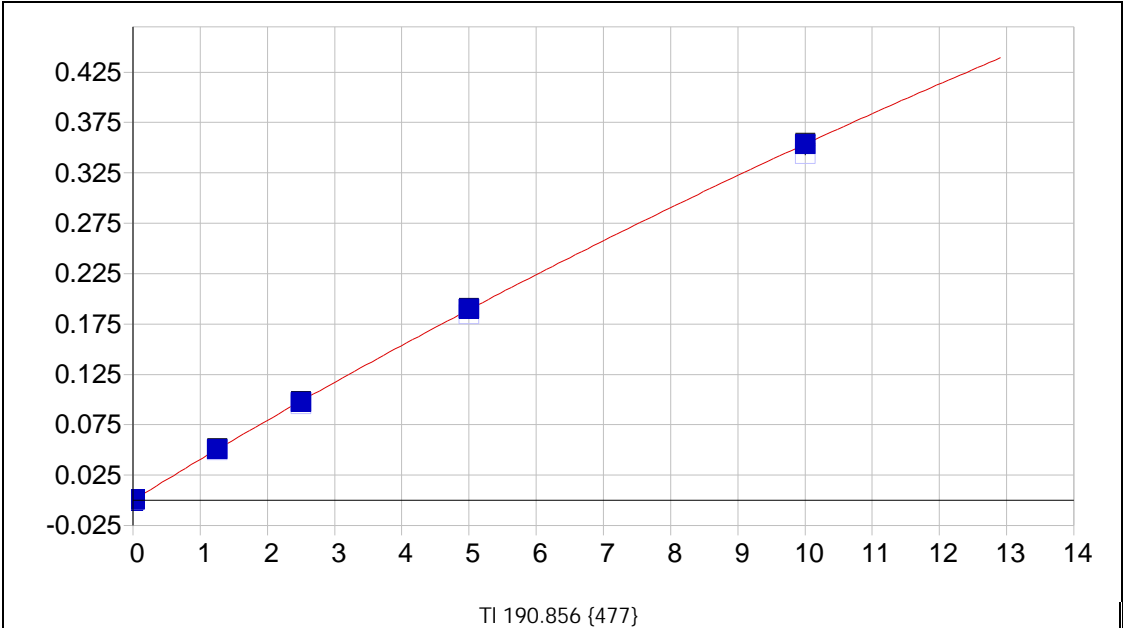


As 189.042 {479}

Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000576      Re-Slope: 1.000000  
 A1 (Gain): 0.047356      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999767      Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.005562  
 Predicted MQL: 0.018539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.01000	.01055	.001	5.52	-.00008	.000	1
S2	1.2500	1.1920	-.058	-4.64	.05596	.001	1
S3	2.5000	2.4082	-.092	-3.67	.11364	.000	1
S4	5.0000	4.9869	-.013	-.263	.23593	.001	1
S5	10.000	10.162	.162	1.62	.48138	.001	1

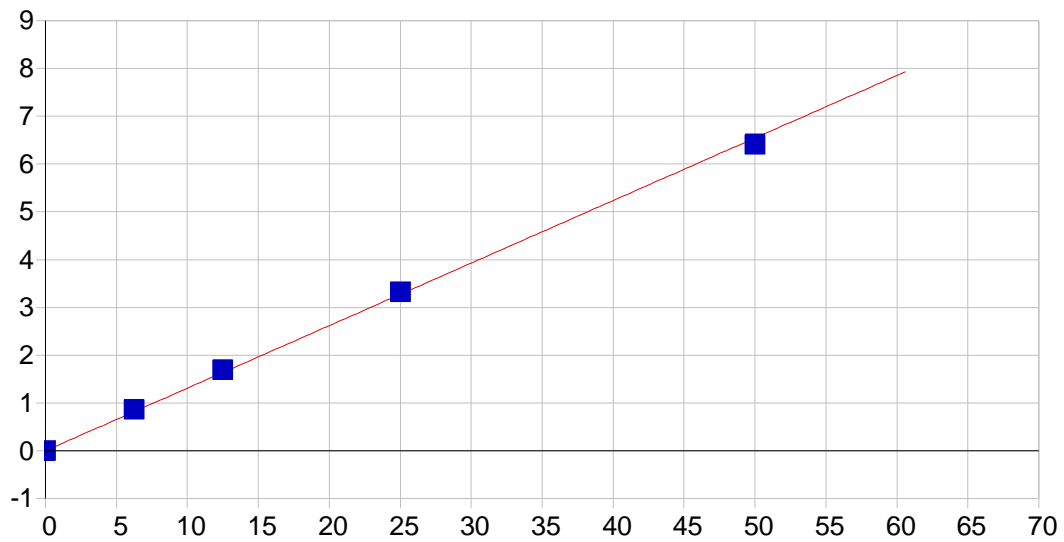


TI 190.856 {477}

Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Full Fit	Weighting:	1/Conc
A0 (Offset):	-0.000378	Re-Slope:	1.000000		
A1 (Gain):	0.041360	Y-int:	0.000000		
A2 (Curvature):	-0.000450				
n (Exponent):	0.980000				
Correlation:	0.999989	Status:	OK.		
Std Error of Est:	0.000006				
Predicted MDL:	0.002919				
Predicted MQL:	0.009731				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.02500	.02364	-.001	-5.44	.00059	.000	1
S2	1.2500	1.2598	.010	.783	.04955	.000	1
S3	2.5000	2.4808	-.019	-.769	.09524	.000	1
S4	5.0000	5.0153	.015	.305	.18492	.001	1
S5	10.000	9.9956	-.004	-.044	.34354	.001	1

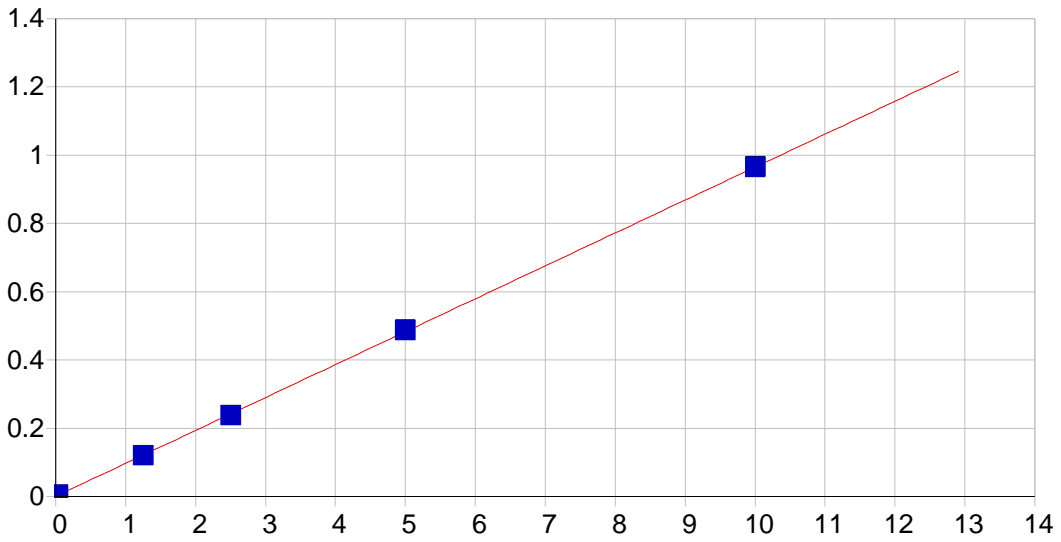


Pb 220.353 {453}

Date of Fit: 10/12/2017 11:56:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000282 Re-Slope: 1.000000  
 A1 (Gain): 0.130897 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999697 Status: OK.  
 Std Error of Est: 0.000121  
 Predicted MDL: 0.002066  
 Predicted MQL: 0.006888

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.01000	.01114	.001	11.4	.00117	.000	1
S2	6.2500	6.5776	.328	5.24	.86095	.004	1
S3	12.500	12.864	.364	2.91	1.6841	.003	1
S4	25.000	25.382	.382	1.53	3.3231	.006	1
S5	50.000	48.925	-1.07	-2.15	6.4058	.013	1

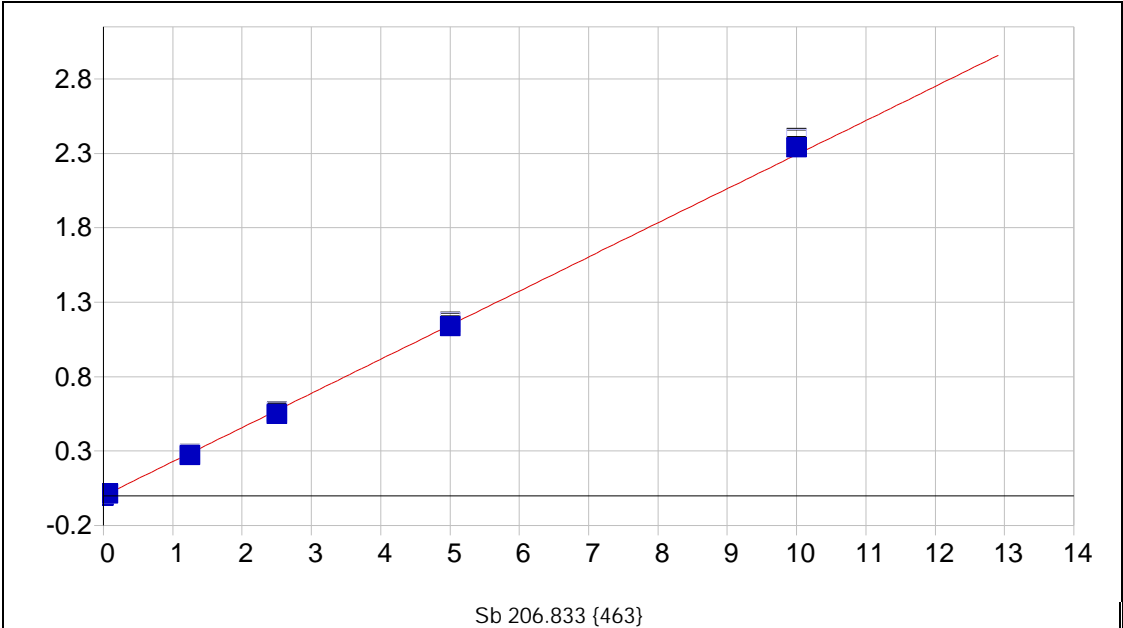


Se 196.090 {472}

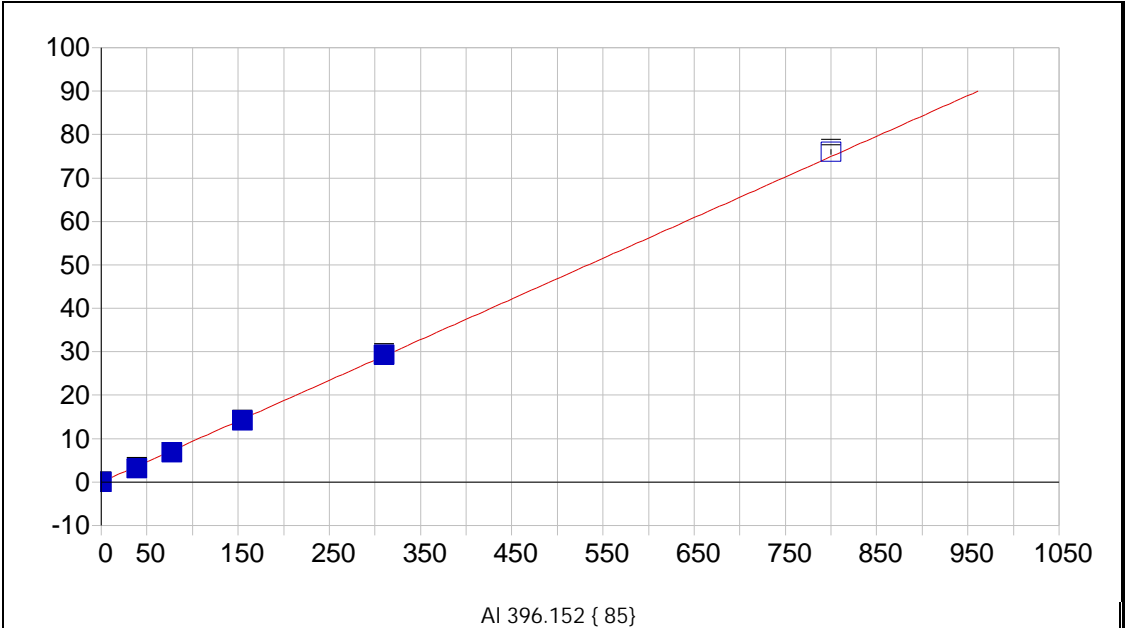
Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset):                    0.000624                    Re-Slope: 1.000000  
 A1 (Gain):                    0.096453                    Y-int: 0.000000  
 A2 (Curvature):            0.000000  
 n (Exponent):                1.000000  
 Correlation:                  0.999961                  Status:      OK.  
 Std Error of Est:            0.000027  
 Predicted MDL:              0.003676  
 Predicted MQL:              0.012253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00062	.000	1
S1	.03500	.03596	.001	2.74	.00409	.000	1
S2	1.2500	1.2356	-.014	-1.15	.11935	.001	1
S3	2.5000	2.4548	-.045	-1.81	.23651	.001	1
S4	5.0000	5.0474	.047	.948	.48568	.001	1
S5	10.000	10.011	.011	.113	.96267	.001	1



Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000033	Re-Slope:	1.000000				
A1 (Gain):	0.229139	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999665	Status:	OK.				
Std Error of Est:	0.000250						
Predicted MDL:	0.001644						
Predicted MQL:	0.005480						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00004	.000	1
S1	.06000	.05616	-.004	-6.41	.01290	.001	1
S2	1.2500	1.1826	-.067	-5.39	.27789	.003	1
S3	2.5000	2.3957	-.104	-4.17	.56274	.001	1
S4	5.0000	4.9600	-.040	-.800	1.1641	.004	1
S5	10.000	10.216	.216	2.16	2.3959	.006	1

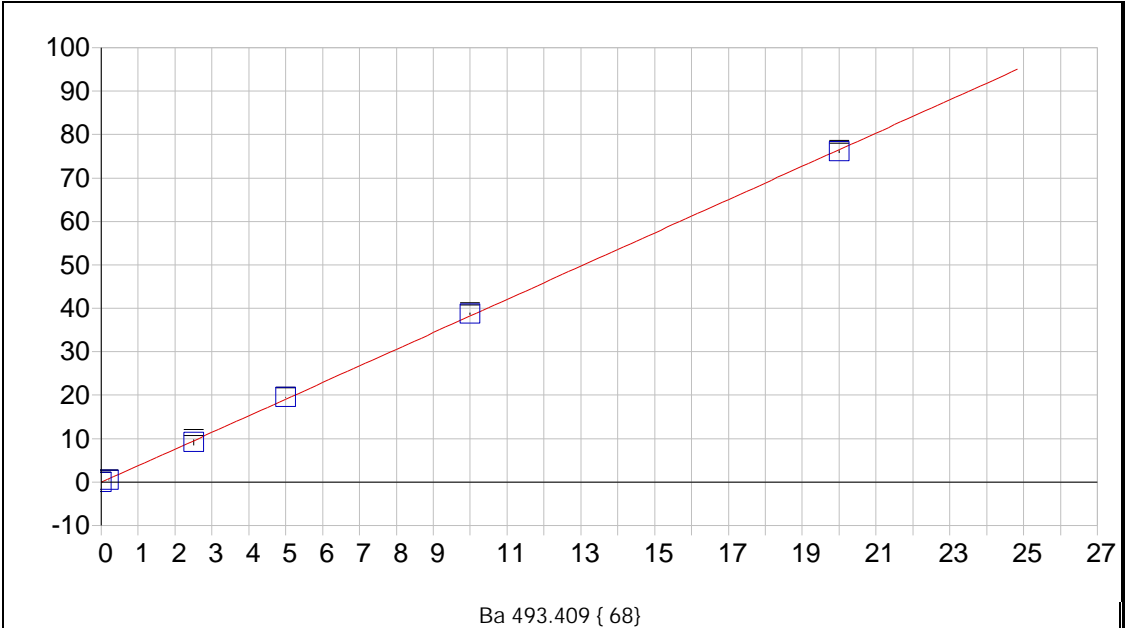


AI 396.152 { 85}

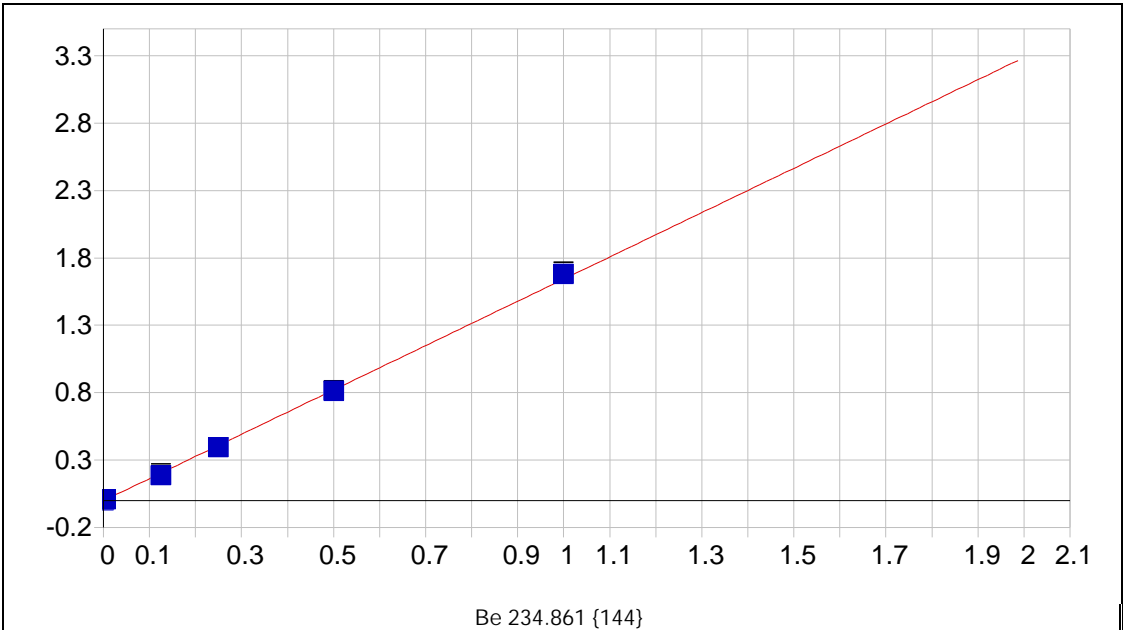
Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset):                    0.000042                                    Re-Slope: 1.000000  
 A1 (Gain):                      0.093655                                    Y-int: 0.000000  
 A2 (Curvature):            0.000000  
 n (Exponent):                1.000000  
 Correlation:                  0.999494                                    Status:      OK.  
 Std Error of Est:            0.001854  
 Predicted MDL:              0.003324  
 Predicted MQL:              0.011081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00005	.000	1
S1	.20000	.18551	-.014	-7.25	.01745	.001	1
S2	38.750	33.313	-5.44	-14.0	3.1243	.254	1
S3	77.500	72.245	-5.25	-6.78	6.7749	.015	1
S4	155.00	151.33	-3.67	-2.37	14.190	.046	1
S5	310.00	312.78	2.78	.897	29.328	.242	1
S6	800.00	811.61	11.6	1.45	76.011	.687	1



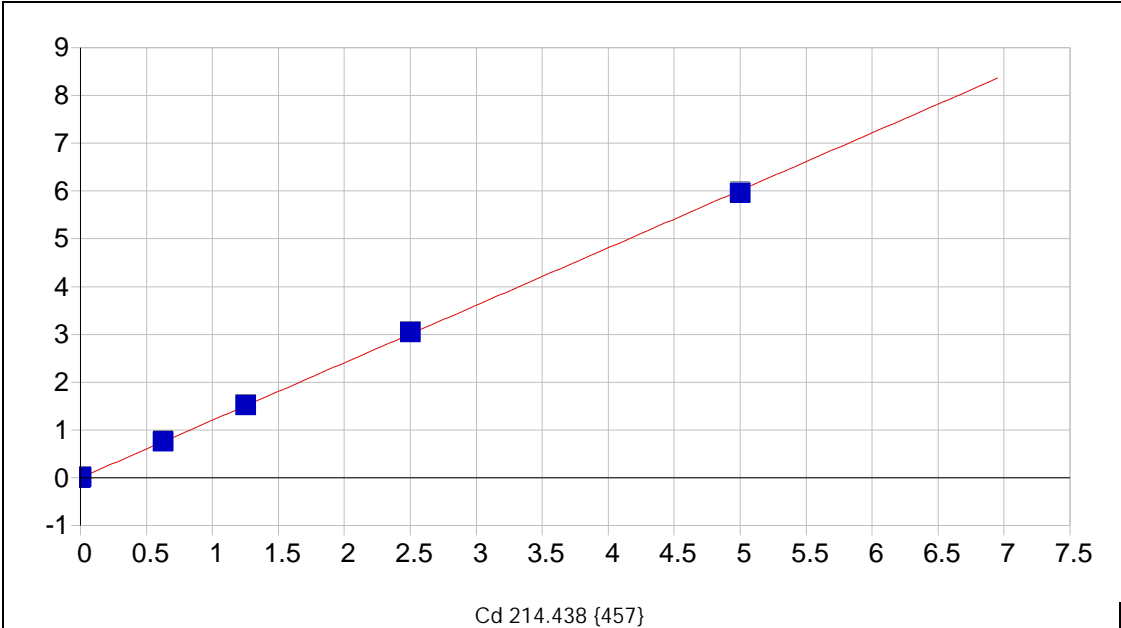
Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.070305	Re-Slope:	1.000000				
A1 (Gain):	3.829327	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999701	Status:	OK.				
Std Error of Est:	0.009961						
Predicted MDL:	0.000334						
Predicted MQL:	0.001115						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00005	.000	.000	-.07010	.001	1
S1	.20000	.14863	-.051	-25.7	.49886	.004	1
S2	2.5000	2.4035	-.096	-3.86	9.1336	.737	1
S3	5.0000	5.1227	.123	2.45	19.546	.059	1
S4	10.000	10.140	.140	1.40	38.761	.249	1
S5	20.000	19.885	-.115	-.577	76.075	.372	1



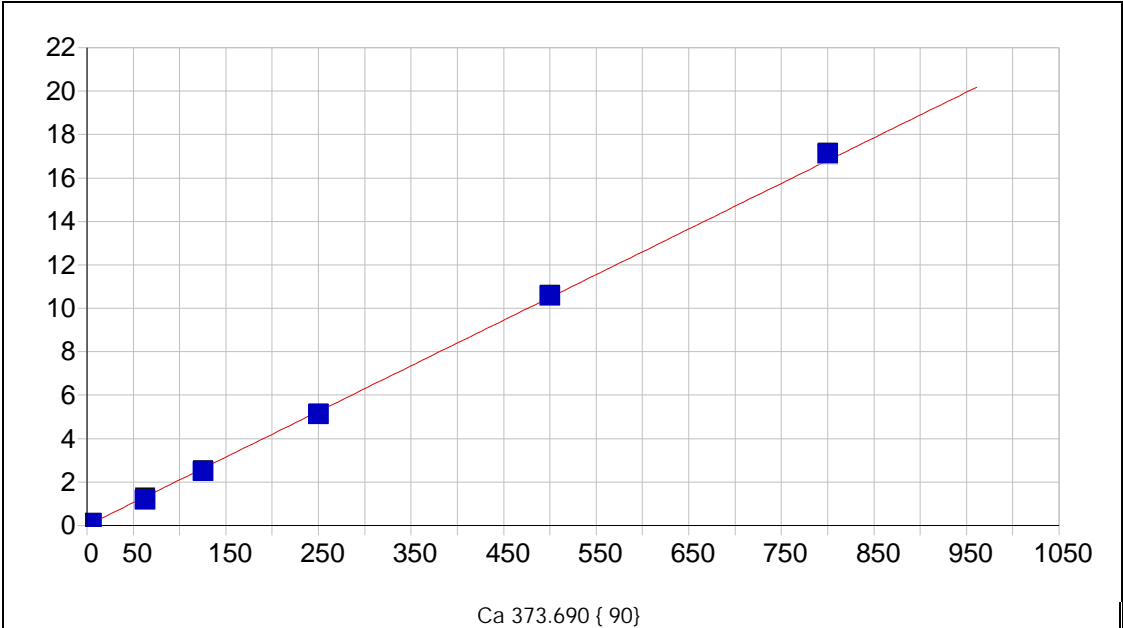
Be 234.861 {144}

Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.001581	Re-Slope:	1.000000	Y-int:	0.000000		
A1 (Gain):	1.644542						
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999537	Status:	OK.				
Std Error of Est:	0.000187						
Predicted MDL:	0.000107						
Predicted MQL:	0.000358						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00158	.000	1
S1	.00500	.00520	.000	4.04	.00697	.000	1
S2	.12500	.11542	-.010	-7.66	.18755	.013	1
S3	.25000	.24032	-.010	-3.87	.39225	.001	1
S4	.50000	.49520	-.005	-.960	.81004	.003	1
S5	1.0000	1.0239	.024	2.39	1.6767	.014	1





Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000338	Re-Slope:	1.000000				
A1 (Gain):	1.202843	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999946	Status:	OK.				
Std Error of Est:	0.000105						
Predicted MDL:	0.000168						
Predicted MQL:	0.000560						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.00500	.00515	.000	2.97	.00586	.000	1
S2	.62500	.63149	.006	1.04	.76101	.002	1
S3	1.2500	1.2617	.012	.933	1.5208	.005	1
S4	2.5000	2.5302	.030	1.21	3.0501	.006	1
S5	5.0000	4.9515	-.048	-.970	5.9697	.010	1

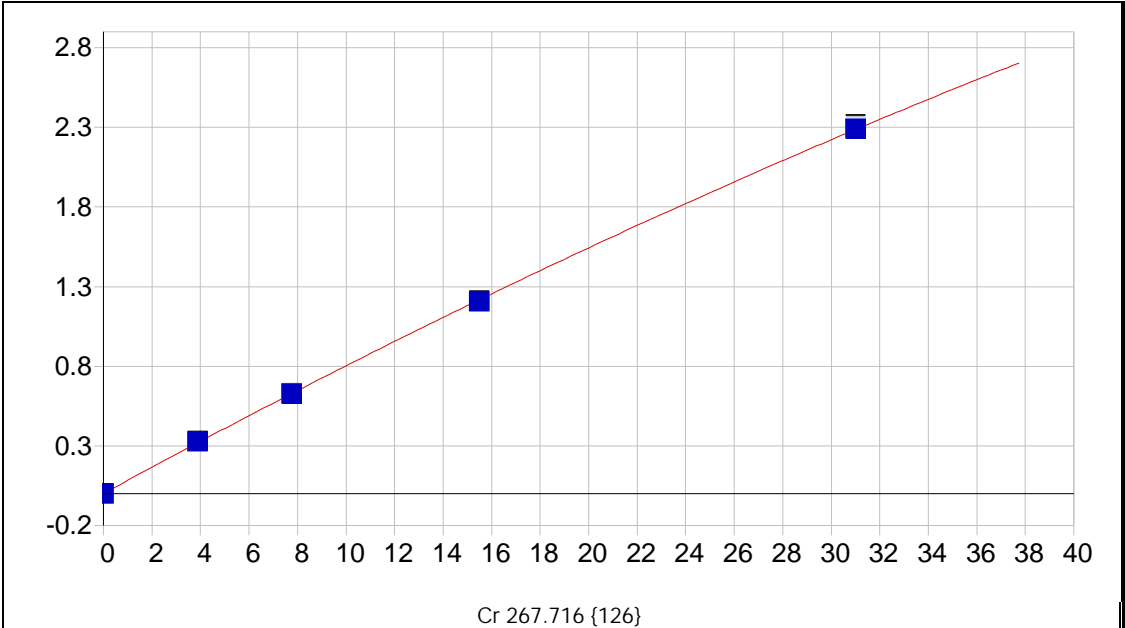


Ca 373.690 { 90}

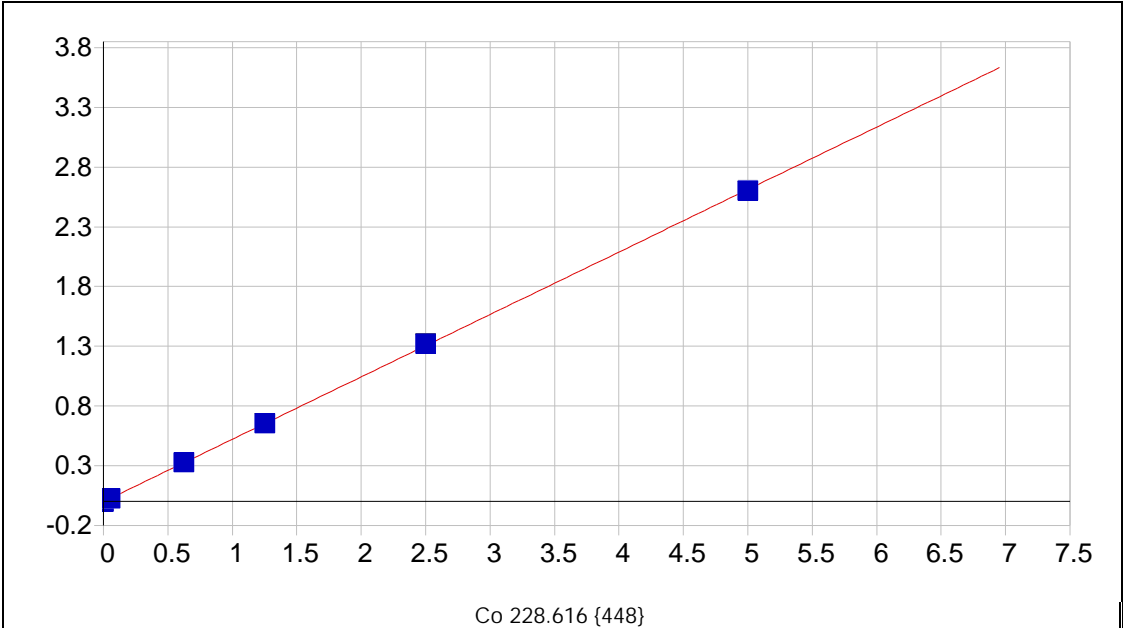
Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.001013      Re-Slope: 1.000000  
 A1 (Gain): 0.021000      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999619      Status: OK.  
 Std Error of Est: 0.002021  
 Predicted MDL: 0.011781  
 Predicted MQL: 0.039269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00113	.001	.000	.00104	.000	1
S1	5.0000	4.5749	-.425	-8.50	.09708	.001	1
S2	62.500	56.555	-5.94	-9.51	1.1871	.086	1
S3	125.00	119.39	-5.61	-4.49	2.5050	.006	1
S4	250.00	243.57	-6.43	-2.57	5.1097	.012	1
S5	500.00	503.41	3.41	.683	10.560	.028	1
S6	800.00	815.01	15.0	1.88	17.083	.030	1



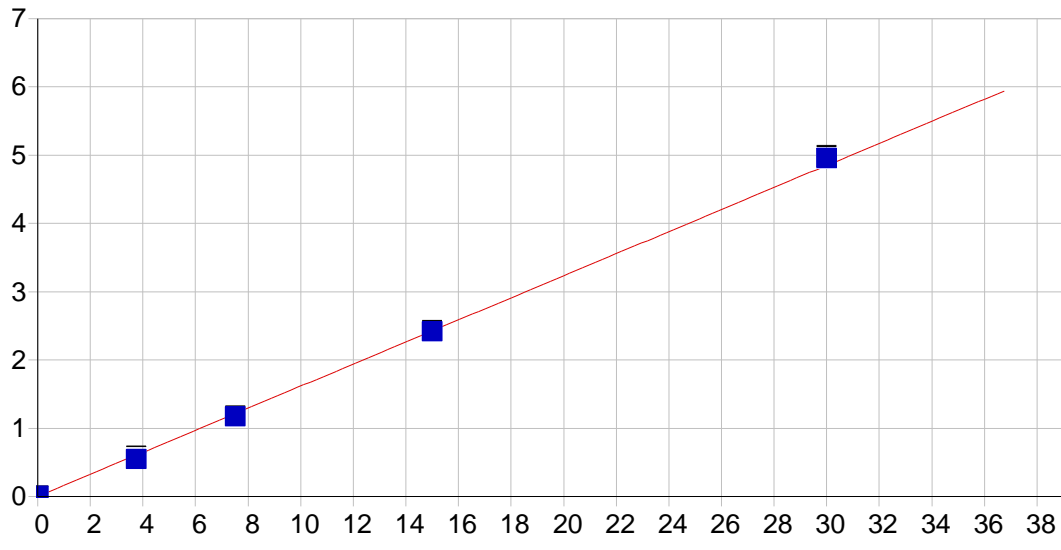
Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Curvilinear	Weighting:	1/Conc		
A0 (Offset):	-0.000020	Re-Slope:	1.000000				
A1 (Gain):	0.083404	Y-int:	0.000000				
A2 (Curvature):	-0.000311						
n (Exponent):	1.000000						
Correlation:	0.999955	Status:	OK.				
Std Error of Est:	0.000025						
Predicted MDL:	0.000578						
Predicted MQL:	0.001926						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01157	.002	15.7	.00096	.000	1
S2	3.8750	3.9797	.105	2.70	.32781	.002	1
S3	7.7500	7.7228	-.027	-.351	.62720	.002	1
S4	15.500	15.339	-.161	-1.04	1.2094	.004	1
S5	31.000	31.085	.085	.273	2.2983	.018	1



Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000560      Re-Slope: 1.000000  
 A1 (Gain): 0.522468      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999973      Status: OK.  
 Std Error of Est: 0.000102  
 Predicted MDL: 0.000348  
 Predicted MQL: 0.001160

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.05000	.04711	-.003	-5.78	.02415	.000	1
S2	.62500	.62503	.000	.005	.32668	.000	1
S3	1.2500	1.2521	.002	.170	.65500	.001	1
S4	2.5000	2.5241	.024	.966	1.3210	.002	1
S5	5.0000	4.9766	-.023	-.468	2.6050	.002	1

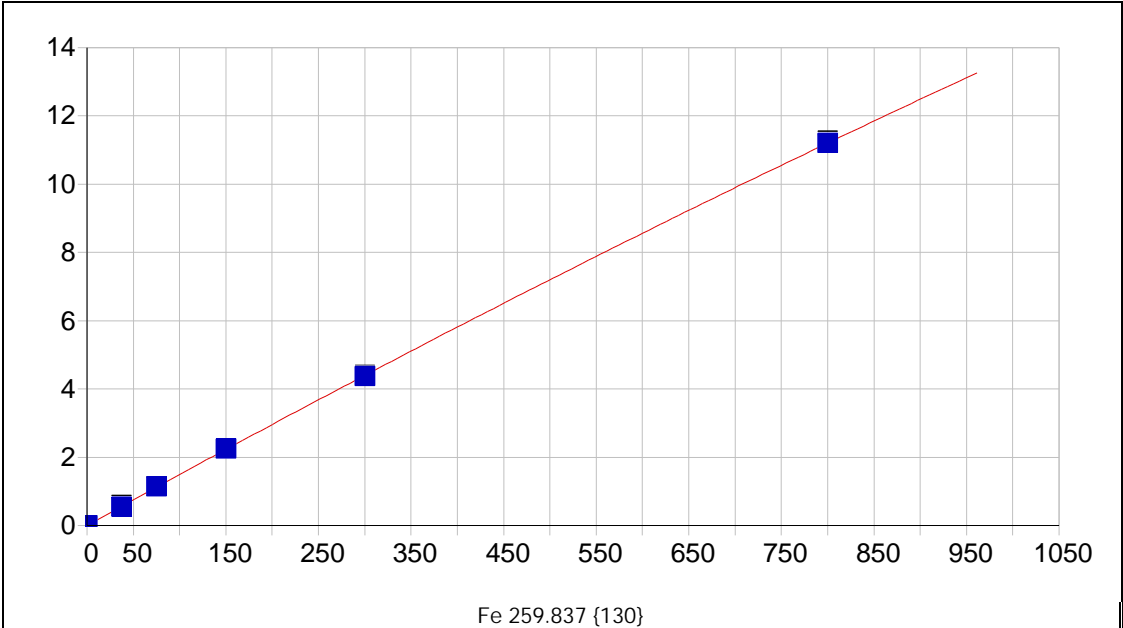


Cu 324.754 (104)

Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000894      Re-Slope: 1.000000  
 A1 (Gain): 0.161652      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999454      Status: OK.  
 Std Error of Est: 0.000245  
 Predicted MDL: 0.000960  
 Predicted MQL: 0.003200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.02500	.02420	-.001	-3.22	.00478	.000	1
S2	3.7500	3.3730	-.377	-10.1	.54442	.045	1
S3	7.5000	7.2476	-.252	-3.37	1.1690	.006	1
S4	15.000	14.968	-.032	-.214	2.4136	.012	1
S5	30.000	30.662	.662	2.21	4.9437	.042	1

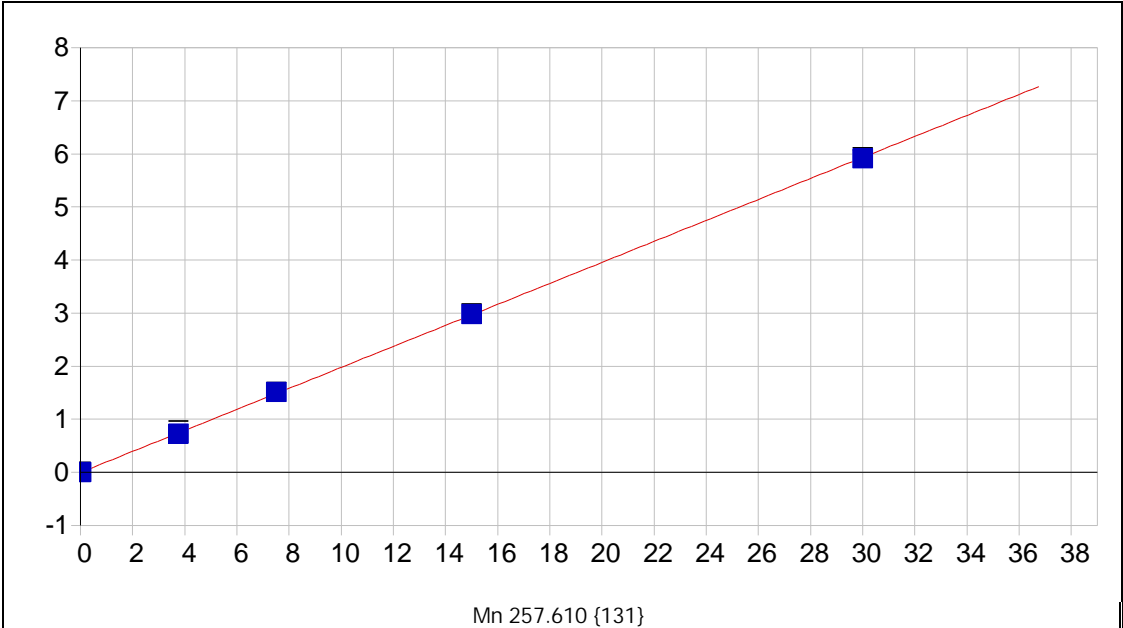


Fe 259.837 {130}

Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Curvilinear	Weighting:	1/Conc
A0 (Offset):	0.000171	Re-Slope:	1.000000	Y-int:	0.000000
A1 (Gain):	0.015059				
A2 (Curvature):	-0.000001				
n (Exponent):	1.000000				
Correlation:	0.999970	Status:	OK.		
Std Error of Est:	0.000054				
Predicted MDL:	0.006917				
Predicted MQL:	0.023058				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00017	.000	1
S1	.10000	.11763	.018	17.6	.00195	.000	1
S2	37.500	36.256	-1.24	-3.32	.54512	.043	1
S3	75.000	76.021	1.02	1.36	1.1387	.006	1
S4	150.00	151.35	1.35	.899	2.2519	.006	1
S5	300.00	298.62	-1.38	-.461	4.3852	.018	1
S6	800.00	800.24	.243	.030	11.214	.052	1

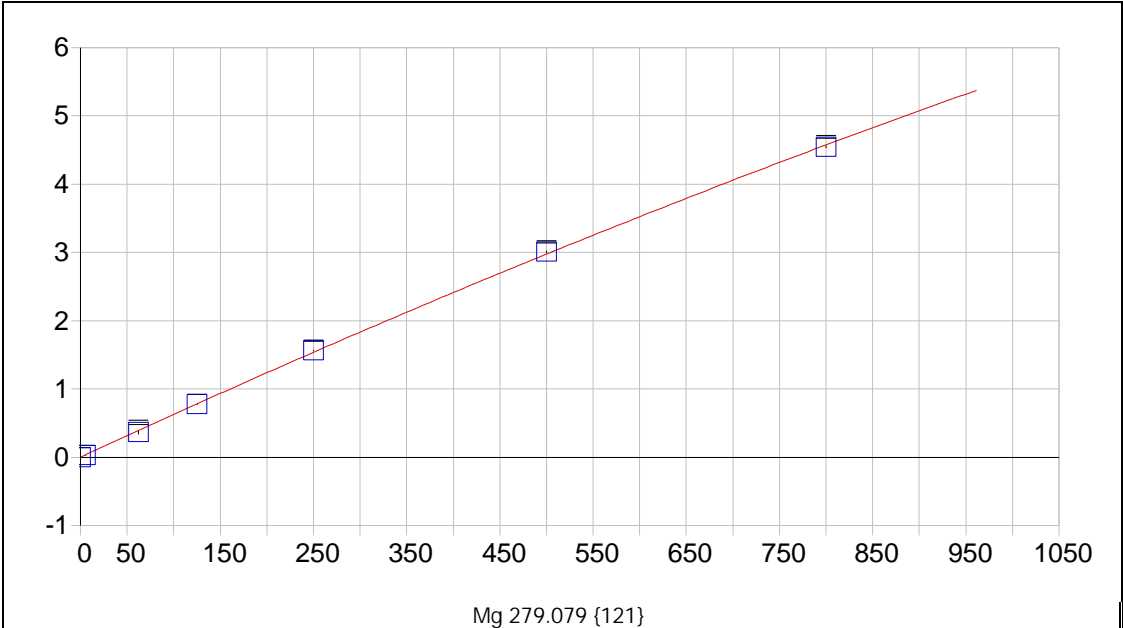


Mn 257.610 {131}

Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000023	Re-Slope:	1.000000		
A1 (Gain):	0.197765	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999961	Status:	OK.		
Std Error of Est:	0.000062				
Predicted MDL:	0.000528				
Predicted MQL:	0.001759				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01500	.01638	.001	9.21	.00322	.000	1
S2	3.7500	3.6800	-.070	-1.87	.72792	.055	1
S3	7.5000	7.6267	.127	1.69	1.5086	.003	1
S4	15.000	15.066	.066	.440	2.9801	.012	1
S5	30.000	29.876	-.124	-.413	5.9097	.024	1

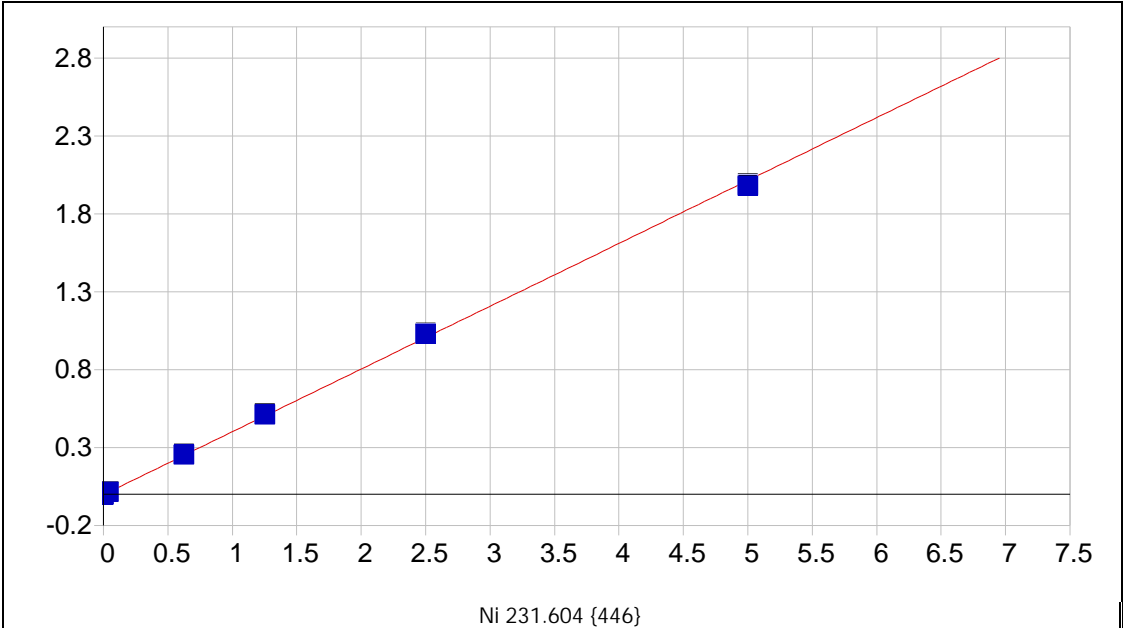


Date of Fit: 10/12/2017 11:56:58      Type of Fit: Curvilinear      Weighting: 1/Conc

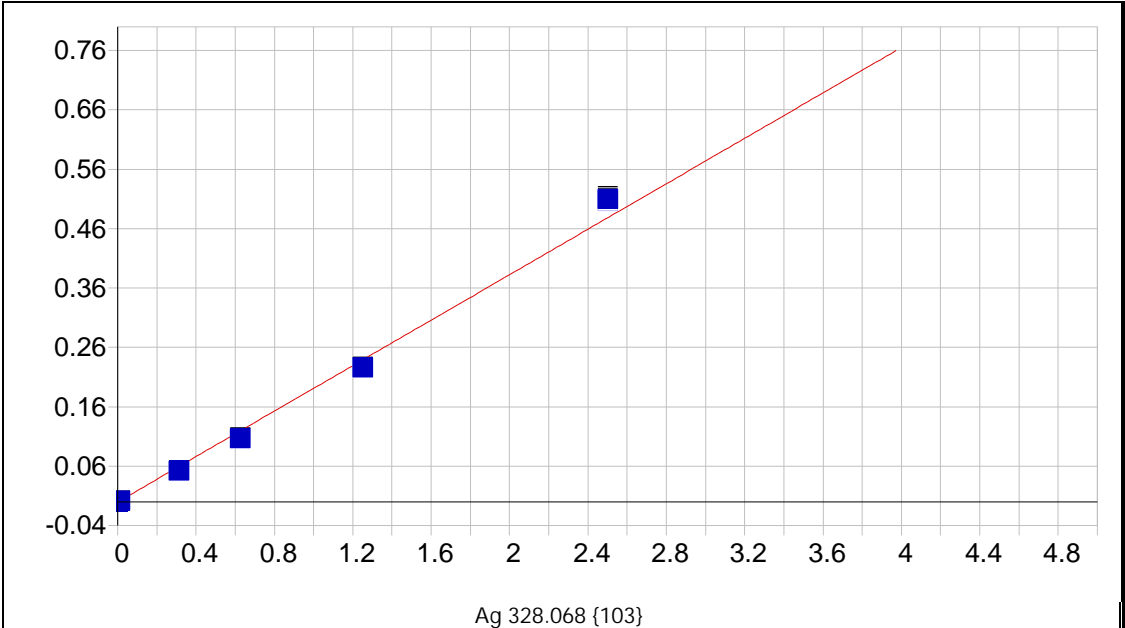
A0 (Offset): -0.000109      Re-Slope: 1.000000  
 A1 (Gain): 0.006350      Y-int: 0.000000  
 A2 (Curvature): -0.000001  
 n (Exponent): 1.000000  
 Correlation: 0.999858      Status: OK.  
 Std Error of Est: 0.000389  
 Predicted MDL: 0.018811  
 Predicted MQL: 0.062703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	-.00011	.000	1
S1	5.0000	4.7631	-.237	-4.74	.03012	.001	1
S2	62.500	58.227	-4.27	-6.84	.36693	.029	1
S3	125.00	124.44	-.563	-.451	.77778	.001	1
S4	250.00	254.04	4.04	1.61	1.5619	.007	1
S5	500.00	506.02	6.02	1.20	3.0106	.017	1
S6	800.00	794.94	-5.06	-.633	4.5483	.021	1





Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.001551	Re-Slope:	1.000000				
A1 (Gain):	0.403050	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999821	Status:	OK.				
Std Error of Est:	0.000182						
Predicted MDL:	0.000530						
Predicted MQL:	0.001766						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00000	.000	.000	-.00155	.000	1
S1	.04000	.03979	.000	-.523	.01451	.000	1
S2	.62500	.63830	.013	2.13	.25704	.000	1
S3	1.2500	1.2740	.024	1.92	.51457	.002	1
S4	2.5000	2.5519	.052	2.08	1.0323	.003	1
S5	5.0000	4.9111	-.089	-1.78	1.9885	.005	1

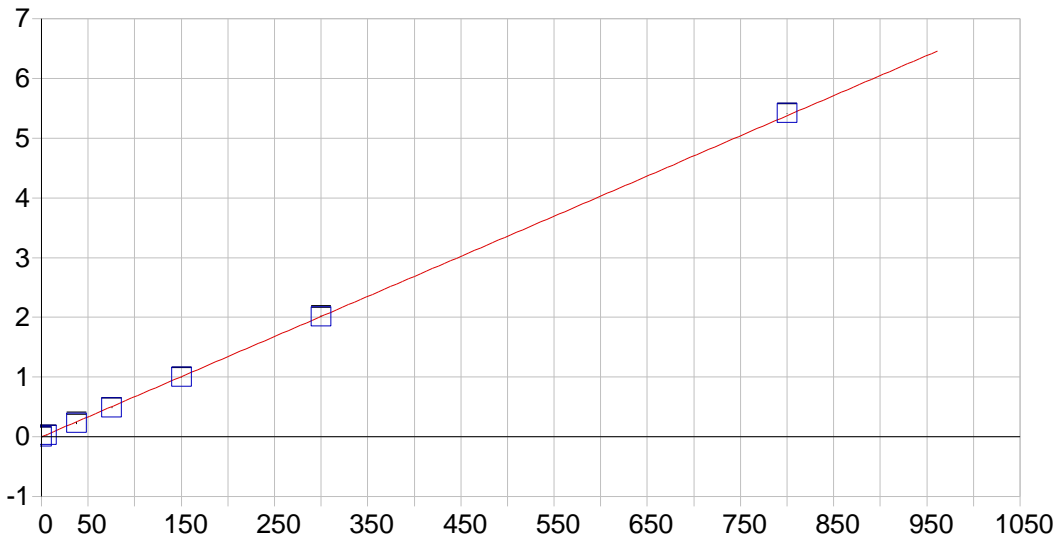


Ag 328.068 {103}

Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.000436	Re-Slope:	1.000000		
A1 (Gain):	0.191450	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.997314	Status:	OK.		
Std Error of Est:	0.000117				
Predicted MDL:	0.000393				
Predicted MQL:	0.001310				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00044	.000	1
S1	.01000	.00950	-.001	-5.03	.00138	.000	1
S2	.31250	.27559	-.037	-11.8	.05192	.000	1
S3	.62500	.56187	-.063	-10.1	.10632	.000	1
S4	1.2500	1.1855	-.065	-5.16	.22489	.001	1
S5	2.5000	2.6651	.165	6.60	.50652	.005	1

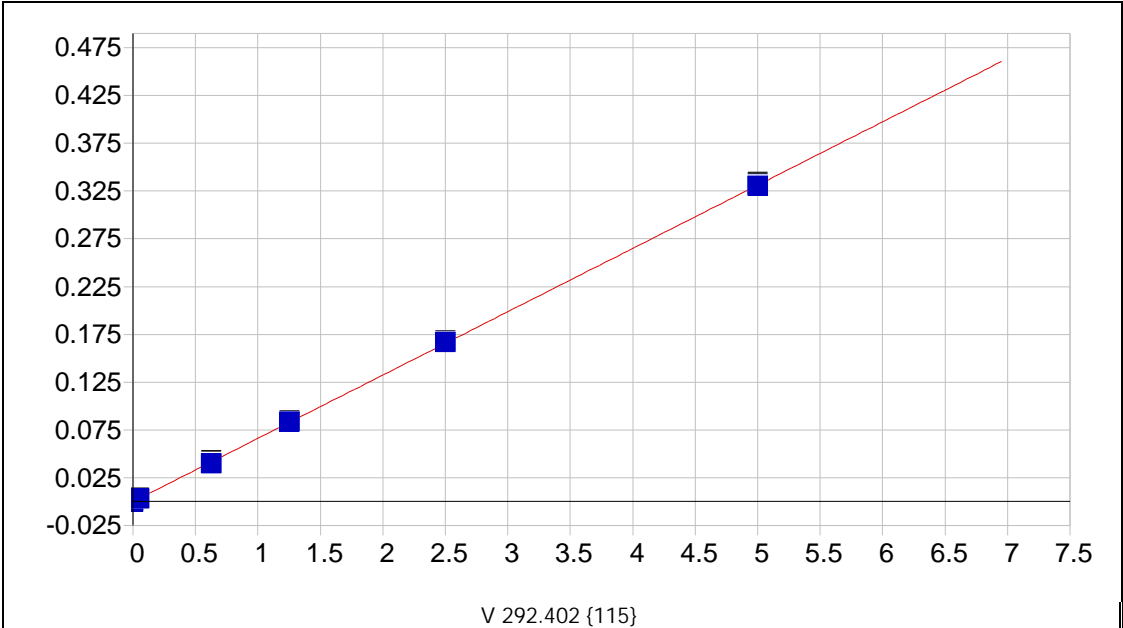


Na 818.326 { 41}

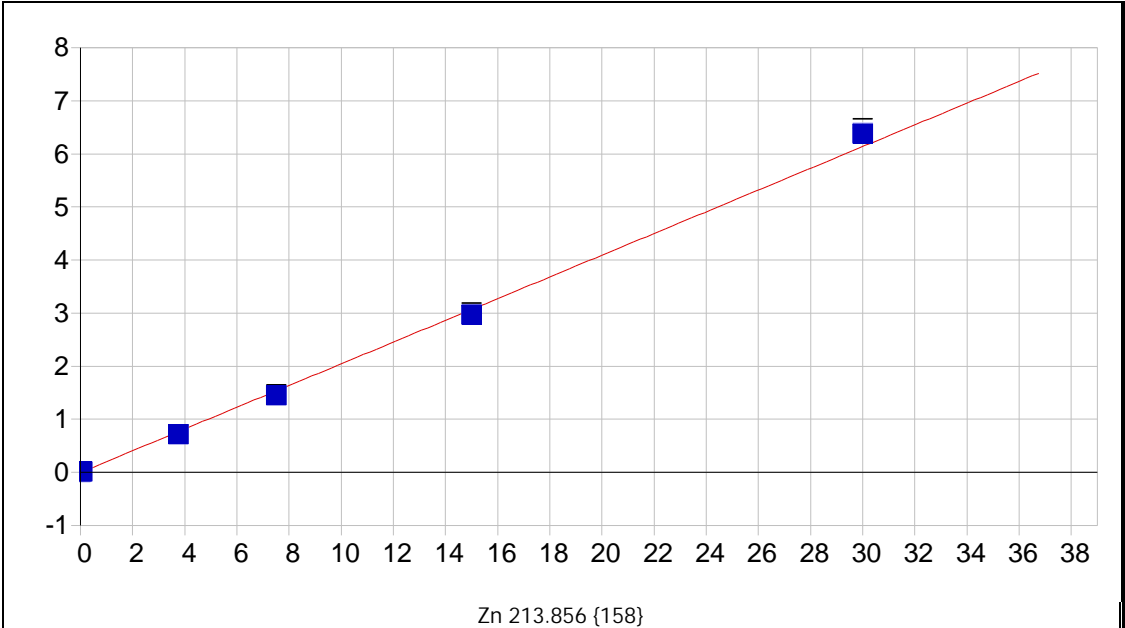
Date of Fit: 10/12/2017 11:56:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001333 Re-Slope: 1.000000  
 A1 (Gain): 0.006719 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999837 Status: OK.  
 Std Error of Est: 0.000376  
 Predicted MDL: 0.086655  
 Predicted MQL: 0.288849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	-.00133	.000	1
S1	5.0000	4.6339	-.366	-7.32	.02980	.001	1
S2	37.500	34.111	-3.39	-9.04	.22787	.018	1
S3	75.000	72.947	-2.05	-2.74	.48882	.003	1
S4	150.00	149.25	-.750	-.500	1.0015	.004	1
S5	300.00	299.99	-.014	-.005	2.0144	.015	1
S6	800.00	806.57	6.57	.821	5.4182	.005	1



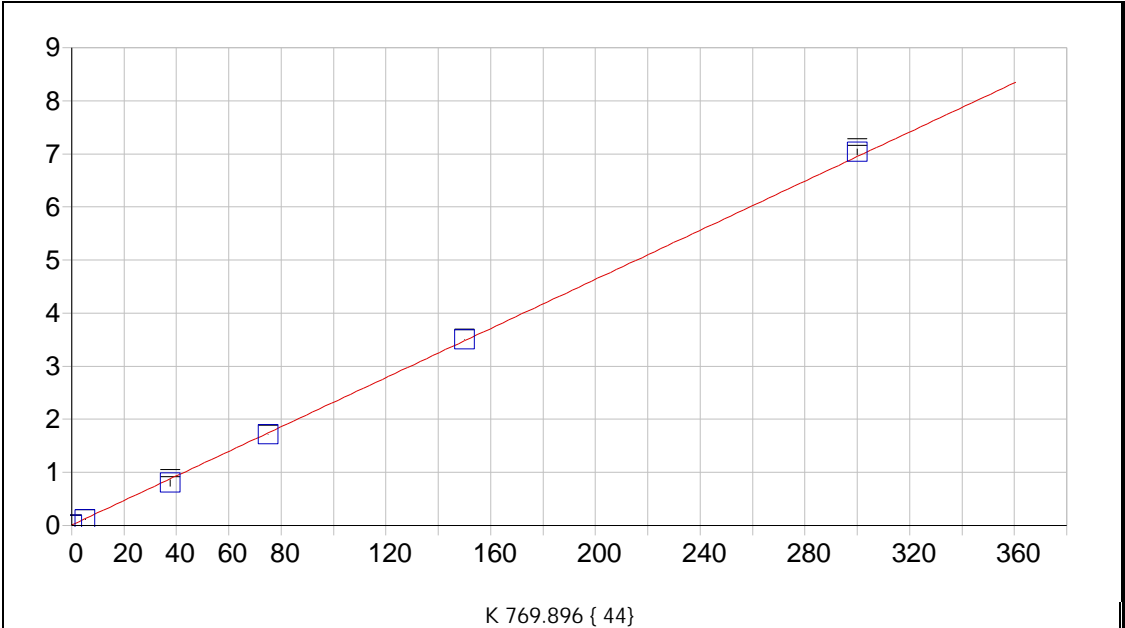
Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000066	Re-Slope:	1.000000				
A1 (Gain):	0.066262	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999919	Status:	OK.				
Std Error of Est:	0.000023						
Predicted MDL:	0.002032						
Predicted MQL:	0.006774						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.05000	.05187	.002	3.74	.00338	.000	1
S2	.62500	.59853	-.026	-4.24	.03977	.003	1
S3	1.2500	1.2641	.014	1.13	.08404	.000	1
S4	2.5000	2.5208	.021	.832	.16765	.001	1
S5	5.0000	4.9897	-.010	-.206	.33193	.002	1



Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000572      Re-Slope: 1.000000  
 A1 (Gain): 0.204585      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999033      Status: OK.  
 Std Error of Est: 0.000642  
 Predicted MDL: 0.004307  
 Predicted MQL: 0.014358

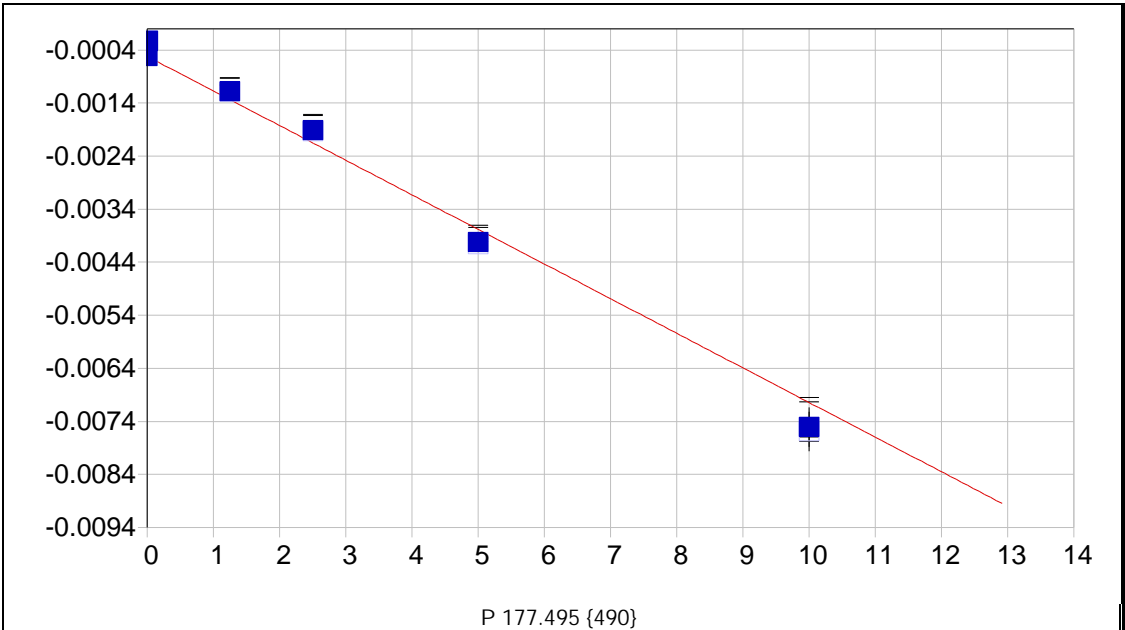
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00057	.001	1
S1	.06000	.05506	-.005	-8.24	.01074	.000	1
S2	3.7500	3.4739	-.276	-7.36	.71199	.003	1
S3	7.5000	7.0610	-.439	-5.85	1.4477	.018	1
S4	15.000	14.521	-.479	-3.19	2.9776	.027	1
S5	30.000	31.199	1.20	4.00	6.3970	.083	1



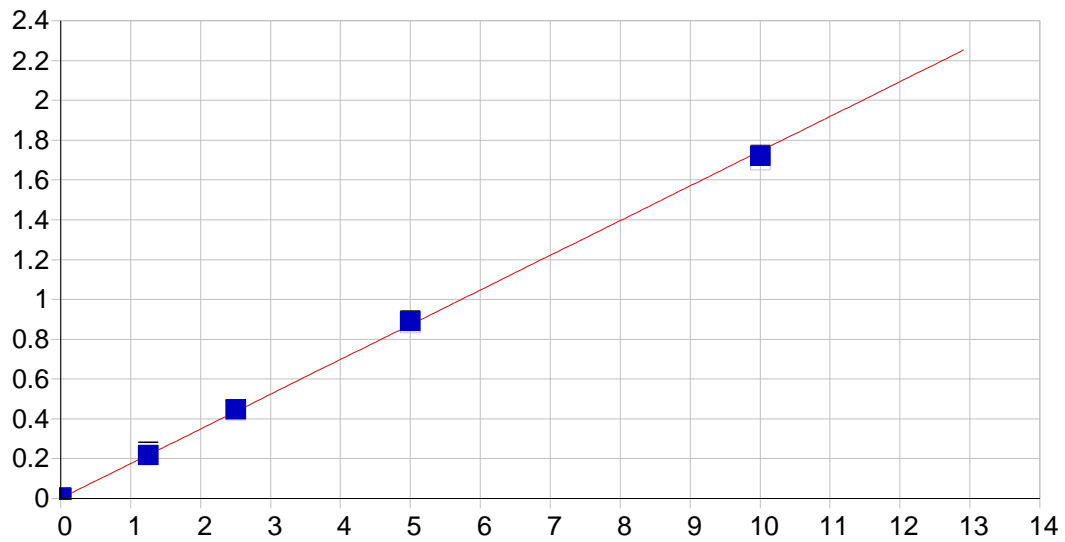
Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.008703      Re-Slope: 1.000000  
 A1 (Gain): 0.023134      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999671      Status: OK.  
 Std Error of Est: 0.001223  
 Predicted MDL: 0.021583  
 Predicted MQL: 0.071942

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00074	.001	.000	.00872	.000	1
S1	5.0000	4.6796	-.320	-6.41	.11696	.002	1
S2	37.500	34.308	-3.19	-8.51	.80238	.067	1
S3	75.000	73.614	-1.39	-1.85	1.7117	.004	1
S4	150.00	151.22	1.22	.813	3.5071	.007	1
S5	300.00	303.68	3.68	1.23	7.0341	.061	1



Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.000519	Re-Slope:	1.000000				
A1 (Gain):	-0.000653	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.688123	Status:	Warning	Negative Gain			
Std Error of Est:	0.000012						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00052	.000	1
S1	.01000	-.45047	-.460	-4600.	-.00022	.000	1
S2	1.2500	1.0063	-.244	-19.5	-.00119	.000	1
S3	2.5000	2.1361	-.364	-14.6	-.00193	.000	1
S4	5.0000	5.3653	.365	7.31	-.00406	.000	1
S5	10.000	10.706	.706	7.06	-.00759	.000	1



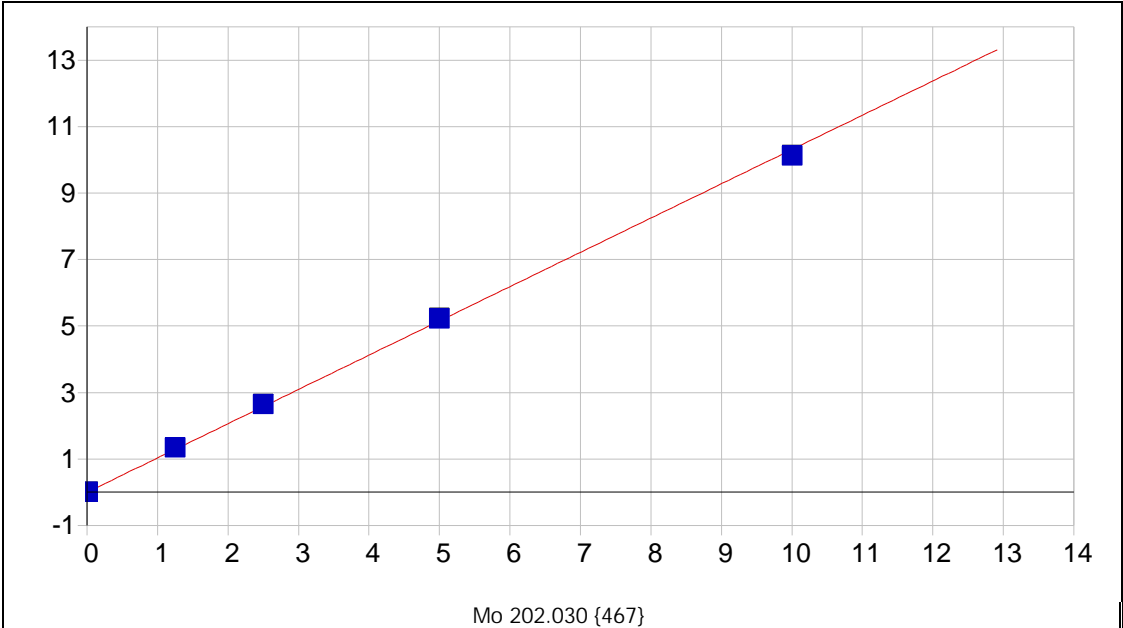
B 249.678 {135}

Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

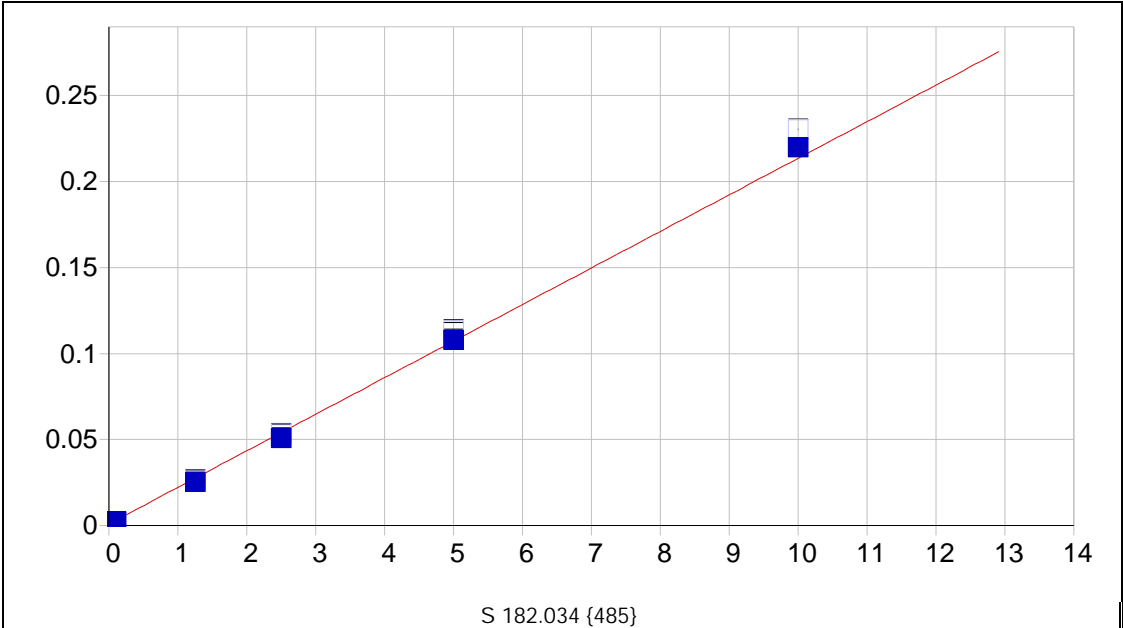
A0 (Offset):                    0.000536                                    Re-Slope: 1.000000  
 A1 (Gain):                     0.174418                                    Y-int: 0.000000  
 A2 (Curvature):               0.000000  
 n (Exponent):                 1.000000  
 Correlation:                    0.999852                                    Status:      OK.  
 Std Error of Est:               0.000050  
 Predicted MDL:                0.001050  
 Predicted MQL:                0.003499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.01000	.01077	.001	7.65	.00242	.000	1
S2	1.2500	1.2492	-.001	-.061	.21570	.015	1
S3	2.5000	2.5526	.053	2.10	.44029	.002	1
S4	5.0000	5.0991	.099	1.98	.87898	.002	1
S5	10.000	9.8483	-.152	-1.52	1.6964	.008	1





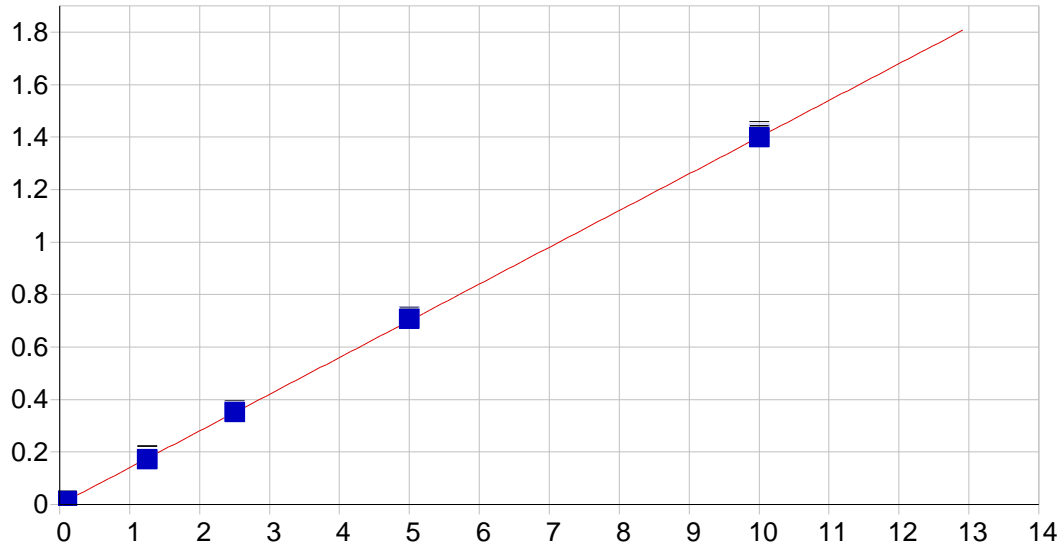
Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000238			Re-Slope:	1.000000		
A1 (Gain):	1.030948			Y-int:	0.000000		
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999793	Status:	OK.				
Std Error of Est:	0.000352						
Predicted MDL:	0.000380						
Predicted MQL:	0.001267						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00000	.000	.000	.00024	.000	1
S1	.01000	.01164	.002	16.4	.01226	.000	1
S2	1.2500	1.2985	.048	3.88	1.3400	.010	1
S3	2.5000	2.5631	.063	2.53	2.6450	.006	1
S4	5.0000	5.0655	.065	1.31	5.2272	.011	1
S5	10.000	9.8213	-.179	-1.79	10.135	.004	1



Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000903      Re-Slope: 1.000000  
A1 (Gain): 0.021268      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998968      Status: OK.  
Std Error of Est: 0.000054  
Predicted MDL: 0.005706  
Predicted MQL: 0.019019

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00090	.000	1
S1	.10000	.06265	-.037	-37.3	.00224	.000	1
S2	1.2500	1.1369	-.113	-9.05	.02643	.000	1
S3	2.5000	2.3384	-.162	-6.47	.05334	.000	1
S4	5.0000	5.0234	.023	.467	.11315	.001	1
S5	10.000	10.287	.287	2.87	.23050	.000	1

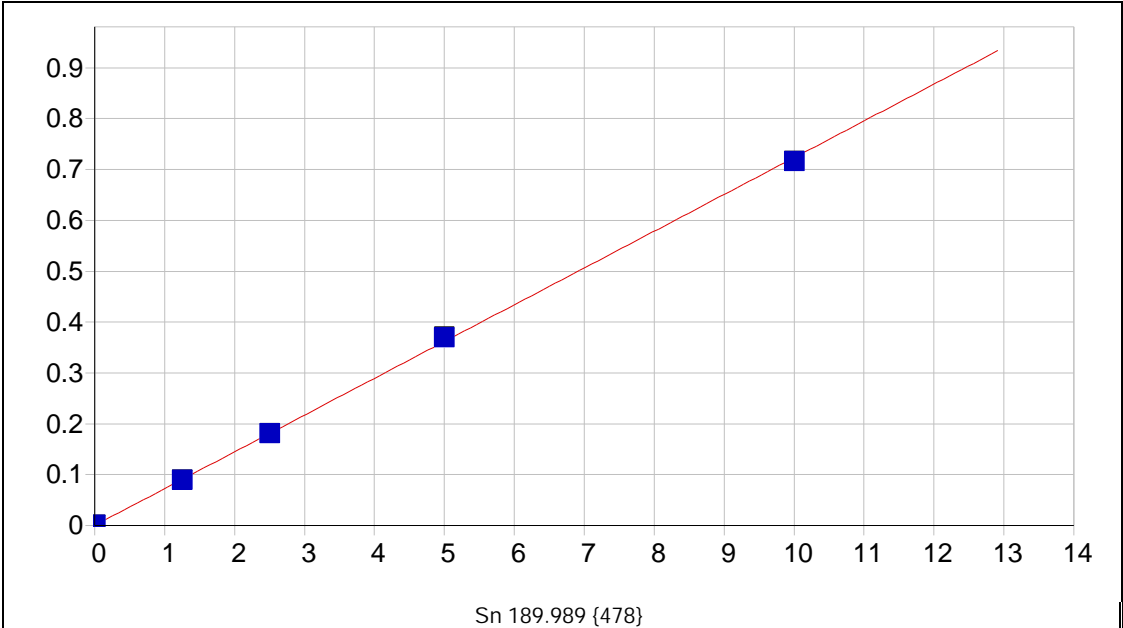


Si 251.611 {134}

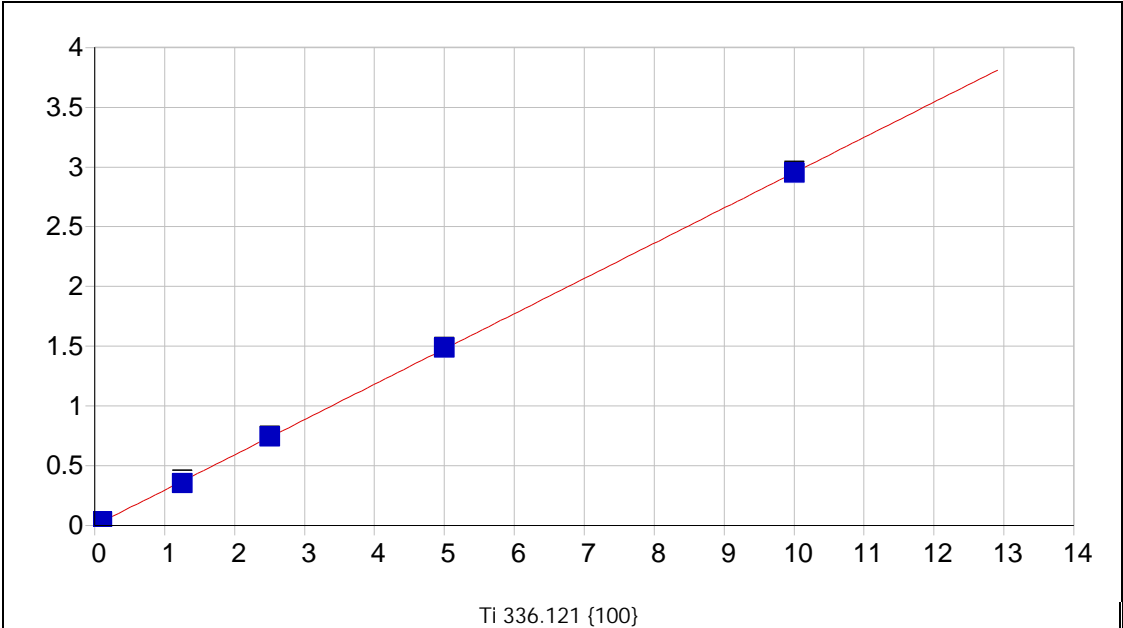
Date of Fit: 10/12/2017 11:56:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000301 Re-Slope: 1.000000  
 A1 (Gain): 0.139939 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999965 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.001209  
 Predicted MQL: 0.004028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00030	.000	1
S1	.10000	.09296	-.007	-7.04	.01336	.000	1
S2	1.2500	1.2255	-.024	-1.96	.17386	.011	1
S3	2.5000	2.5058	.006	.233	.35508	.001	1
S4	5.0000	5.0415	.042	.831	.71405	.001	1
S5	10.000	9.9841	-.016	-.159	1.4139	.007	1



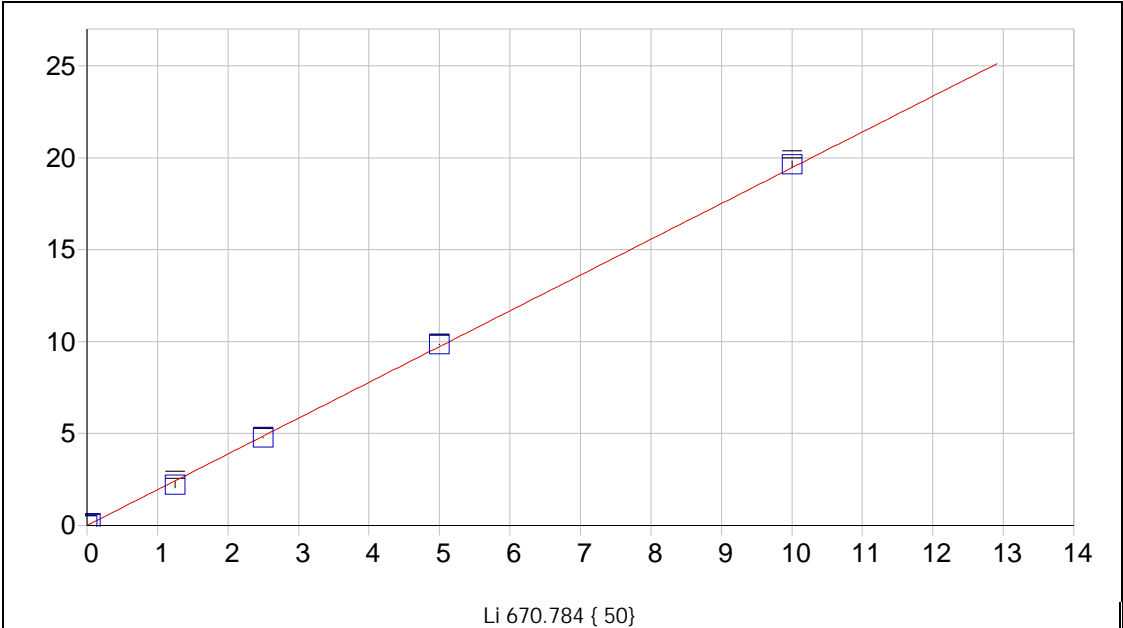
Date of Fit:	10/12/2017 11:56:58	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000198	Re-Slope:	1.000000				
A1 (Gain):	0.072306	Y-int:	0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999899	Status:	OK.				
Std Error of Est:	0.000014						
Predicted MDL:	0.001644						
Predicted MQL:	0.005480						
<b>Std. Name</b>	<b>Stated Conc.</b>	<b>Found Conc.</b>	<b>Difference</b>	<b>% Diff.</b>	<b>(S)IR</b>	<b>Std Dev</b>	<b>Emphasis</b>
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00700	.00552	-.001	-21.1	.00059	.000	1
S2	1.2500	1.2356	-.014	-1.15	.08947	.000	1
S3	2.5000	2.5006	.001	.025	.18087	.001	1
S4	5.0000	5.1099	.110	2.20	.36939	.001	1
S5	10.000	9.9053	-.095	-.947	.71584	.000	1



Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000735      Re-Slope: 1.000000  
A1 (Gain): 0.295205      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999935      Status: OK.  
Std Error of Est: 0.000179  
Predicted MDL: 0.000664  
Predicted MQL: 0.002215

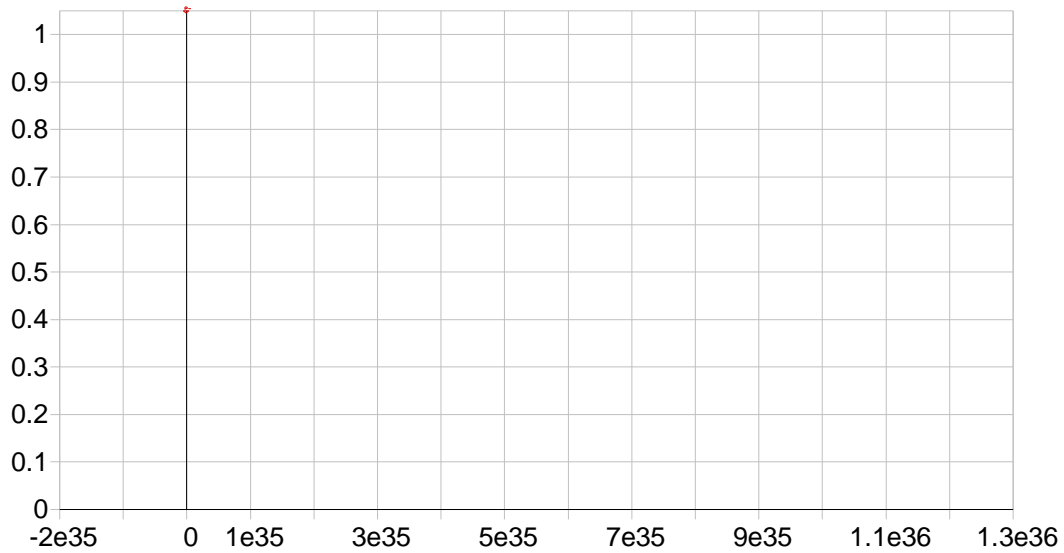
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.10000	.10085	.001	.850	.03050	.000	1
S2	1.2500	1.2000	-.050	-4.00	.35484	.028	1
S3	2.5000	2.5228	.023	.911	.74522	.003	1
S4	5.0000	5.0333	.033	.667	1.4861	.005	1
S5	10.000	9.9931	-.007	-.069	2.9497	.015	1



Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000528      Re-Slope: 1.000000  
 A1 (Gain): 1.945492      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999681      Status: OK.  
 Std Error of Est: 0.001845  
 Predicted MDL: 0.000344  
 Predicted MQL: 0.001147

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00054	.000	1
S5	10.000	10.094	.094	.936	19.638	.191	1
S4	5.0000	5.0596	.060	1.19	9.8439	.037	1
S3	2.5000	2.4588	-.041	-1.65	4.7841	.032	1
S2	1.2500	1.1403	-.110	-8.78	2.2189	.193	1
S1	.05000	.04777	-.002	-4.46	.09346	.002	1

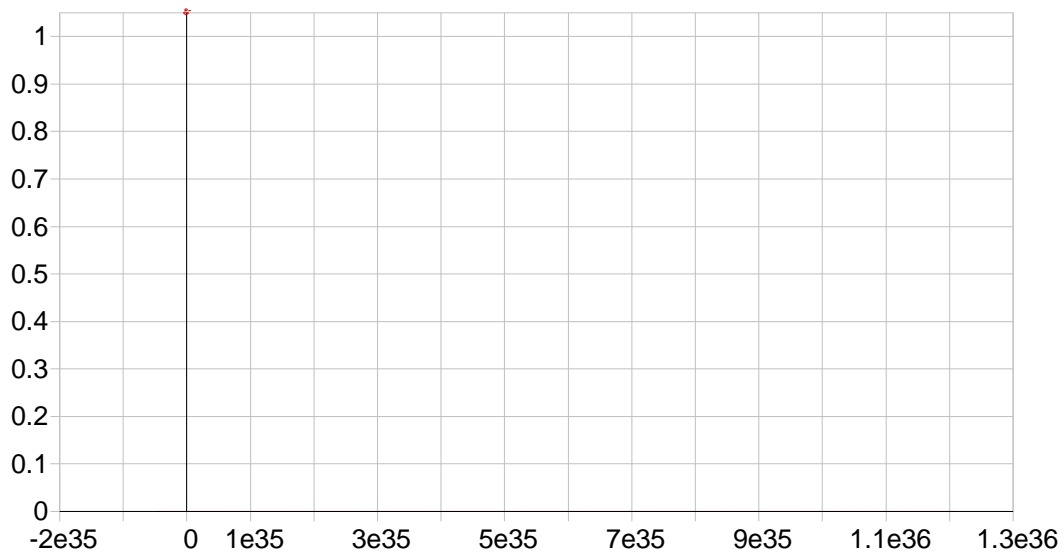


Y 224.306 {150}\*

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

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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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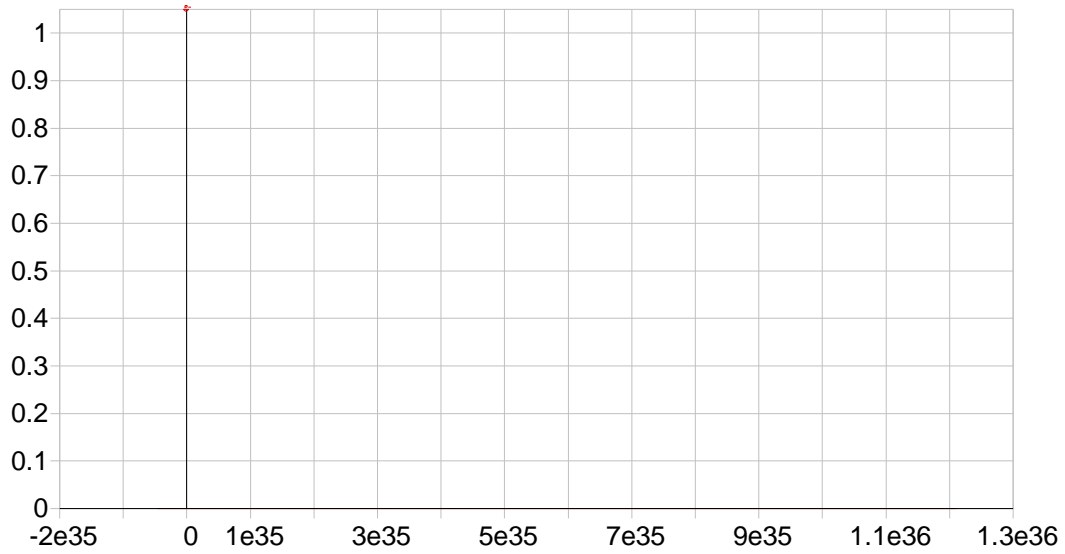
Y 224.306 {450}\*

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

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

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000                      Status:    Warning    Zero Gain  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

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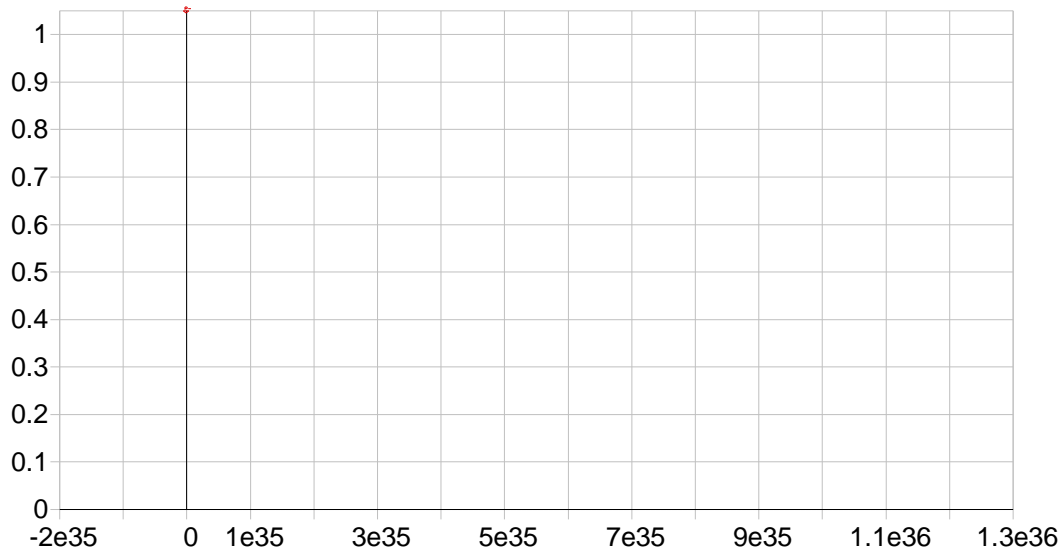


Date of Fit: <not fit>                      Type of Fit: Linear                      Weighting: 1/Conc

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

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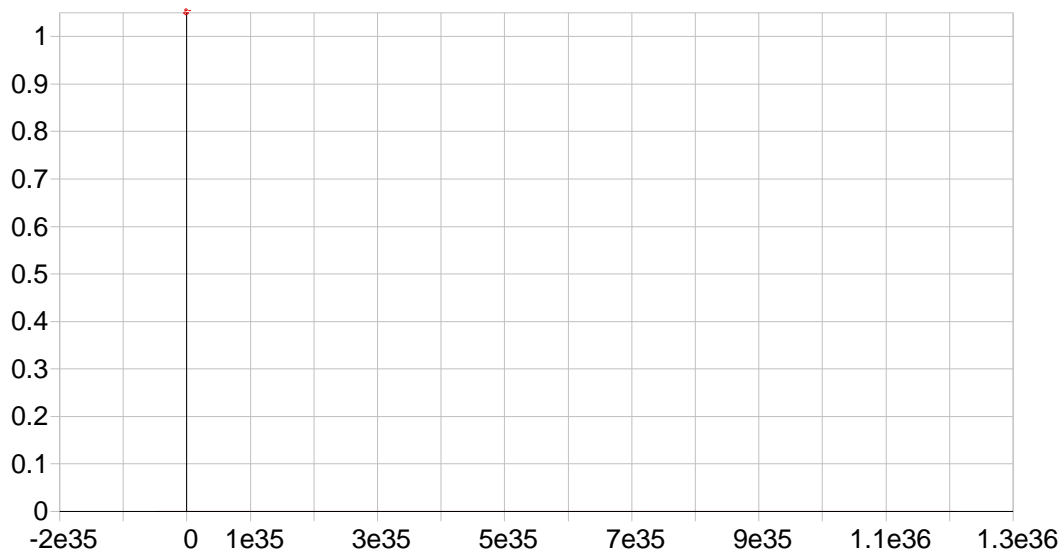


Y 371.030 { 91}\*

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

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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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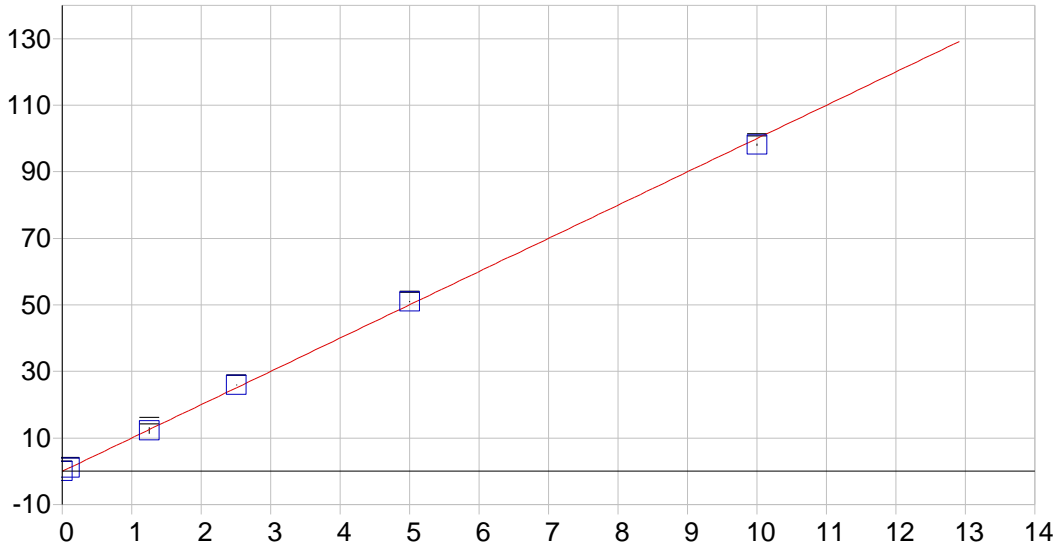
ln 230.606 {446}\*

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

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000      Status: Warning      Zero Gain  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83 }

Date of Fit: 10/12/2017 11:56:58      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.003114      Re-Slope: 1.000000  
 A1 (Gain): 10.001206      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999715      Status: OK.  
 Std Error of Est: 0.012690  
 Predicted MDL: 0.000032  
 Predicted MQL: 0.000105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00326	.000	1
S1	.10000	.11243	.012	12.4	1.1213	.008	1
S2	1.2500	1.2294	-.021	-1.65	12.292	.987	1
S3	2.5000	2.5944	.094	3.78	25.944	.031	1
S4	5.0000	5.0977	.098	1.95	50.980	.107	1
S5	10.000	9.8161	-.184	-1.84	98.170	.290	1

Sample Name: S0      Acquired: 10/12/2017 11:20:42      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	-.00058	-.00038	-.00028	.00062	.00004	.00005	-.07010	-.00158
Stddev	.00024	.00006	.00019	.00031	.00026	.00017	.00078	.00011
%RSD	41.871	14.768	67.393	49.143	730.14	353.71	1.1161	6.8434

#1	-.00079	-.00037	-.00010	.00074	.00030	.00012	-.06960	-.00159
#2	-.00031	-.00033	-.00027	.00086	-.00021	.00017	-.06970	-.00147
#3	-.00063	-.00044	-.00048	.00028	.00002	-.00014	-.07101	-.00169

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	-.00034	.00104	-.00002	-.00056	.00089	.00017	-.00002	-.00011
Stddev	.00004	.00008	.00001	.00013	.00005	.00008	.00007	.00006
%RSD	12.718	7.4000	40.946	23.788	6.0010	44.721	317.05	53.508

#1	-.00032	.00112	-.00003	-.00071	.00095	.00008	.00005	-.00012
#2	-.00030	.00102	-.00001	-.00047	.00090	.00023	-.00010	-.00004
#3	-.00039	.00097	-.00002	-.00049	.00084	.00020	-.00002	-.00015

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	-.00155	-.00044	-.00133	-.00007	-.00057	.00872	-.00052	.00054
Stddev	.00012	.00004	.00013	.00014	.00076	.00033	.00010	.00006
%RSD	8.0047	8.1276	9.6267	212.32	132.62	3.7477	18.867	10.446

#1	-.00169	-.00047	-.00127	.00003	.00026	.00842	-.00059	.00056
#2	-.00150	-.00043	-.00124	.00000	-.00121	.00907	-.00041	.00057
#3	-.00146	-.00040	-.00147	-.00023	-.00077	.00867	-.00056	.00047

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	.00024	.00090	.00030	.00020	.00074	.00054	-.00326
Stddev	.00024	.00005	.00011	.00007	.00004	.00011	.00012
%RSD	102.60	5.2531	35.865	37.378	5.8310	20.833	3.5521

#1	-.00004	.00095	.00023	.00028	.00073	.00041	-.00318
#2	.00037	.00085	.00043	.00016	.00070	.00062	-.00339
#3	.00038	.00091	.00025	.00015	.00078	.00059	-.00321

Sample Name: S0      Acquired: 10/12/2017 11:20:42      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	1019.4	1074.2	51884.	11281.	2831.3
Stddev	1.8	2.7	132.	14.	6.5
%RSD	.17780	.24694	.25350	.12782	.23090
#1	1021.3	1073.0	51741.	11286.	2824.1
#2	1017.7	1077.2	51911.	11265.	2836.9
#3	1019.3	1072.3	52000.	11293.	2832.9

Sample Name: S1      Acquired: 10/12/2017 11:24:49      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	-.00008	.00059	.00117	.00409	.01290	.01745	.49886	.00697
Stddev	.00019	.00012	.00018	.00023	.00062	.00139	.00443	.00007
%RSD	242.94	20.842	15.535	5.6419	4.8364	7.9642	.88891	.93296

#1	-.00027	.00063	.00109	.00386	.01240	.01905	.49377	.00698
#2	.00010	.00069	.00138	.00409	.01360	.01655	.50193	.00702
#3	-.00006	.00045	.00105	.00432	.01270	.01676	.50086	.00690

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	.00586	.09708	.00096	.02415	.00478	.00195	.00322	.03012
Stddev	.00018	.00052	.00004	.00031	.00007	.00028	.00022	.00060
%RSD	3.1557	.54045	4.2488	1.2871	1.4909	14.331	6.8530	1.9815

#1	.00568	.09664	.00095	.02389	.00473	.00227	.00343	.02950
#2	.00605	.09766	.00100	.02407	.00486	.00174	.00299	.03017
#3	.00585	.09694	.00092	.02449	.00474	.00184	.00324	.03069

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	.01451	.00138	.02980	.00338	.01074	.11696	-.00022	.00242
Stddev	.00023	.00001	.00104	.00006	.00010	.00176	.00013	.00004
%RSD	1.5579	.99259	3.4958	1.6931	.95068	1.5082	59.779	1.5441

#1	.01476	.00138	.02864	.00345	.01085	.11493	-.00038	.00246
#2	.01433	.00136	.03011	.00334	.01072	.11786	-.00015	.00242
#3	.01444	.00139	.03066	.00335	.01065	.11810	-.00015	.00238

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	.01226	.00224	.01336	.00059	.03050	.09346	1.1213
Stddev	.00047	.00007	.00009	.00006	.00028	.00152	.0080
%RSD	3.8698	3.1767	.71023	10.282	.90918	1.6247	.71283

#1	.01231	.00222	.01326	.00052	.03039	.09234	1.1121
#2	.01177	.00218	.01345	.00064	.03081	.09285	1.1266
#3	.01271	.00232	.01337	.00060	.03029	.09519	1.1253

Sample Name: S1      Acquired: 10/12/2017 11:24:49      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	986.46	1049.5	50541.	11187.	2730.2
Stddev	11.24	7.5	247.	41.	19.7
%RSD	1.1392	.71909	.48800	.36401	.72016
#1	995.48	1056.2	50824.	11233.	2737.6
#2	990.03	1051.1	50420.	11169.	2745.1
#3	973.87	1041.3	50377.	11157.	2707.9

Sample Name: S2      Acquired: 10/12/2017 11:28:59      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05596	.04955	.86095	.11935	.27789	3.1243	9.1336	.18755
Stddev	.00105	.00030	.00412	.00079	.00250	.2542	.7368	.01257
%RSD	1.8794	.60347	.47862	.66324	.89984	8.1364	8.0664	6.7043

#1	.05664	.04977	.86538	.11982	.28052	3.2661	9.5632	.19602
#2	.05475	.04920	.85723	.11844	.27554	3.2760	9.5547	.19352
#3	.05649	.04967	.86024	.11980	.27762	2.8308	8.2829	.17310

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	.76101	1.1871	.32781	.32668	.54442	.54512	.72792	.36693
Stddev	.00246	.0861	.00155	.00025	.04481	.04299	.05453	.02940
%RSD	.32327	7.2557	.47241	.07678	8.2309	7.8869	7.4913	8.0121

#1	.75822	1.2316	.32856	.32689	.57072	.56818	.75770	.38386
#2	.76287	1.2419	.32603	.32675	.56987	.57166	.76107	.38395
#3	.76196	1.0878	.32884	.32640	.49268	.49551	.66498	.33299

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	.25704	.05192	.22787	.03977	.71199	.80238	-.00119	.21570
Stddev	.00028	.00024	.01842	.00318	.00313	.06673	.00007	.01464
%RSD	.10879	.47034	8.0816	8.0032	.43948	8.3163	5.5499	6.7878

#1	.25720	.05198	.23768	.04136	.71154	.83899	-.00123	.22426
#2	.25672	.05165	.23930	.04184	.71531	.84279	-.00121	.22403
#3	.25721	.05213	.20662	.03610	.70910	.72536	-.00111	.19879

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	1.3400	.02643	.17386	.08947	.35484	2.2189	12.292
Stddev	.0099	.00022	.01119	.00016	.02818	.1927	.987
%RSD	.74077	.83101	6.4365	.17599	7.9426	8.6835	8.0278

#1	1.3491	.02637	.18088	.08961	.37103	2.3292	12.852
#2	1.3295	.02625	.17975	.08950	.37120	2.3310	12.871
#3	1.3416	.02668	.16096	.08930	.32230	1.9964	11.153

Sample Name: S2      Acquired: 10/12/2017 11:28:59      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.57	973.71	46142.	11259.	2304.1
Stddev	9.10	10.50	89.	791.	12.2
%RSD	.99401	1.0778	.19326	7.0274	.52890
#1	917.44	964.26	46120.	10811.	2291.5
#2	905.68	985.00	46066.	10793.	2315.8
#3	923.59	971.85	46240.	12172.	2305.0



Sample Name: S3      Acquired: 10/12/2017 11:32:53      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.11364	.09524	1.6841	.23651	.56274	6.7749	19.546	.39225
Stddev	.00045	.00020	.0027	.00081	.00132	.0146	.059	.00150
%RSD	.39913	.21342	.16325	.34289	.23386	.21598	.30324	.38164

#1	.11347	.09531	1.6811	.23670	.56187	6.7742	19.576	.39275
#2	.11330	.09501	1.6865	.23561	.56210	6.7606	19.478	.39056
#3	.11416	.09540	1.6846	.23720	.56425	6.7899	19.585	.39343

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	1.5208	2.5050	.62720	.65500	1.1690	1.1387	1.5086	.77778
Stddev	.0051	.0056	.00156	.00104	.0057	.0055	.0032	.00133
%RSD	.33372	.22374	.24898	.15940	.48716	.48659	.21066	.17156

#1	1.5150	2.5106	.62680	.65380	1.1676	1.1389	1.5109	.77912
#2	1.5244	2.4994	.62587	.65553	1.1642	1.1442	1.5099	.77779
#3	1.5230	2.5051	.62892	.65567	1.1753	1.1331	1.5050	.77645

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	.51457	.10632	.48882	.08404	1.4477	1.7117	-.00193	.44029
Stddev	.00225	.00040	.00296	.00041	.0181	.0036	.00011	.00194
%RSD	.43812	.37888	.60565	.48540	1.2529	.21166	5.7772	.44121

#1	.51208	.10677	.48701	.08361	1.4596	1.7112	-.00206	.44213
#2	.51518	.10619	.48722	.08409	1.4566	1.7084	-.00189	.44048
#3	.51646	.10599	.49224	.08442	1.4268	1.7156	-.00185	.43826

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	2.6450	.05334	.35508	.18087	.74522	4.7841	25.944
Stddev	.0060	.00032	.00133	.00057	.00256	.0317	.031
%RSD	.22753	.60212	.37562	.31655	.34409	.66332	.12044

#1	2.6446	.05317	.35655	.18041	.74751	4.7911	25.978
#2	2.6392	.05313	.35395	.18151	.74245	4.7494	25.939
#3	2.6513	.05371	.35475	.18068	.74570	4.8117	25.916

Sample Name: S3      Acquired: 10/12/2017 11:32:53      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	884.46	931.16	45137.	10497.	2130.9
Stddev	8.10	2.50	160.	25.	2.0
%RSD	.91574	.26823	.35354	.23885	.09268
#1	879.24	929.20	44979.	10471.	2129.9
#2	880.36	933.97	45134.	10499.	2133.2
#3	893.79	930.32	45298.	10521.	2129.7

Sample Name: S4      Acquired: 10/12/2017 11:36:47      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.23593	.18492	3.3231	.48568	1.1641	14.190	38.761	.81004
Stddev	.00058	.00084	.0064	.00136	.0036	.046	.249	.00308
%RSD	.24399	.45247	.19169	.28038	.31002	.32264	.64234	.38046

#1	.23658	.18588	3.3255	.48623	1.1634	14.223	38.475	.81297
#2	.23574	.18443	3.3159	.48412	1.1680	14.210	38.930	.81032
#3	.23548	.18444	3.3280	.48667	1.1609	14.138	38.877	.80683

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	3.0501	5.1097	1.2094	1.3210	2.4136	2.2519	2.9801	1.5619
Stddev	.0061	.0115	.0041	.0018	.0122	.0057	.0121	.0067
%RSD	.20070	.22536	.34235	.13790	.50491	.25336	.40443	.42785

#1	3.0562	5.1071	1.2127	1.3223	2.4227	2.2525	2.9746	1.5643
#2	3.0440	5.1223	1.2047	1.3189	2.4183	2.2573	2.9940	1.5671
#3	3.0503	5.0997	1.2107	1.3216	2.3997	2.2460	2.9719	1.5544

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	1.0323	.22489	1.0015	.16765	2.9776	3.5071	-.00406	.87898
Stddev	.0027	.00056	.0041	.00083	.0269	.0071	.00013	.00218
%RSD	.25953	.25065	.40873	.49598	.90237	.20274	3.1954	.24766

#1	1.0347	.22427	1.0049	.16780	2.9514	3.5113	-.00414	.88141
#2	1.0328	.22505	1.0027	.16840	3.0051	3.5110	-.00391	.87834
#3	1.0294	.22536	.99696	.16676	2.9763	3.4989	-.00414	.87720

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	5.2272	.11315	.71405	.36939	1.4861	9.8439	50.980
Stddev	.0105	.00083	.00114	.00112	.0049	.0368	.107
%RSD	.20151	.73085	.16024	.30350	.33228	.37417	.21080

#1	5.2283	.11408	.71506	.37058	1.4900	9.8751	51.004
#2	5.2371	.11286	.71427	.36923	1.4878	9.8533	51.074
#3	5.2161	.11250	.71281	.36836	1.4805	9.8033	50.863

Sample Name: S4      Acquired: 10/12/2017 11:36:47      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	843.55	867.65	43265.	10188.	1916.0
Stddev	4.91	3.00	105.	44.	5.8
%RSD	.58202	.34626	.24163	.43410	.30298
#1	845.60	867.92	43386.	10160.	1912.1
#2	837.95	864.52	43205.	10164.	1913.2
#3	847.11	870.51	43204.	10239.	1922.7

Sample Name: S5      Acquired: 10/12/2017 11:40:56      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.48138	.34354	6.4058	.96267	2.3959	29.328	76.075	1.6767
Stddev	.00098	.00100	.0127	.00132	.0061	.242	.372	.0142
%RSD	.20447	.29237	.19790	.13684	.25501	.82476	.48886	.84688

#1	.48247	.34239	6.3912	.96400	2.4016	29.096	76.087	1.6685
#2	.48109	.34397	6.4117	.96137	2.3894	29.310	75.697	1.6684
#3	.48057	.34426	6.4144	.96264	2.3967	29.579	76.440	1.6931

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9697	10.560	2.2983	2.6050	4.9437	4.3852	5.9097	3.0106
Stddev	.0104	.028	.0184	.0021	.0420	.0183	.0244	.0174
%RSD	.17447	.26243	.80061	.07990	.84852	.41743	.41319	.57645

#1	5.9595	10.547	2.2771	2.6035	4.9053	4.3670	5.8842	2.9945
#2	5.9803	10.592	2.3078	2.6041	4.9373	4.3849	5.9121	3.0085
#3	5.9693	10.542	2.3101	2.6074	4.9885	4.4036	5.9328	3.0290

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	1.9885	.50652	2.0144	.33193	6.3970	7.0341	-.00759	1.6964
Stddev	.0048	.00475	.0154	.00243	.0833	.0607	.00037	.0079
%RSD	.24021	.93855	.76366	.73230	1.3027	.86365	4.9260	.46679

#1	1.9919	.50193	2.0002	.32928	6.3373	6.9799	-.00801	1.6931
#2	1.9830	.51143	2.0121	.33247	6.4922	7.0225	-.00744	1.6907
#3	1.9904	.50621	2.0307	.33405	6.3614	7.0998	-.00731	1.7054

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	10.135	.23050	1.4139	.71584	2.9497	19.638	98.170
Stddev	.004	.00007	.0072	.00014	.0147	.191	.290
%RSD	.03504	.02894	.50860	.01989	.49906	.97169	.29551

#1	10.135	.23044	1.4104	.71591	2.9335	19.458	97.853
#2	10.131	.23057	1.4092	.71568	2.9536	19.617	98.233
#3	10.138	.23049	1.4222	.71594	2.9622	19.838	98.423

Sample Name: S5      Acquired: 10/12/2017 11:40:56      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	779.52	809.11	40888.	9926.0	1720.4
Stddev	9.84	2.04	296.	24.2	4.1
%RSD	1.2623	.25166	.72328	.24370	.23764
#1	786.53	807.26	40983.	9943.9	1717.4
#2	768.27	811.29	40557.	9935.7	1725.1
#3	783.77	808.80	41125.	9898.5	1718.8

Sample Name: S6      Acquired: 10/12/2017 11:45:03      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	76.011	17.083	11.214	4.5483	5.4182
Stddev	.687	.030	.052	.0213	.0052
%RSD	.90335	.17294	.46243	.46748	.09561

#1	75.822	17.112	11.258	4.5592	5.4123
#2	75.439	17.053	11.157	4.5238	5.4209
#3	76.773	17.083	11.228	4.5619	5.4215

Int. Std.	Y_3710
Units	Cts/S
Avg	9571.3
Stddev	22.2
%RSD	.23212

#1	9558.1
#2	9597.0
#3	9558.8

Sample Name: ICV      Acquired: 10/12/2017 11:50:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	1.020948	1.120333	1.097917	1.054669	.9970503	2.451794
Stddev	.012125	.007522	.001783	.005012	.0072285	.023830
%RSD	1.187594	.6714055	.1624298	.4751762	.7249859	.9719225

#1	1.025683	1.125226	1.096103	1.058431	.9963905	2.475147
#2	1.007171	1.124100	1.099668	1.048980	.9901743	2.452719
#3	1.029991	1.111671	1.097982	1.056596	1.004586	2.427515

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5395716	.4817282	.5059223	9.737988	.5181023	.5167573
Stddev	.0046938	.0030141	.0019717	.084372	.0065647	.0006398
%RSD	.8699199	.6256809	.3897238	.8664242	1.267066	.1238090

#1	.5440106	.4824203	.5043522	9.772456	.5109703	.5171410
#2	.5400455	.4843360	.5081352	9.799669	.5194444	.5160188
#3	.5346589	.4784282	.5052793	9.641838	.5238923	.5171122

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5045501	5.406701	.5435482	6.355875	.5307451	.4734983
Stddev	.0052865	.069121	.0071918	.086078	.0005659	.0071323
%RSD	1.047760	1.278429	1.323116	1.354299	.1066246	1.506308

#1	.5076840	5.434209	.5464375	6.411714	.5300976	.4664674
#2	.5075197	5.457833	.5488461	6.399165	.5309931	.4732998
#3	.4984465	5.328061	.5353611	6.256746	.5311448	.4807279

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11122	.5134084	.9488461	10.32758	F -.012338	F 2.343233
Stddev	.17778	.0046701	.0126049	.11304	.026358	.008714
%RSD	1.758256	.9096319	1.328443	1.094511	213.6381	.3718993

#1	10.29695	.5188010	.9352066	10.38440	.011166	2.340545
#2	10.09406	.5107104	.9512665	10.40093	-.007344	2.352975
#3	9.94264	.5107138	.9600653	10.19741	-.040836	2.336180



Sample Name: ICV      Acquired: 10/12/2017 11:50:36      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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 2.328383	-.012013	2.113556	F 2.034029	2.206543	.0014384
Stddev	.012338	.006240	.006044	.006187	.024910	.0003308
%RSD	.5298917	51.93939	.2859484	.3041696	1.128908	22.99670
#1	2.323104	-.004845	2.118014	2.027676	2.221018	.0011577
#2	2.319564	-.014969	2.115978	2.040035	2.220831	.0018031
#3	2.342482	-.016226	2.106677	2.034377	2.177780	.0013543

Elem	Sr4077
Units	ppm
Avg	.0131285
Stddev	.0001310
%RSD	.9980919
#1	.0131772
#2	.0132283
#3	.0129801

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	940.5456	985.3488	48162.30	10891.54	2537.908
Stddev	14.3442	6.3230	532.02	99.68	6.282
%RSD	1.525092	.6416975	1.104648	.9151754	.2475216
#1	948.4559	984.6663	48630.95	10818.99	2534.891
#2	949.1931	991.9853	48271.97	10850.43	2545.129
#3	923.9878	979.3947	47583.99	11005.20	2533.704

Sample Name: ICB      Acquired: 10/12/2017 12:00:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002452	.0011484	-.000920	.0011560	-.000258	.0001497
Stddev	.003871	.0019296	.000951	.0006379	.000899	.0013616
%RSD	157.8530	168.0273	103.3290	55.17863	348.9321	909.3147

#1	-.006596	-.000284	-.000526	.0004432	.000006	-.000337
#2	.001070	.000386	-.000230	.0013517	.000480	.001688
#3	-.001831	.003343	-.002005	.0016731	-.001259	-.000901

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001383	-.000062	.0000346	.0006944	.0004977	.0000087
Stddev	.000236	.000089	.0000823	.0097385	.0005142	.0002292
%RSD	17.05107	143.3787	238.0647	1402.326	103.3096	2617.880

#1	-.001578	-.000073	-.000053	-.009204	.0010777	-.000186
#2	-.001121	.000032	.000047	.001022	.0000977	-.000049
#3	-.001450	-.000146	.000110	.010265	.0003178	.000261

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007465	-.010458	-.000490	.0122577	.0004267	.0002190
Stddev	.0003941	.001920	.000548	.0040977	.0002965	.0000703
%RSD	52.79478	18.35889	111.8939	33.42993	69.49011	32.10667

#1	.0003777	-.008352	-.000437	.0082155	.0000912	.0002830
#2	.0007000	-.012112	.000030	.0121488	.0006537	.0001438
#3	.0011619	-.010909	-.001063	.0164087	.0005352	.0002301

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023204	-.000702	.0039788	.0006880	F -.032460	.0035839
Stddev	.055030	.001003	.0014623	.0077581	.079777	.0005464
%RSD	237.1583	142.8412	36.75359	1127.588	245.7717	15.24745

#1	-.086179	-.001399	.0025532	.0020345	-.116974	.0042100
#2	.015626	-.001155	.0054753	.0076848	.041535	.0033383
#3	.000941	.000447	.0039077	-.007655	-.021940	.0032034

Sample Name: ICB      Acquired: 10/12/2017 12:00:48      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000564	-.017786	.0006575	-.000072	-.000270	.0005207
Stddev	.0002212	.000820	.0015256	.000945	.000335	.0002422
%RSD	392.4123	4.611912	232.0280	1311.750	123.9526	46.52113
#1	.0002253	-.017490	-.001038	.000892	-.000411	.0002841
#2	.0001378	-.018714	.001090	-.000997	.000112	.0005096
#3	-.000194	-.017155	.001920	-.000111	-.000513	.0007682

Elem	Sr4077
Units	ppm
Avg	-.000048
Stddev	.000033
%RSD	68.76106
#1	-.000086
#2	-.000031
#3	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.2720	1041.309	51689.91	11067.06	2793.507
Stddev	12.9342	8.582	344.24	17.48	8.021
%RSD	1.295654	.8241430	.6659750	.1579303	.2871153
#1	999.4250	1034.041	51421.42	11053.30	2791.563
#2	984.8000	1050.776	51570.30	11086.73	2802.322
#3	1010.591	1039.110	52078.00	11061.15	2786.638

Sample Name: ICSA      Acquired: 10/12/2017 12:04:58      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.0084758	-.002107	-.001061	-.011681	.0039552	238.4192
Stddev	.0054652	.005730	.000265	.001746	.0032461	.8617
%RSD	64.48030	272.0242	25.01098	14.95057	82.07101	.3614301

#1	.0147474	.000721	-.001363	-.013582	.0069451	239.1286
#2	.0059481	-.008701	-.000863	-.011311	.0005026	238.6688
#3	.0047320	.001660	-.000958	-.010149	.0044180	237.4603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038728	.0011988	.0028861	241.6804	.0495267	.0007708
Stddev	.0002021	.0002213	.0001202	.8825	.0005101	.0004645
%RSD	5.218066	18.45790	4.163419	.3651345	1.029912	60.25508

#1	.0040407	.0009912	.0029872	240.7291	.0492545	.0003341
#2	.0039292	.0014316	.0027533	241.8399	.0501151	.0007196
#3	.0036485	.0011736	.0029179	242.4723	.0492105	.0012587

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224739	101.5820	.0116249	267.9660	.0024571	-.005269
Stddev	.0002198	.1504	.0005250	.6658	.0008947	.000302
%RSD	.9777842	.1480200	4.516398	.2484470	36.41518	5.737595

#1	.0227135	101.4391	.0118912	268.6557	.0032861	-.004961
#2	.0224265	101.7388	.0110201	267.9151	.0015086	-.005281
#3	.0222817	101.5680	.0119635	267.3272	.0025765	-.005565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3453149	.0006790	.0101480	.4494096	-.139314	F -.158945
Stddev	.0229262	.0020492	.0012690	.0079106	.059695	.002464
%RSD	6.639213	301.8092	12.50505	1.760214	42.84951	1.550106

#1	.3585343	-.001684	.0111819	.4581708	-.207980	-.157372
#2	.3188420	.001759	.0087318	.4472666	-.110205	-.161784
#3	.3585684	.001962	.0105304	.4427912	-.099757	-.157679

Sample Name: ICSA      Acquired: 10/12/2017 12:04:58      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	-.000605	.0039285	.0010215	-.001118	.0015319	.0061692
Stddev	.000801	.0096495	.0001308	.002619	.0004831	.0002291
%RSD	132.4086	245.6286	12.80415	234.1474	31.53552	3.714010
#1	-.001004	.0119905	.0010482	.001657	.0011808	.0064072
#2	-.001128	-.006763	.0011369	-.003546	.0013320	.0061502
#3	.000317	.006558	.0008795	-.001466	.0020828	.0059501

Elem	Sr4077
Units	ppm
Avg	.1058425
Stddev	.0002556
%RSD	.2414516
#1	.1060722
#2	.1058881
#3	.1055673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	888.4983	920.8994	44767.46	10123.12	2061.705
Stddev	8.9443	3.1111	116.15	48.30	6.218
%RSD	1.006676	.3378307	.2594541	.4771273	.3015838
#1	885.8750	924.4364	44681.32	10078.13	2065.805
#2	881.1590	918.5870	44721.50	10117.07	2054.551
#3	898.4609	919.6747	44899.56	10174.16	2064.760

Sample Name: ICSAB      Acquired: 10/12/2017 12:09:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.1035349	.1014770	.0500936	.0442749	.5979486	241.8986
Stddev	.0018076	.0039471	.0001265	.0051519	.0055044	.6383
%RSD	1.745916	3.889645	.2525328	11.63606	.9205506	.2638610

#1	.1048870	.1016588	.0501252	.0462506	.5918593	242.6245
#2	.1042359	.0974421	.0502013	.0481465	.5994155	241.4253
#3	.1014818	.1053300	.0499542	.0384276	.6025710	241.6460

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5397757	.5041962	1.028278	244.1532	.5273873	.5125202
Stddev	.0012819	.0008222	.004634	.2168	.0011967	.0019688
%RSD	.2374955	.1630816	.4506642	.0887948	.2269066	.3841378

#1	.5410372	.5050789	1.033316	243.9033	.5270979	.5125694
#2	.5398157	.5040576	1.024198	244.2908	.5263619	.5105272
#3	.5384742	.5034520	1.027319	244.2656	.5287021	.5144638

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5392442	102.5679	.5476581	270.9971	1.046032	.1848326
Stddev	.0026509	.0711	.0024312	.6454	.002159	.0001804
%RSD	.4915916	.0693109	.4439356	.2381618	.2064181	.0976138

#1	.5415331	102.5532	.5472169	271.7093	1.045442	.1849811
#2	.5398598	102.5052	.5454777	270.4509	1.044230	.1846318
#3	.5363397	102.6451	.5502798	270.8312	1.048426	.1848849

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3156769	.5279017	.9799737	.2445989	-.197034	F .5445289
Stddev	.0788250	.0030882	.0167310	.0029597	.180511	.0029205
%RSD	24.97014	.5850007	1.707295	1.210039	91.61382	.5363299

#1	.4017306	.5291155	.9624452	.2455698	-.081262	.5478998
#2	.2983296	.5301987	.9817028	.2469513	-.405026	.5427595
#3	.2469705	.5243910	.9957730	.2412757	-.104815	.5429275

Sample Name: ICSAB      Acquired: 10/12/2017 12:09:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6619169	.0106826	.6328609	F .6663350	.6686906	.0058449
Stddev	.0049991	.0106800	.0018771	.0047450	.0018761	.0001949
%RSD	.7552475	99.97516	.2966076	.7121099	.2805662	3.333839
#1	.6579386	.0095069	.6347592	.6661081	.6666852	.0056258
#2	.6602837	.0219018	.6328179	.6617076	.6704030	.0059098
#3	.6675283	.0006392	.6310057	.6711895	.6689836	.0059990

Elem	Sr4077
Units	ppm
Avg	.1071749
Stddev	.0001751
%RSD	.1633851
#1	.1073768
#2	.1070641
#3	.1070839

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	874.4339	912.4536	44465.55	10165.14	2049.370
Stddev	.5959	7.3767	111.01	47.89	6.592
%RSD	.0681517	.8084465	.2496602	.4710947	.3216608
#1	874.8504	920.2290	44338.44	10111.44	2054.130
#2	873.7513	911.5781	44514.74	10180.53	2052.134
#3	874.7001	905.5537	44543.47	10203.43	2041.846

Sample Name: CCV049      Acquired: 10/12/2017 12:13:04      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV049      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.167166	5.064790	24.11368	5.056007	5.179955	395.6928	10.29076
Stddev	.006826	.028876	.11420	.009536	.010857	1.0836	.10743
%RSD	.1320972	.5701253	.4736010	.1886125	.2095964	.2738508	1.043898

#1	5.174949	5.094939	24.13453	5.053955	5.168664	396.7837	10.17790
#2	5.162200	5.037383	23.99048	5.066402	5.190319	394.6166	10.39177
#3	5.164348	5.062048	24.21601	5.047664	5.180882	395.6780	10.30261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5219232	2.508074	390.0762	14.97702	2.492138	15.95745	393.3024
Stddev	.0031953	.012962	2.2046	.05107	.013040	.14825	3.4778
%RSD	.6122102	.5168253	.5651741	.3410155	.5232395	.9290035	.8842482

#1	.5183337	2.510856	387.6462	14.92469	2.492515	16.08978	389.8708
#2	.5229786	2.493946	391.9482	14.97962	2.478913	15.79725	396.8246
#3	.5244572	2.519419	390.6342	15.02674	2.504985	15.98534	393.2119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16097	400.6151	2.500550	1.293102	391.6434	2.560366	15.51870
Stddev	.12279	2.4745	.012262	.001662	1.2406	.019390	.11403
%RSD	.8099219	.6176872	.4903682	.1285421	.3167761	.7572998	.7347989

#1	15.03394	398.3916	2.498069	1.293270	392.4459	2.543732	15.51867
#2	15.27903	403.2810	2.489718	1.294674	390.2145	2.581662	15.63275
#3	15.16995	400.1726	2.513862	1.291362	392.2699	2.555705	15.40469

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.1088	5.177471	4.626549	5.015218	5.086770	5.131515	5.026028
Stddev	1.3455	.178028	.029639	.011476	.034500	.028671	.025754
%RSD	.8509833	3.438521	.6406205	.2288255	.6782220	.5587324	.5124134

#1	159.0279	5.184001	4.592429	5.002645	5.126301	5.099189	5.011125
#2	156.5645	5.352144	4.645912	5.025130	5.062736	5.153869	5.011193
#3	158.7341	4.996267	4.641306	5.017878	5.071274	5.141487	5.055766



Sample Name: CCV049      Acquired: 10/12/2017 12:13:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV049      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.062626	5.207115	5.153095
Stddev	.016219	.060508	.024422
%RSD	.3203636	1.162024	.4739356

#1	5.070559	5.257058	5.125690
#2	5.043967	5.139830	5.161040
#3	5.073351	5.224458	5.172556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	790.9322	806.5778	41067.77	9857.927	1711.527
Stddev	4.4865	2.4653	177.95	32.248	8.290
%RSD	.5672402	.3056520	.4333179	.3271310	.4843914

#1	792.1828	809.3675	41006.59	9894.755	1712.946
#2	785.9531	804.6920	40928.47	9834.746	1719.016
#3	794.6607	805.6739	41268.24	9844.281	1702.618

Sample Name: CCB049      Acquired: 10/12/2017 12:20:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB049      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000655	.0012753	-.001210	.0014602	.0010803	.0032586
Stddev	.006637	.0023020	.000965	.0006594	.0013050	.0007725
%RSD	1012.649	180.5125	79.79801	45.15656	120.7974	23.70508

#1	-.008314	.0030367	-.002070	.0018932	.0014889	.0040909
#2	.002941	-.001329	-.001394	.0007013	-.000380	.0031200
#3	.003407	.002119	-.000166	.0017860	.002132	.0025648

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002241	-.000049	.0000172	-.001090	.0006001	.0000271
Stddev	.001631	.000111	.0000646	.006777	.0004525	.0001171
%RSD	72.78571	227.8539	375.8997	621.5282	75.40033	431.6795

#1	-.004105	-.000172	-.000042	.005537	.0009679	-.000020
#2	-.001543	.000043	.000007	-.000801	.0000949	-.000059
#3	-.001075	-.000017	.000086	-.008007	.0007374	.000160

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007709	-.005206	-.000281	.0021367	-.000181	.0002222
Stddev	.0010683	.004167	.000445	.0166558	.000372	.0002457
%RSD	138.5911	80.03754	158.1429	779.4972	205.7058	110.6008

#1	.0020030	-.000801	.000127	.0211614	.000212	.0004953
#2	.0001034	-.009085	-.000215	-.009817	-.000226	.0000191
#3	.0002061	-.005734	-.000755	-.004934	-.000528	.0001521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015363	-.000027	.0013168	.0237285	F .0323703	.0048989
Stddev	.0254568	.002301	.0049645	.0382853	.1783000	.0017783
%RSD	1657.027	8582.516	377.0039	161.3471	550.8135	36.29988

#1	-.006362	.000991	.0047461	.0659969	-.132022	.0068089
#2	-.019035	-.002661	.0035805	-.008622	.007225	.0032910
#3	.030006	.001589	-.004376	.013810	.221908	.0045967

Sample Name: CCB049      Acquired: 10/12/2017 12:20:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB049      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003573	-.019030	-.001025	-.001417	.0002842	.0000718
Stddev	.0002380	.004103	.001742	.000333	.0003783	.0001515
%RSD	66.59889	21.56282	170.0029	23.45965	133.0965	210.9197

#1	.0001834	-.017407	.000822	-.001758	-.000051	-.000022
#2	.0002600	-.023696	-.001257	-.001400	.000694	.000247
#3	.0006285	-.015986	-.002639	-.001094	.000210	-.000009

Elem	Sr4077
Units	ppm
Avg	-.000020
Stddev	.000036
%RSD	175.2471

#1	.000010
#2	-.000011
#3	-.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.8888	1042.312	51628.97	10650.98	2785.098
Stddev	12.2506	6.957	410.34	798.32	15.543
%RSD	1.231354	.6675064	.7947787	7.495297	.5580917

#1	1002.345	1036.683	51892.54	9743.92	2768.607
#2	1001.571	1040.162	51838.17	10962.15	2787.208
#3	980.750	1050.090	51156.19	11246.85	2799.478

Sample Name: PB103121BL      Acquired: 10/12/2017 12:24:41      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBW001      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001173	-.000138	.0001770	.0018151	-.000177	.0055544
Stddev	.001432	.001102	.0005573	.0017925	.001517	.0016728
%RSD	122.1432	799.2155	314.8303	98.75120	859.2384	30.11637

#1	-.002611	-.001234	.0002957	-.000064	.000849	.0049786
#2	.000254	-.000150	.0006655	.003506	-.001919	.0042455
#3	-.001162	.000970	-.000430	.002004	.000540	.0074390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000687	-.000003	.0001369	.0000999	.0006695	-.000104
Stddev	.0004885	.000046	.0000174	.0073888	.0002444	.000246
%RSD	711.1858	1654.439	12.71644	7395.400	36.51130	235.9937

#1	-.000460	.000029	.0001423	-.008030	.0009405	.000097
#2	.000162	.000018	.0001174	.001925	.0006021	-.000031
#3	.000504	-.000056	.0001510	.006405	.0004658	-.000378

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008174	.0024863	.0002603	-.004386	.0005529	.0002975
Stddev	.0003289	.0112231	.0002547	.014433	.0005125	.0000853
%RSD	40.22985	451.4040	97.83455	329.0423	92.70021	28.65984

#1	.0011970	.0011392	.0005467	-.012515	-.000039	.0002355
#2	.0006182	-.008002	.0000593	-.012923	.000849	.0002623
#3	.0006371	.014322	.0001749	.012278	.000848	.0003948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020389	-.000560	-.001909	.0178890	F .0858393	.0029015
Stddev	.126110	.001026	.001928	.0287276	.2179919	.0001733
%RSD	618.5069	182.9839	101.0043	160.5880	253.9534	5.971594

#1	-.014644	-.000613	.000052	.0340509	.3354955	.0027732
#2	-.149274	-.001559	-.001975	.0348954	-.011162	.0030986
#3	.102749	.000490	-.003802	-.015279	-.066815	.0028328

Sample Name: PB103121BL      Acquired: 10/12/2017 12:24:41      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBW001      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002946	-.019862	.0002783	.0000112	-.000055	.0004990
Stddev	.0000825	.006604	.0002905	.0017193	.000456	.0001857
%RSD	28.00706	33.24994	104.4067	15379.83	833.3379	37.22344

#1	.0002201	-.012289	.0001459	-.001063	.000181	.0005238
#2	.0002805	-.024423	.0006114	.001994	-.000581	.0003021
#3	.0003833	-.022873	.0000775	-.000898	.000235	.0006711

Elem	Sr4077
Units	ppm
Avg	.0000249
Stddev	.0000824
%RSD	331.7120

#1	-.000052
#2	.000014
#3	.000112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1038.670	1086.972	52960.40	11358.99	2881.134
Stddev	10.461	2.322	240.77	58.12	4.009
%RSD	1.007162	.2136001	.4546197	.5116280	.1391606

#1	1050.424	1089.169	53221.56	11292.80	2885.062
#2	1035.204	1087.206	52912.40	11401.65	2881.291
#3	1030.382	1084.543	52747.25	11382.53	2877.048

Sample Name: I5512-13      Acquired: 10/12/2017 12:32:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: METNA6      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020447	.0007780	.0020617	-.001156	-.001540	.0130736	.1557446
Stddev	.0086331	.0041724	.0008612	.006575	.000963	.0074805	.0008454
%RSD	422.2137	536.3180	41.77083	568.9473	62.54973	57.21843	.5428149

#1	.0118969	.0034273	.0011520	.005835	-.001249	.0068633	.1558863
#2	-.001565	.0029383	.0028644	-.007218	-.002616	.0213780	.1548373
#3	-.004198	-.004032	.0021688	-.002084	-.000756	.0109796	.1565101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001950	.0002490	105.8699	.0039372	-.000652	.0018763	1.705425
Stddev	.0000917	.0001713	.2915	.0006277	.000722	.0013622	.016963
%RSD	46.99564	68.79210	.2753845	15.94188	110.8017	72.60096	.9946256

#1	.0001443	.0004049	105.9597	.0036072	-.000435	.0005050	1.719637
#2	.0001400	.0002765	106.1059	.0035433	-.001457	.0018947	1.709991
#3	.0003008	.0000656	105.5440	.0046610	-.000063	.0032293	1.686647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1607117	44.30452	.0022778	.0004120	31.30575	.0000016	.0028101
Stddev	.0009220	.11541	.0003795	.0001482	.12196	.0002429	.0017120
%RSD	.5737218	.2605009	16.66326	35.98179	.3895734	15590.29	60.92581

#1	.1617707	44.26513	.0021915	.0002523	31.40588	-.000185	.0046306
#2	.1600871	44.21397	.0026930	.0004383	31.16993	-.000087	.0012325
#3	.1602774	44.43448	.0019488	.0005452	31.34144	.000276	.0025670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.463089	-50.0336	.1744362	.0108692	16.19191	6.105992	-.005744
Stddev	.038972	.3725	.0019183	.0003726	.06875	.046695	.000631
%RSD	.8732144	.7445044	1.099716	3.427658	.4246066	.7647448	10.99285

#1	4.464439	-49.6037	.1764833	.0108953	16.11458	6.127793	-.006031
#2	4.423459	-50.2591	.1741453	.0112280	16.21501	6.137800	-.006182
#3	4.501369	-50.2381	.1726799	.0104843	16.24613	6.052384	-.005020

Sample Name: I5512-13      Acquired: 10/12/2017 12:32:53      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METNA6      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000259	.0174751	.9175775
Stddev	.000388	.0004830	.0025721
%RSD	149.9449	2.764139	.2803138

#1	-.000145	.0170298	.9178500
#2	.000059	.0174069	.9148801
#3	-.000691	.0179886	.9200026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	882.5764	911.9159	45265.90	10623.12	2298.154
Stddev	12.7101	6.6255	301.12	24.32	13.538
%RSD	1.440118	.7265455	.6652225	.2289672	.5890888

#1	896.1826	919.5663	45551.77	10646.64	2313.587
#2	880.5378	908.1175	45294.38	10624.65	2292.594
#3	871.0088	908.0639	44951.56	10598.07	2288.281

Sample Name: I5512-14      Acquired: 10/12/2017 12:37:01      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METNA6D      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092657	.0030907	.0019085	-.001076	-.000425	.0128555	.1540517
Stddev	.0013193	.0038669	.0011114	.000984	.001119	.0042547	.0004606
%RSD	14.23873	125.1153	58.23584	91.42057	263.5270	33.09661	.2990014

#1	.0081534	.0067157	.0029568	-.000564	-.001638	.0102784	.1544554
#2	.0107233	-.000980	.0020256	-.002211	-.000203	.0177664	.1535500
#3	.0089202	.003536	.0007432	-.000454	.000567	.0105217	.1541498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001370	.0001736	104.8766	.0036403	-.001036	.0025082	1.721846
Stddev	.0000316	.0000428	.0973	.0010666	.000376	.0003768	.017666
%RSD	23.04403	24.64354	.0927318	29.29846	36.30125	15.02341	1.026017

#1	.0001719	.0002091	104.8165	.0030041	-.001210	.0027584	1.705391
#2	.0001284	.0001857	104.8245	.0030451	-.001295	.0020748	1.719632
#3	.0001106	.0001261	104.9888	.0048716	-.000605	.0026914	1.740515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1610307	44.73570	.0022904	.0002582	31.45308	-.000565	.0029117
Stddev	.0003063	.14628	.0001101	.0001144	.12839	.000982	.0033371
%RSD	.1902460	.3269864	4.804711	44.31662	.4081837	173.7660	114.6092

#1	.1613689	44.63103	.0022638	.0003714	31.40304	-.000424	.0063619
#2	.1609512	44.67321	.0024113	.0001426	31.35726	-.001610	-.000299
#3	.1607719	44.90284	.0021961	.0002606	31.59896	.000338	.002673

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.460232	-49.1729	.1745196	.0108103	16.10720	6.133064	-.003732
Stddev	.019271	.1233	.0005335	.0003528	.10129	.030214	.001100
%RSD	.4320694	.2507180	.3056733	3.263186	.6288437	.4926366	29.46896

#1	4.477340	-49.0616	.1739790	.0108119	16.06316	6.163515	-.004674
#2	4.439355	-49.1517	.1745341	.0111623	16.03540	6.103093	-.003998
#3	4.464002	-49.3055	.1750456	.0104568	16.22306	6.132584	-.002523



Sample Name: I5512-14      Acquired: 10/12/2017 12:37:01      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METNA6D      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002147	.0179007	.9129803
Stddev	.0003073	.0000213	.0010245
%RSD	143.1404	.1189440	.1122177

#1	.0001698	.0179038	.9132180
#2	-.000068	.0178780	.9118578
#3	.000542	.0179202	.9138650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	877.2772	921.1950	45117.29	10454.64	2313.627
Stddev	6.2969	.9096	175.32	12.90	3.323
%RSD	.7177761	.0987383	.3885907	.1234214	.1436378

#1	873.6056	920.9240	45040.09	10461.92	2315.992
#2	884.5481	920.4517	45317.96	10462.27	2315.061
#3	873.6779	922.2093	44993.81	10439.75	2309.827

Sample Name: I5512-15      Acquired: 10/12/2017 12:41:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METNA6S      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531320	.0739720	.0275089	.0094418	.1099679	2.029125	2.471741
Stddev	.0033842	.0043317	.0015475	.0024083	.0018492	.007862	.006152
%RSD	6.369366	5.855930	5.625404	25.50635	1.681584	.3874784	.2488900

#1	.0541144	.0765332	.0266525	.0085897	.1119103	2.028990	2.465783
#2	.0493653	.0689706	.0265789	.0121603	.1097647	2.021331	2.471370
#3	.0559162	.0764122	.0292952	.0075754	.1082286	2.037054	2.478070

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550809	.0534031	104.5677	.2209666	.5430584	.2697432	2.891469
Stddev	.0005469	.0003134	.2827	.0010392	.0019059	.0016576	.003504
%RSD	.9928960	.5868871	.2703957	.4702774	.3509635	.6145044	.1211982

#1	.0556973	.0531235	104.7558	.2208508	.5408629	.2683528	2.894694
#2	.0548918	.0537419	104.2425	.2199902	.5442883	.2692992	2.887740
#3	.0546537	.0533439	104.7047	.2220588	.5440241	.2715776	2.891972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7332662	44.81427	.5753863	.0009836	31.50572	.5925723	.5334599
Stddev	.0017349	.16189	.0013852	.0002774	.09853	.0051386	.0027759
%RSD	.2365983	.3612402	.2407369	28.20574	.3127446	.8671643	.5203520

#1	.7335151	44.87626	.5742213	.0012720	31.56491	.5916823	.5342209
#2	.7314204	44.63055	.5750197	.0009605	31.39197	.5879368	.5303829
#3	.7348633	44.93601	.5769179	.0007185	31.56027	.5980977	.5357759

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.489279	-49.3827	.1715466	.0110213	16.56557	6.148389	-.005724
Stddev	.028522	.4912	.0028696	.0003292	.13921	.029883	.001170
%RSD	.6353271	.9946651	1.672800	2.986812	.8403622	.4860352	20.43818

#1	4.461915	-48.8806	.1747913	.0112810	16.41023	6.177665	-.007013
#2	4.487089	-49.4053	.1705060	.0106511	16.60742	6.149567	-.005431
#3	4.518832	-49.8622	.1693424	.0111318	16.67905	6.117934	-.004729

Sample Name: I5512-15      Acquired: 10/12/2017 12:41:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METNA6S      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000268	.0177655	.9171127
Stddev	.000540	.0005172	.0017895
%RSD	201.3099	2.911350	.1951262

#1	-.000561	.0178172	.9177741
#2	-.000598	.0172243	.9150866
#3	.000355	.0182549	.9184773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.5576	914.7917	45197.10	10399.60	2291.152
Stddev	5.1542	4.6129	68.37	42.60	14.383
%RSD	.5833508	.5042576	.1512638	.4096779	.6277562

#1	880.0050	917.2254	45207.37	10365.27	2299.868
#2	881.1988	917.6782	45124.18	10447.28	2299.037
#3	889.4692	909.4716	45259.75	10386.26	2274.551

Sample Name: I5512-13LX5      Acquired: 10/12/2017 12:45:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: METNA6L      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111531	.0025894	-.001169	.0030978	.0004806	.0097212	.0286793
Stddev	.0042801	.0038943	.002634	.0002871	.0005216	.0032890	.0001484
%RSD	38.37581	150.3943	225.3004	9.269220	108.5205	33.83340	.5175847

#1	.0131591	.0035501	-.000887	.0029617	.0010700	.0075091	.0287025
#2	.0140617	.0059134	-.003932	.0029039	.0002935	.0081537	.0285206
#3	.0062384	-.001695	.001312	.0034276	.0000784	.0135007	.0288147

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001169	.0001610	19.20272	.0012070	-.000506	.0003926	.3161317
Stddev	.0000270	.0001153	.15469	.0003277	.000186	.0006101	.0152488
%RSD	23.04732	71.61837	.8055438	27.15134	36.75335	155.3922	4.823547

#1	.0001091	.0002897	19.16347	.0015765	-.000703	.0003780	.3018288
#2	.0000948	.0000668	19.37324	.0010929	-.000480	-.000210	.3143897
#3	.0001469	.0001267	19.07143	.0009516	-.000334	.001010	.3321767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303923	8.199911	.0009218	.0005242	5.854118	.0000162	.0029103
Stddev	.0010824	.031038	.0001963	.0004078	.136257	.0018005	.0007701
%RSD	3.561445	.3785149	21.29678	77.79135	2.327549	11077.97	26.46256

#1	.0293927	8.234644	.0007786	.0002910	6.011453	.0011898	.0020605
#2	.0315419	8.174892	.0011456	.0002865	5.775017	-.002057	.0031082
#3	.0302423	8.190196	.0008412	.0009950	5.775883	.000916	.0035621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.189042	-8.66509	.0356619	.0016826	2.773993	1.186206	-.002390
Stddev	.012234	.15747	.0002473	.0003785	.015950	.003499	.001026
%RSD	1.028888	1.817279	.6935339	22.49323	.5749907	.2949563	42.93368

#1	1.187299	-8.80354	.0356288	.0019179	2.757431	1.188508	-.002029
#2	1.177772	-8.69793	.0354327	.0012460	2.789252	1.182180	-.003549
#3	1.202053	-8.49378	.0359241	.0018838	2.775294	1.187931	-.001594

Sample Name: I5512-13LX5      Acquired: 10/12/2017 12:45:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METNA6L      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004903	.0037882	.1743255
Stddev	.0002834	.0000048	.0003177
%RSD	57.81141	.1260832	.1822467

#1	.0006950	.0037898	.1743797
#2	.0001668	.0037829	.1739842
#3	.0006089	.0037920	.1746126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	975.6151	1029.248	49814.51	11054.04	2677.287
Stddev	6.8844	11.236	162.02	44.50	18.626
%RSD	.7056421	1.091642	.3252473	.4025520	.6957101

#1	969.7182	1018.389	49627.92	11007.48	2656.964
#2	983.1803	1028.528	49895.99	11096.14	2681.352
#3	973.9469	1040.826	49919.62	11058.51	2693.545

Sample Name: I5524-13      Acquired: 10/12/2017 12:49:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AE2      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396436	-.000069	.3269198	.0012928	.0037343	50.29671	.6361751
Stddev	.0024582	.003852	.0035562	.0059358	.0026460	.12538	.0007505
%RSD	6.200799	5546.236	1.087805	459.1509	70.85707	.2492875	.1179623

#1	.0424820	-.004350	.3277107	-.001304	.0057759	50.17681	.6369785
#2	.0382467	.001025	.3230347	.008084	.0046821	50.42694	.6360545
#3	.0382021	.003117	.3300141	-.002902	.0007449	50.28639	.6354922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047248	.0127778	21.44319	.1820202	.0543890	.2710108	126.7948
Stddev	.0000821	.0003198	.14197	.0009162	.0002719	.0015331	.8272
%RSD	1.736559	2.502479	.6620541	.5033537	.4998918	.5657005	.6523947

#1	.0048032	.0131190	21.41421	.1813478	.0541347	.2699826	125.8444
#2	.0046395	.0127293	21.31795	.1816492	.0543568	.2727729	127.1867
#3	.0047318	.0124850	21.59741	.1830638	.0546756	.2702769	127.3531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.351098	24.17759	.1106972	-.004936	1.498767	.1603845	1.008818
Stddev	.021703	.15040	.0004388	.000089	.030121	.0022159	.011115
%RSD	.6476374	.6220604	.3964029	1.805088	2.009747	1.381637	1.101781

#1	3.328550	24.00460	.1102282	-.004838	1.519138	.1603295	1.008197
#2	3.371843	24.27737	.1110977	-.004958	1.512996	.1581966	.998026
#3	3.352902	24.25080	.1107658	-.005012	1.464167	.1626274	1.020230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.282094	-249.680	-.175011	.0004257	7.725298	15.35936	.0315581
Stddev	.058328	2.026	.001079	.0002804	.070167	.00762	.0020492
%RSD	.7042715	.8114731	.6167542	65.85921	.9082770	.0495894	6.493565

#1	8.284320	-248.824	-.173960	.0001021	7.674835	15.35086	.0326697
#2	8.339277	-248.222	-.176117	.0005798	7.695634	15.36557	.0291933
#3	8.222684	-251.993	-.174956	.0005953	7.805426	15.36164	.0328113

Sample Name: I5524-13      Acquired: 10/12/2017 12:49:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AE2      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.608989	.0821318	.1114809
Stddev	.008804	.0005194	.0001742
%RSD	.3374554	.6324472	.1562816

#1	2.599403	.0821607	.1112898
#2	2.610849	.0826362	.1115220
#3	2.616714	.0815985	.1116308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	963.7275	999.2487	50782.64	11267.23	2384.026
Stddev	1.2718	19.4139	28.86	51.83	28.764
%RSD	.1319649	1.942852	.0568304	.4599638	1.206550

#1	964.9451	977.6609	50815.84	11310.54	2352.176
#2	962.4077	1004.810	50768.51	11209.81	2391.792
#3	963.8296	1015.275	50763.57	11281.34	2408.110

Sample Name: I5524-04A      Acquired: 10/12/2017 12:53:24      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AD5      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866379	-.000363	.5773022	.0012544	.0053584	102.2885	.9931056
Stddev	.0049982	.002542	.0010927	.0058867	.0005947	.4826	.0048776
%RSD	5.769063	699.6209	.1892747	469.2826	11.09863	.4717558	.4911469

#1	.0879689	-.003281	.5772884	.0048184	.0047311	102.6095	.9966903
#2	.0908359	.000823	.5784017	-.005540	.0054300	102.5225	.9950754
#3	.0811090	.001368	.5762165	.004485	.0059140	101.7336	.9875512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085896	.0161956	17.48423	.4212898	.1178462	.3590222	163.7539
Stddev	.0001125	.0003712	.10433	.0027626	.0003866	.0011179	.5729
%RSD	1.309867	2.292030	.5966968	.6557420	.3280238	.3113624	.3498780

#1	.0085088	.0161687	17.59532	.4236009	.1181986	.3593135	164.4033
#2	.0085418	.0165796	17.38833	.4220385	.1179071	.3599656	163.5386
#3	.0087181	.0158386	17.46904	.4182301	.1174328	.3577875	163.3199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.130969	29.62134	.2062917	-.007121	1.711247	.3024634	.9805723
Stddev	.041165	.09421	.0019024	.000351	.077420	.0033721	.0221885
%RSD	.5062716	.3180536	.9222048	4.933851	4.524183	1.114893	2.262814

#1	8.177963	29.66075	.2053342	-.006892	1.764032	.2996423	.9913714
#2	8.101289	29.68945	.2084827	-.006946	1.622371	.3015496	.9952940
#3	8.113655	29.51382	.2050583	-.007526	1.747338	.3061982	.9550515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.257630	-190.660	-.239064	.0028400	10.80060	16.71622	.0546198
Stddev	.060400	1.146	.001830	.0006248	.07916	.06167	.0021050
%RSD	.6524389	.6010819	.7655542	22.00086	.7329316	.3689144	3.853878

#1	9.297493	-190.508	-.240523	.0026729	10.72790	16.76415	.0539696
#2	9.287260	-191.874	-.237010	.0023157	10.88493	16.64665	.0569732
#3	9.188136	-189.597	-.239658	.0035313	10.78896	16.73785	.0529166



Sample Name: I5524-04A      Acquired: 10/12/2017 12:53:24      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AD5      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.823771	.1325931	.1125685
Stddev	.010162	.0013029	.0002714
%RSD	.2657700	.9826125	.2411105

#1	3.831847	.1336087	.1128357
#2	3.827106	.1330465	.1125766
#3	3.812360	.1311241	.1122931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1067.964	1108.822	55690.52	12305.13	2349.238
Stddev	18.857	3.187	846.96	77.03	4.526
%RSD	1.765711	.2874439	1.520832	.6260370	.1926530

#1	1055.628	1105.188	55193.45	12218.92	2345.883
#2	1058.593	1110.136	55209.66	12329.25	2347.445
#3	1089.671	1111.142	56668.46	12367.23	2354.385

Sample Name: PB103121BS      Acquired: 10/12/2017 13:13:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193570	.0489648	.0198769	.0677371	.1179688	.3681427
Stddev	.0027714	.0031478	.0003576	.0033329	.0020381	.0031260
%RSD	14.31738	6.428773	1.798960	4.920389	1.727694	.8491241

#1	.0206223	.0508561	.0201944	.0644216	.1160122	.3656764
#2	.0161788	.0507073	.0194895	.0710872	.1200797	.3716583
#3	.0212700	.0453310	.0199466	.0677026	.1178146	.3670933

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3193025	.0103801	.0102558	8.544887	.0220527	.0925415
Stddev	.0025982	.0001321	.0001853	.027873	.0001715	.0007477
%RSD	.8137049	1.272552	1.806468	.3261909	.7776555	.8079460

#1	.3163054	.0104027	.0100562	8.530728	.0218626	.0917036
#2	.3209177	.0104995	.0104223	8.526935	.0220995	.0927801
#3	.3206845	.0102382	.0102888	8.576997	.0221959	.0931407

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499918	.2122232	.0314753	9.800483	.0789462	.0178311
Stddev	.0004753	.0054847	.0006019	.026886	.0013632	.0001706
%RSD	.9508387	2.584381	1.912324	.2743294	1.726770	.9566753

#1	.0498208	.2145907	.0312408	9.770903	.0774619	.0180053
#2	.0505289	.2161265	.0321591	9.807111	.0792343	.0178237
#3	.0496256	.2059525	.0310259	9.823434	.0801423	.0176643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.286130	.1040054	.1032037	9.590097	F -.965614	F .0216184
Stddev	.106016	.0025096	.0016977	.096468	.071997	.0004021
%RSD	1.141658	2.412974	1.644985	1.005917	7.456092	1.859805

#1	9.226423	.1051259	.1028842	9.510551	-1.03994	.0214910
#2	9.408534	.1057595	.1016884	9.697401	-.89620	.0220688
#3	9.223432	.1011307	.1050384	9.562339	-.96070	.0212956

Sample Name: PB103121BS      Acquired: 10/12/2017 13:13:41      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243352	.1479794	.1902887	F .0131287	.1982006	.0991928
Stddev	.0005683	.0027708	.0008303	.0004877	.0004255	.0000429
%RSD	2.335488	1.872450	.4363631	3.714843	.2146560	.0432768

#1	.0237094	.1491586	.1905054	.0134023	.1977440	.0991521
#2	.0248194	.1499655	.1893715	.0125656	.1982720	.0992376
#3	.0244767	.1448140	.1909892	.0134181	.1985859	.0991888

Elem	Sr4077
Units	ppm
Avg	.2218248
Stddev	.0002304
%RSD	.1038839

#1	.2216273
#2	.2217692
#3	.2220780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.3788	1008.644	49505.00	10967.18	2637.637
Stddev	6.7309	7.426	155.53	51.11	20.209
%RSD	.7030545	.7362640	.3141626	.4660539	.7661913

#1	963.0250	1016.932	49608.75	11000.07	2660.960
#2	959.1811	1002.595	49580.07	10908.30	2625.298
#3	949.9302	1006.405	49326.18	10993.18	2626.654

Sample Name: I5570-09A      Acquired: 10/12/2017 13:45:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AC8      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774757	.0067696	1.025094	.0003650	.1306334	104.1769	.7267373
Stddev	.0072409	.0025908	.005787	.0028339	.0024373	.3607	.0010181
%RSD	9.346040	38.27074	.5645730	776.5166	1.865717	.3462261	.1400902

#1	.0858182	.0056644	1.018889	.0014961	.1332446	103.8057	.7257314
#2	.0728222	.0049147	1.026047	-.002860	.1284188	104.1990	.7277672
#3	.0737867	.0097297	1.030346	.002459	.1302367	104.5261	.7267133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075839	.0141591	22.16447	.1777493	.0549932	.2290140	172.3513
Stddev	.0001831	.0000777	.08582	.0009174	.0004001	.0007306	.5945
%RSD	2.413940	.5486707	.3871827	.5161345	.7276016	.3190070	.3449142

#1	.0076453	.0142439	22.23718	.1771660	.0550547	.2282259	171.6772
#2	.0073780	.0140914	22.06981	.1772753	.0553590	.2291472	172.5765
#3	.0077284	.0141420	22.18643	.1788068	.0545658	.2296687	172.8003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.186986	23.52140	.1414563	-.008292	1.039320	.4763091	.6796255
Stddev	.004691	.06481	.0004858	.000317	.019169	.0024017	.0065243
%RSD	.2145184	.2755528	.3433981	3.823208	1.844420	.5042387	.9599924

#1	2.181666	23.44686	.1410715	-.008655	1.017771	.4735500	.6830529
#2	2.188761	23.56451	.1420021	-.008071	1.054475	.4774454	.6837219
#3	2.190531	23.55283	.1412953	-.008150	1.045714	.4779317	.6721018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.383130	-191.869	-.263897	.0074854	3.315914	10.97919	.0316643
Stddev	.086150	1.182	.002124	.0003316	.013726	.08175	.0022018
%RSD	1.166844	.6158983	.8047358	4.429473	.4139336	.7446176	6.953647

#1	7.304457	-191.084	-.264865	.0071995	3.328793	10.89175	.0334590
#2	7.369744	-193.228	-.265364	.0078489	3.317472	10.99212	.0323265
#3	7.475189	-191.295	-.261462	.0074078	3.301475	11.05371	.0292073

Sample Name: I5570-09A      Acquired: 10/12/2017 13:45:55      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AC8      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.642712	.1009309	.1048576
Stddev	.005612	.0004847	.0002920
%RSD	.2123435	.4802778	.2784672

#1	2.636246	.1004658	.1045241
#2	2.646305	.1008937	.1049813
#3	2.645587	.1014332	.1050673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.4965	983.3309	50311.47	11247.56	2304.465
Stddev	8.5267	5.6294	251.20	68.54	9.244
%RSD	.9085504	.5724871	.4992920	.6094196	.4011561

#1	939.6414	979.6642	50383.91	11326.15	2295.038
#2	929.4552	989.8126	50032.01	11200.18	2313.515
#3	946.3929	980.5159	50518.48	11216.34	2304.840

Sample Name: I5597-07A      Acquired: 10/12/2017 13:49:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MA4XS4      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055590	.0498706	.0008487	-.000890	-.001280	.0353881	.0101579
Stddev	.0036342	.0036054	.0018977	.004681	.001966	.0023218	.0004161
%RSD	65.37610	7.229434	223.6031	525.8197	153.5887	6.560939	4.096025

#1	.0088942	.0485892	-.001184	-.006231	.000487	.0343214	.0105232
#2	.0060970	.0470810	.002573	.001060	-.003398	.0380516	.0102455
#3	.0016857	.0539416	.001157	.002500	-.000930	.0337914	.0097050

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	.0012976	82.12343	.0006712	.1231817	.0399551	.9627273
Stddev	.000080	.0002107	.31905	.0005131	.0000609	.0010306	.0155654
%RSD	224.1976	16.23602	.3884966	76.45461	.0494028	2.579426	1.616799

#1	-.000012	.0013834	82.22898	.0011676	.1231122	.0387770	.9805262
#2	-.000125	.0014519	81.76498	.0001429	.1232078	.0406897	.9516642
#3	.000029	.0010576	82.37632	.0007030	.1232252	.0403986	.9559916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.167454	21.94682	.1006301	.0009891	5.968406	-.000512	.3687512
Stddev	.051328	.11700	.0003499	.0003309	.047321	.001641	.0076456
%RSD	.8322462	.5331063	.3476949	33.45666	.7928528	320.6460	2.073374

#1	6.122122	21.81229	.1010282	.0008201	5.918406	.000680	.3629271
#2	6.157053	22.00332	.1004902	.0007768	5.974320	.000168	.3659174
#3	6.223186	22.02484	.1003717	.0013703	6.012492	-.002384	.3774091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.161652	-.028667	.0055578	-.000167	92.75582	9.077950	-.006404
Stddev	.043745	.129378	.0005049	.000553	.11376	.031737	.001647
%RSD	.6108278	451.3113	9.085079	330.5768	.1226419	.3496063	25.72403

#1	7.194546	.120709	.0059999	-.000473	92.71999	9.111456	-.005705
#2	7.178404	-.105269	.0056658	-.000501	92.88318	9.074052	-.008286
#3	7.112007	-.101441	.0050076	.000471	92.66430	9.048342	-.005222

Sample Name: I5597-07A      Acquired: 10/12/2017 13:49:59      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MA4XS4      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004513	.0206936	.2005263
Stddev	.0005124	.0002744	.0005443
%RSD	113.5386	1.325995	.2714329

#1	.0001765	.0206911	.2003270
#2	.0001349	.0209692	.2011421
#3	.0010425	.0204204	.2001097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	897.8492	931.9531	46249.98	10566.73	2392.413
Stddev	4.6200	1.1516	155.00	14.90	1.634
%RSD	.5145658	.1235728	.3351255	.1409629	.0683193

#1	898.3566	932.1817	46402.57	10551.92	2392.080
#2	902.1946	930.7043	46254.70	10581.71	2390.970
#3	892.9964	932.9733	46092.68	10566.56	2394.188

Sample Name: I5596-08A      Acquired: 10/12/2017 13:54:04      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MA4XS5      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123070	.0518249	.0071763	-.001069	-.001676	2.206082	.0173157
Stddev	.0065511	.0017200	.0009486	.003287	.001849	.008429	.0002218
%RSD	53.23095	3.318867	13.21922	307.5940	110.3702	.3820924	1.281130

#1	.0066528	.0503563	.0081795	-.001387	-.002422	2.213747	.0175415
#2	.0107821	.0514012	.0062937	-.004185	-.003035	2.197054	.0170981
#3	.0194861	.0537171	.0070557	.002366	.000430	2.207445	.0173074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002835	.0020617	83.96141	.0065991	.1281647	.1979751	8.475199
Stddev	.0000354	.0001256	.72939	.0006347	.0013141	.0015445	.021876
%RSD	12.48748	6.089801	.8687146	9.617454	1.025341	.7801587	.2581150

#1	.0002678	.0020260	84.33569	.0067309	.1294114	.1975776	8.482303
#2	.0002586	.0019579	84.42767	.0071574	.1267922	.1996795	8.492640
#3	.0003240	.0022013	83.12086	.0059088	.1282905	.1966681	8.450654

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.290617	22.88502	.1059377	.0009803	6.117512	.0031958	.4038451
Stddev	.041711	.09998	.0014441	.0001010	.078777	.0005740	.0023840
%RSD	.6630592	.4368904	1.363142	10.30091	1.287723	17.95954	.5903182

#1	6.300905	22.99343	.1075842	.0008653	6.130221	.0033307	.4061167
#2	6.326221	22.86518	.1048862	.0010211	6.033153	.0036903	.4040558
#3	6.244725	22.79644	.1053426	.0010545	6.189161	.0025664	.4013627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.503648	-2.35033	-.007011	.0002557	94.79413	12.22295	-.005549
Stddev	.058544	.06335	.000673	.0003425	.44758	.04953	.000644
%RSD	.7802068	2.695439	9.592989	133.9331	.4721565	.4052040	11.59778

#1	7.485551	-2.32167	-.007175	.0001353	95.16751	12.22806	-.005095
#2	7.456289	-2.30636	-.007587	.0006422	94.29798	12.26972	-.005267
#3	7.569104	-2.42294	-.006272	-.000010	94.91690	12.17106	-.006286



Sample Name: I5596-08A      Acquired: 10/12/2017 13:54:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MA4XS5      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1102452	.0229181	.2033869
Stddev	.0026833	.0002068	.0009765
%RSD	2.433901	.9022559	.4801050

#1	.1085236	.0228856	.2035073
#2	.1088750	.0231392	.2042975
#3	.1133369	.0227294	.2023558

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	907.0544	951.9354	46677.19	10621.13	2411.750
Stddev	11.4856	3.9733	379.61	35.12	8.529
%RSD	1.266248	.4173934	.8132609	.3306543	.3536523

#1	896.7131	949.3707	46317.73	10608.55	2403.923
#2	919.4161	956.5123	47074.16	10594.03	2420.840
#3	905.0339	949.9232	46639.69	10660.80	2410.487

Sample Name: CCV050      Acquired: 10/12/2017 13:59:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV050      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.186076	5.120833	24.01992	5.084542	5.096813	392.5011	10.12297
Stddev	.013529	.021404	.01230	.020484	.011792	2.6839	.05994
%RSD	.2608749	.4179813	.0512103	.4028691	.2313556	.6837845	.5921175

#1	5.190981	5.129695	24.03409	5.074511	5.083220	394.7882	10.19213
#2	5.170778	5.096421	24.01206	5.071006	5.102919	393.1685	10.08619
#3	5.196469	5.136384	24.01360	5.108108	5.104299	389.5465	10.09058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153387	2.496062	386.6837	14.65001	2.476814	15.85498	387.5924
Stddev	.0041104	.004349	2.3088	.11770	.003820	.15408	1.2457
%RSD	.7976204	.1742261	.5970832	.8034231	.1542442	.9717851	.3213815

#1	.5127649	2.500360	384.2611	14.51863	2.479194	16.01186	386.5749
#2	.5200792	2.491665	386.9311	14.74583	2.478841	15.84921	388.9816
#3	.5131720	2.496160	388.8588	14.68557	2.472408	15.70387	387.2208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08071	397.5003	2.450999	1.287687	391.2483	2.519443	15.01160
Stddev	.04746	1.4382	.003749	.001830	3.2895	.012250	.07109
%RSD	.3147061	.3618212	.1529755	.1421305	.8407735	.4862238	.4735983

#1	15.04814	397.7623	2.450497	1.288841	393.7242	2.515927	15.08579
#2	15.13516	398.7895	2.447526	1.285577	392.5049	2.533067	15.00494
#3	15.05882	395.9490	2.454974	1.288644	387.5156	2.509336	14.94407

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.6830	5.280818	4.598034	5.002361	5.122272	5.088123	5.048930
Stddev	1.8226	.142978	.021782	.004878	.030161	.019046	.018199
%RSD	1.155894	2.707500	.4737141	.0975197	.5888222	.3743220	.3604503

#1	159.3625	5.124430	4.590268	5.004086	5.119660	5.087825	5.040379
#2	157.9419	5.313190	4.622635	4.996855	5.093501	5.107316	5.036581
#3	155.7448	5.404835	4.581200	5.006142	5.153654	5.069227	5.069829

Sample Name: CCV050      Acquired: 10/12/2017 13:59:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV050      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.043681	5.234349	5.092152
Stddev	.019882	.069861	.004971
%RSD	.3941998	1.334662	.0976136

#1	5.044269	5.302472	5.090377
#2	5.063264	5.237704	5.088313
#3	5.023512	5.162871	5.097767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	795.9421	830.6504	41326.77	9859.883	1759.820
Stddev	12.3413	.0498	364.93	82.000	1.619
%RSD	1.550533	.0060006	.8830364	.8316524	.0919709

#1	782.0244	830.6226	40905.60	9770.738	1760.103
#2	800.2490	830.7080	41525.60	9876.819	1761.279
#3	805.5528	830.6207	41549.10	9932.093	1758.079

Sample Name: CCB050      Acquired: 10/12/2017 14:03:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB050      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001826	.0010476	-.000084	.0009364	-.000509	.0447736
Stddev	.0041458	.0011957	.002116	.0020516	.001408	.0067490
%RSD	2270.961	114.1455	2525.965	219.1015	276.3614	15.07368

#1	.0024160	.0008411	-.001135	-.001416	.000306	.0471605
#2	.0027327	.0023331	.002352	.001873	.000301	.0500048
#3	-.004601	-.000032	-.001469	.002352	-.002135	.0371555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004533	-.000005	.0001388	.0357507	.0014596	-.000084
Stddev	.0003073	.000039	.0000538	.0056004	.0002361	.000304
%RSD	67.79588	764.4901	38.72353	15.66511	16.17655	360.9316

#1	.0007158	.000012	.0001482	.0387163	.0014966	-.000436
#2	.0005288	.000023	.0001873	.0392447	.0016750	.000089
#3	.0001153	-.000050	.0000810	.0292911	.0012071	.000094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017934	.0446202	.0020782	.0467829	.0001622	.0006957
Stddev	.0010603	.0040542	.0006546	.0251670	.0001623	.0000310
%RSD	59.12306	9.085930	31.49796	53.79517	100.0469	4.457683

#1	.0013274	.0429722	.0028112	.0633589	.0001413	.0007305
#2	.0030068	.0416496	.0018714	.0591663	.0003339	.0006711
#3	.0010458	.0492388	.0015520	.0178236	.0000114	.0006854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734867	.0011337	.0014648	.0220785	F .0747187	.0084495
Stddev	.0736671	.0015370	.0004710	.0093870	.0753705	.0002687
%RSD	100.2456	135.5690	32.15696	42.51639	100.8724	3.180296

#1	.1298717	.0022286	.0014180	.0322977	.0404837	.0087543
#2	.1004521	-.000623	.0010188	.0200979	.1611305	.0083476
#3	-.009864	.001796	.0019574	.0138399	.0225420	.0082467

Sample Name: CCB050      Acquired: 10/12/2017 14:03:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB050      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006728	-.014131	.0006092	-.000356	.0006678	.0006652
Stddev	.0001027	.005829	.0012853	.000723	.0000461	.0001008
%RSD	15.26066	41.24860	210.9833	203.3444	6.902833	15.14696

#1	.0007855	-.007495	.0019491	-.000515	.0007061	.0005619
#2	.0006484	-.016475	-.000614	-.000985	.0006167	.0006707
#3	.0005846	-.018422	.000492	.000434	.0006807	.0007632

Elem	Sr4077
Units	ppm
Avg	.0006507
Stddev	.0000671
%RSD	10.31218

#1	.0007254
#2	.0006310
#3	.0005956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.9733	1039.396	52133.72	11226.39	2815.412
Stddev	1.3985	.846	118.61	21.30	4.064
%RSD	.1405586	.0814113	.2275017	.1897668	.1443569

#1	996.1250	1039.859	52173.25	11240.13	2818.064
#2	993.4171	1039.910	52000.40	11237.20	2810.733
#3	995.3778	1038.420	52227.51	11201.85	2817.439

Sample Name: PB103207BL      Acquired: 10/12/2017 14:34:35      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053926	.0006748	.0002830	.0049275	-.001436	.0246150
Stddev	.0025794	.0032642	.0016469	.0003507	.000452	.0053724
%RSD	47.83248	483.7159	581.8754	7.117483	31.48998	21.82586

#1	.0031897	.0019165	.0001470	.0051977	-.001953	.0307919
#2	.0047581	-.003028	-.001292	.0045312	-.001112	.0220240
#3	.0082301	.003136	.001994	.0050536	-.001243	.0210290

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000062	-.000004	.0000770	.0236667	.0008968	.0001056
Stddev	.0002245	.000037	.0000875	.0038421	.0009218	.0001880
%RSD	3652.927	910.4463	113.6937	16.23431	102.7883	178.0115

#1	.0001163	-.000042	.0001426	.0240631	.0008337	.0002527
#2	.0001543	-.000003	-.000022	.0272953	.0000082	.0001704
#3	-.000252	.000032	.000111	.0196417	.0018486	-.000106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010693	.0244104	.0019322	.0244189	.0002750	.0004746
Stddev	.0000784	.0112252	.0002318	.0061271	.0003271	.0001932
%RSD	7.333139	45.98544	11.99639	25.09146	118.9266	40.70506

#1	.0010802	.0361537	.0021737	.0234017	.0001328	.0002695
#2	.0009861	.0137872	.0017114	.0188641	.0000432	.0005012
#3	.0011418	.0232903	.0019115	.0309909	.0006491	.0006532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340358	.0010348	-.002535	-.019641	F .0321868	.0005156
Stddev	.0096221	.0003007	.001729	.022909	.0409182	.0006884
%RSD	28.27061	29.06005	68.19269	116.6429	127.1272	133.5073

#1	.0355635	.0011905	-.001605	.002083	.0653045	.0012666
#2	.0428026	.0006882	-.004530	-.043576	.0448122	-.000085
#3	.0237412	.0012257	-.001470	-.017429	-.013556	.000366

Sample Name: PB103207BL      Acquired: 10/12/2017 14:34:35      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002309	.0010533	.0021426	.0008481	.0005492	.0001596
Stddev	.0000311	.0037177	.0008222	.0007635	.0004877	.0000937
%RSD	13.44844	352.9430	38.37273	90.02073	88.80176	58.71333
#1	.0002648	-.002469	.0013595	.0002098	.0010992	.0000621
#2	.0002038	.004940	.0020695	.0006407	.0001695	.0001677
#3	.0002243	.000689	.0029990	.0016939	.0003789	.0002490

Elem	Sr4077
Units	ppm
Avg	.0002987
Stddev	.0000806
%RSD	26.99565
#1	.0003829
#2	.0002910
#3	.0002222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1019.778	1078.479	52879.73	11309.95	2868.669
Stddev	9.428	8.718	222.41	38.94	8.157
%RSD	.9245368	.8083895	.4205875	.3443093	.2843610
#1	1022.455	1069.299	52882.01	11283.38	2860.265
#2	1027.578	1086.647	53100.99	11291.82	2876.555
#3	1009.301	1079.492	52656.19	11354.65	2869.185

Sample Name: PB103207BS      Acquired: 10/12/2017 14:38:46      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.0165476	.0484615	.0199764	.0691937	.1166654	.3651993
Stddev	.0010543	.0022459	.0028694	.0038565	.0022525	.0067222
%RSD	6.371046	4.634406	14.36417	5.573504	1.930763	1.840687

#1	.0153545	.0459719	.0170711	.0706423	.1160747	.3682783
#2	.0173537	.0503351	.0200495	.0648227	.1147670	.3698304
#3	.0169344	.0490774	.0228086	.0721162	.1191544	.3574891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4982133	.0105770	.0105359	8.788072	.0224592	.0947527
Stddev	.0015051	.0000239	.0003173	.087545	.0001887	.0020089
%RSD	.3021039	.2262612	3.012125	.9961831	.8401542	2.120145

#1	.4980785	.0106036	.0102536	8.691610	.0223545	.0939848
#2	.4997813	.0105702	.0104748	8.810122	.0226770	.0932411
#3	.4967801	.0105572	.0108794	8.862484	.0223461	.0970323

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500813	.2242664	.0363830	9.778750	.0809574	.0182463
Stddev	.0004367	.0077609	.0007628	.036325	.0015165	.0003237
%RSD	.8718967	3.460570	2.096583	.3714685	1.873180	1.774045

#1	.0501462	.2298076	.0355618	9.813116	.0802286	.0186157
#2	.0496158	.2275951	.0365177	9.740740	.0799429	.0181109
#3	.0504819	.2153963	.0370694	9.782393	.0827007	.0180123

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.241044	.1059224	.1051599	9.400398	F -.961533	F .0221290
Stddev	.019218	.0025889	.0023985	.119712	.183866	.0012728
%RSD	.2079610	2.444121	2.280835	1.273483	19.12214	5.751652

#1	9.249387	.1032314	.1078185	9.517725	-1.11655	.0233308
#2	9.219064	.1083953	.1031583	9.405034	-1.00966	.0222607
#3	9.254680	.1061406	.1045031	9.278435	-.75839	.0207955



Sample Name: PB103207BS      Acquired: 10/12/2017 14:38:46      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      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	.0241916	.2311450	.1981053	F .0146274	.1968627	.0958423
Stddev	.0009660	.0064469	.0018697	.0012807	.0016131	.0017330
%RSD	3.993186	2.789100	.9437929	8.755327	.8194147	1.808221
#1	.0233186	.2278496	.2002395	.0148594	.1953122	.0977830
#2	.0240267	.2270119	.1973206	.0157761	.1985319	.0952943
#3	.0252294	.2385735	.1967558	.0132465	.1967439	.0944494

Elem	Sr4077
Units	ppm
Avg	.2206273
Stddev	.0011395
%RSD	.5164999
#1	.2217089
#2	.2207355
#3	.2194376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	993.2401	1030.839	50718.65	11132.83	2664.990
Stddev	7.6298	18.311	447.41	66.00	39.612
%RSD	.7681745	1.776282	.8821332	.5928638	1.486374
#1	988.6477	1034.404	50383.18	11060.85	2681.467
#2	989.0250	1047.104	50546.13	11147.13	2693.704
#3	1002.047	1011.008	51226.63	11190.51	2619.799

Sample Name: I5615-01      Acquired: 10/12/2017 14:42:54      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ492      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013489	-.000472	.0107068	-.001266	.0004558	2.542039	.0234797
Stddev	.0008542	.002835	.0021114	.000358	.0010911	.012513	.0001539
%RSD	63.32311	601.2423	19.72056	28.23501	239.3881	.4922473	.6554061

#1	.0003687	.002474	.0093751	-.001510	-.000724	2.532171	.0236157
#2	.0017440	-.003182	.0131413	-.000856	.000664	2.537834	.0233127
#3	.0019339	-.000707	.0096040	-.001434	.001428	2.556114	.0235108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006783	.0032260	35.12979	-.000938	.0016766	.0313014	50.48368
Stddev	.0000553	.0000561	.24447	.000189	.0004539	.0012477	.44613
%RSD	8.154960	1.739371	.6959041	20.10762	27.07215	3.986225	.8837101

#1	.0006176	.0032584	35.39106	-.000727	.0021843	.0311158	50.86988
#2	.0006915	.0032583	34.90658	-.000996	.0015353	.0301569	49.99533
#3	.0007258	.0031612	35.09173	-.001091	.0013102	.0326316	50.58583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.028839	14.76885	.0030858	-.002736	23.67477	.0155189	.0236888
Stddev	.019479	.06870	.0005830	.000267	.11208	.0014124	.0025832
%RSD	.9601283	.4651800	18.89363	9.760618	.4734024	9.101296	10.90469

#1	2.043181	14.75309	.0026146	-.002636	23.64848	.0155665	.0239643
#2	2.006662	14.70941	.0037378	-.002534	23.57818	.0169070	.0209788
#3	2.036675	14.84407	.0029049	-.003039	23.79766	.0140833	.0261231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.077541	-7.76621	-.043511	-.000829	.2593524	17.10149	.0006502
Stddev	.046381	.04543	.001206	.000454	.0110058	.09918	.0012556
%RSD	.9134532	.5849949	2.770772	54.84008	4.243574	.5799277	193.1133

#1	5.033466	-7.77526	-.042605	-.001084	.2713259	17.12287	.0013473
#2	5.125927	-7.71694	-.043049	-.001098	.2570542	16.99337	.0014025
#3	5.073229	-7.80644	-.044880	-.000304	.2496772	17.18823	-.000799

Sample Name: I5615-01      Acquired: 10/12/2017 14:42:54      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ492      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2396999	.0037393	.1900339
Stddev	.0011256	.0002168	.0003804
%RSD	.4696056	5.798682	.2001910

#1	.2408946	.0035874	.1897182
#2	.2386591	.0039876	.1899271
#3	.2395461	.0036428	.1904562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	917.2052	942.9356	47529.00	10771.09	2434.070
Stddev	5.7969	2.0488	132.34	58.97	3.150
%RSD	.6320218	.2172821	.2784353	.5475096	.1294294

#1	921.8563	940.5716	47681.41	10777.86	2432.494
#2	910.7107	944.0376	47443.22	10826.39	2432.019
#3	919.0486	944.1976	47462.37	10709.02	2437.698

Sample Name: I5615-02      Acquired: 10/12/2017 14:47:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ493      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088159	.0012949	.0036914	-.000692	.0011910	.0717910	.0111890
Stddev	.0035184	.0002519	.0012435	.001754	.0018372	.0016976	.0001011
%RSD	39.90999	19.45160	33.68532	253.6020	154.2573	2.364593	.9036625

#1	.0117723	.0010148	.0027475	-.002716	.0032332	.0722475	.0112812
#2	.0097512	.0013673	.0032263	.000376	-.000327	.0732136	.0110808
#3	.0049244	.0015026	.0051004	.000265	.000667	.0699119	.0112049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004534	.0014888	16.90367	-.002379	.0007007	.0074544	28.01060
Stddev	.0000337	.0001391	.10429	.000213	.0001408	.0001982	.17702
%RSD	7.423250	9.346617	.6169656	8.973081	20.09906	2.658346	.6319631

#1	.0004171	.0013501	16.90443	-.002153	.0005620	.0073270	28.10540
#2	.0004836	.0016284	16.79901	-.002578	.0006966	.0073534	27.80638
#3	.0004595	.0014879	17.00759	-.002405	.0008435	.0076827	28.12004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5628633	6.415501	.0031175	-.001178	10.26088	-.001950	.0051612
Stddev	.0031654	.038553	.0003097	.000105	.04716	.000971	.0050396
%RSD	.5623668	.6009318	9.934045	8.888890	.4595931	49.80006	97.64330

#1	.5593680	6.388506	.0032812	-.001058	10.31018	-.003071	.0012232
#2	.5636857	6.459654	.0033109	-.001227	10.25624	-.001357	.0108405
#3	.5655364	6.398342	.0027603	-.001250	10.21621	-.001423	.0034199

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.775042	-6.12324	-.014443	.0011487	.0513948	13.01342	-.002065
Stddev	.016655	.26200	.001925	.0001963	.0076402	.03264	.001927
%RSD	.9382795	4.278759	13.32584	17.08612	14.86570	.2508302	93.31408

#1	1.759474	-5.87427	-.013444	.0009410	.0560292	13.01023	-.001161
#2	1.792604	-6.39657	-.016662	.0011739	.0555787	12.98250	-.004279
#3	1.773048	-6.09887	-.013224	.0013311	.0425765	13.04754	-.000757

Sample Name: I5615-02      Acquired: 10/12/2017 14:47:01      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ493      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109627	-.000221	.1303232
Stddev	.0011744	.000117	.0005182
%RSD	10.71293	53.15222	.3976508

#1	.0097945	-.000207	.1302725
#2	.0121432	-.000344	.1308649
#3	.0109503	-.000111	.1298322

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.2010	999.3691	49035.52	10938.91	2615.647
Stddev	5.3539	2.7016	95.79	13.62	2.060
%RSD	.5546946	.2703277	.1953437	.1245326	.0787611

#1	968.7251	999.9415	49085.33	10954.59	2613.700
#2	967.8379	1001.738	49096.14	10932.05	2615.438
#3	959.0401	996.427	48925.09	10930.07	2617.804

Sample Name: I5615-03      Acquired: 10/12/2017 14:51:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ494      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140008	-.001623	.0082645	.0001903	.0005136	.1211635	.0184511
Stddev	.0009752	.003942	.0008198	.0024193	.0012688	.0029631	.0004148
%RSD	6.965299	242.8362	9.919982	1271.037	247.0276	2.445571	2.247968

#1	.0148828	.000870	.0085439	.0018466	.0003417	.1180683	.0179819
#2	.0141661	.000428	.0089082	.0013104	-.000660	.1214481	.0186025
#3	.0129535	-.006168	.0073415	-.002586	.001860	.1239741	.0187689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001857	.0017096	13.25897	-.002129	.0025569	.0063441	26.78041
Stddev	.0000809	.0000769	.04392	.000305	.0003328	.0006889	.08606
%RSD	43.55566	4.496846	.3312586	14.32987	13.01632	10.85941	.3213389

#1	.0001113	.0017249	13.22495	-.002440	.0021963	.0068282	26.75356
#2	.0002718	.0017777	13.24341	-.002117	.0026223	.0055554	26.71098
#3	.0001739	.0016262	13.30856	-.001830	.0028522	.0066488	26.87669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.946832	11.73076	.0016388	-.000903	31.52484	.0013032	.0196754
Stddev	.018016	.06198	.0002930	.000357	.19367	.0007900	.0055694
%RSD	.4564686	.5283830	17.87751	39.55372	.6143558	60.62432	28.30631

#1	3.948907	11.73163	.0014677	-.000515	31.48730	.0020159	.0217734
#2	3.927868	11.66834	.0014716	-.000974	31.73454	.0004537	.0133617
#3	3.963720	11.79230	.0019771	-.001219	31.35268	.0014400	.0238911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.660843	-16.0019	.0564969	-.000078	-.002122	25.24311	-.001140
Stddev	.025984	.0865	.0012290	.000554	.004765	.05600	.001239
%RSD	.5575041	.5405861	2.175340	707.6037	224.5586	.2218458	108.6690

#1	4.673836	-16.0380	.0576388	.000561	-.007079	25.28787	-.002008
#2	4.677769	-15.9032	.0566554	-.000390	-.001713	25.18031	-.001690
#3	4.630925	-16.0645	.0551963	-.000406	.002425	25.26114	.000279

Sample Name: I5615-03      Acquired: 10/12/2017 14:51:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ494      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0228735	.0092430	.2273776
Stddev	.0008809	.0002140	.0004461
%RSD	3.851324	2.315268	.1962024

#1	.0218591	.0092273	.2273206
#2	.0234461	.0090373	.2278494
#3	.0233152	.0094644	.2269626

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	948.7150	980.2368	47976.89	10840.32	2521.262
Stddev	13.3005	9.1431	231.26	14.26	12.908
%RSD	1.401952	.9327455	.4820249	.1315340	.5119710

#1	954.9152	989.9209	48095.19	10848.90	2535.124
#2	933.4464	979.0360	47710.41	10823.86	2519.074
#3	957.7834	971.7533	48125.07	10848.21	2509.587

Sample Name: I5615-04      Acquired: 10/12/2017 14:55:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ495      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105706	.0043796	.0238357	-.002167	.0007715	14.10207	.2323364
Stddev	.0014879	.0000538	.0005965	.003243	.0014351	.09965	.0011371
%RSD	14.07526	1.228748	2.502672	149.6367	186.0227	.7066593	.4894065

#1	.0105014	.0044282	.0236855	-.005034	.0002703	13.99044	.2310237
#2	.0120919	.0043218	.0244930	-.002819	-.000346	14.18205	.2330193
#3	.0091186	.0043887	.0233286	.001352	.002390	14.13374	.2329660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010420	.0023897	20.01961	.0197048	.0094807	.0565293	36.10240
Stddev	.0001049	.0001659	.06294	.0001508	.0001450	.0008705	.14789
%RSD	10.06623	6.941120	.3143802	.7650634	1.529859	1.539826	.4096330

#1	.0009220	.0025799	19.95210	.0195932	.0093513	.0556544	35.93657
#2	.0011161	.0023142	20.07666	.0196449	.0096375	.0565384	36.22062
#3	.0010879	.0022750	20.03008	.0198763	.0094531	.0573952	36.15000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.165549	13.68027	.0110011	-.001867	34.98824	.0968015	.0572032
Stddev	.004098	.08698	.0006945	.000404	.23515	.0005397	.0023761
%RSD	.1892562	.6358213	6.312650	21.64412	.6720818	.5574930	4.153859

#1	2.161292	13.58364	.0117619	-.001440	34.71672	.0967474	.0544813
#2	2.169468	13.75231	.0104014	-.001920	35.12551	.0973662	.0582648
#3	2.165885	13.70485	.0108399	-.002243	35.12250	.0962909	.0588635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.601269	-37.0405	.0367191	-.000551	.3517546	27.86423	-.001884
Stddev	.057429	.3882	.0004613	.000131	.0004523	.18254	.001184
%RSD	1.248109	1.048157	1.256363	23.77260	.1285770	.6551222	62.83846

#1	4.540342	-36.7754	.0362262	-.000588	.3520857	27.77040	-.000596
#2	4.609063	-37.4861	.0371405	-.000406	.3519388	27.74768	-.002130
#3	4.654403	-36.8600	.0367906	-.000660	.3512393	28.07461	-.002925



Sample Name: I5615-04      Acquired: 10/12/2017 14:55:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ495      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.965354	.0279249	.2176733
Stddev	.011642	.0000992	.0013610
%RSD	.5923844	.3552054	.6252414

#1	1.952908	.0278142	.2161155
#2	1.975977	.0280057	.2186317
#3	1.967178	.0279548	.2182727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.1810	927.0444	47301.72	10798.36	2363.762
Stddev	8.0088	4.9672	162.02	28.82	3.583
%RSD	.8789462	.5358053	.3425282	.2668583	.1515769

#1	913.1736	925.6067	47433.51	10827.43	2365.275
#2	902.3641	932.5718	47120.83	10797.84	2366.341
#3	918.0054	922.9546	47350.83	10769.81	2359.671

Sample Name: I5615-05      Acquired: 10/12/2017 14:59:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ496      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071699	.0020988	.0050940	-.003972	-.000090	.2805247	.0137176
Stddev	.0036466	.0017894	.0006058	.001568	.002643	.0018452	.0003089
%RSD	50.85996	85.25517	11.89322	39.47638	2923.796	.6577685	2.252177

#1	.0111321	.0025648	.0044012	-.004572	.001046	.2795058	.0139908
#2	.0039545	.0001226	.0055243	-.002192	.001795	.2794137	.0137796
#3	.0064230	.0036091	.0053564	-.005150	-.003112	.2826547	.0133823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002044	.0006415	10.51389	.0002947	.0004826	.0083617	10.68814
Stddev	.0000434	.0000287	.06671	.0004572	.0002609	.0002986	.06587
%RSD	21.26167	4.471277	.6345217	155.1328	54.06626	3.570452	.6163122

#1	.0002218	.0006085	10.53516	-.000020	.0004973	.0080331	10.61646
#2	.0001549	.0006559	10.56737	.000819	.0007359	.0086164	10.70193
#3	.0002363	.0006602	10.43913	.000085	.0002147	.0084356	10.74602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729369	8.810722	.0010822	-.000144	26.29100	.0007407	.0467777
Stddev	.010972	.051266	.0003768	.000165	.13809	.0010300	.0008948
%RSD	.6344637	.5818572	34.81832	114.7946	.5252366	139.0590	1.912843

#1	1.720149	8.760113	.0006955	-.000320	26.17536	.0009030	.0459507
#2	1.726452	8.809432	.0014483	.000006	26.25375	-.000361	.0466548
#3	1.741504	8.862621	.0011027	-.000117	26.44389	.001680	.0477276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.067673	-7.07214	.1123756	-.000169	.3011519	11.25001	-.001897
Stddev	.037823	.19161	.0009574	.000385	.0103909	.06399	.002230
%RSD	1.232952	2.709432	.8519701	227.5730	3.450381	.5687615	117.5848

#1	3.063615	-6.99115	.1132593	-.000341	.3122673	11.20443	-.002897
#2	3.032042	-7.29095	.1125089	-.000439	.2916819	11.22245	-.003451
#3	3.107361	-6.93432	.1113585	.000272	.2995064	11.32316	.000659

Sample Name: I5615-05      Acquired: 10/12/2017 14:59:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ496      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0270051	.0370112	.1303453
Stddev	.0005396	.0002588	.0001477
%RSD	1.998029	.6992712	.1132898

#1	.0274287	.0372832	.1302203
#2	.0271890	.0367680	.1303074
#3	.0263977	.0369824	.1305082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.2115	937.9051	46889.39	10673.56	2481.264
Stddev	1.1012	5.9670	51.05	41.94	8.215
%RSD	.1223231	.6362027	.1088757	.3929728	.3310966

#1	901.0707	935.5779	46941.31	10688.56	2477.927
#2	898.9702	944.6850	46887.62	10705.93	2490.622
#3	900.5937	933.4524	46839.25	10626.17	2475.241

Sample Name: I5615-06      Acquired: 10/12/2017 15:03:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A2      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080816	.0016166	.0041894	-.003235	-.000762	.1699102	.0206784
Stddev	.0068952	.0015676	.0013185	.002518	.001112	.0014988	.0002817
%RSD	85.31960	96.96927	31.47166	77.83662	146.0562	.8821440	1.362278

#1	.0086955	.0008878	.0052241	-.005351	.000038	.1683404	.0209074
#2	.0009000	.0034159	.0027049	-.003906	-.000291	.1713263	.0207639
#3	.0146493	.0005460	.0046393	-.000450	-.002032	.1700638	.0203638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002044	.0011832	18.49207	-.000963	-.000621	.0063246	20.54657
Stddev	.0000411	.0000889	.11145	.000550	.000093	.0004697	.08637
%RSD	20.08949	7.509325	.6026772	57.08179	14.90289	7.426463	.4203684

#1	.0001579	.0011347	18.42260	-.000349	-.000554	.0066066	20.44889
#2	.0002197	.0011290	18.62062	-.001130	-.000727	.0057824	20.61284
#3	.0002356	.0012857	18.43298	-.001410	-.000583	.0065848	20.57798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.112384	8.620824	.0008126	-.000483	16.93318	.0010992	.0071542
Stddev	.014607	.041040	.0002584	.000091	.11159	.0029949	.0018857
%RSD	.6915135	.4760547	31.79331	18.86182	.6589952	272.4531	26.35766

#1	2.096285	8.590943	.0008854	-.000457	16.81501	.0045516	.0091751
#2	2.124792	8.603913	.0005257	-.000585	17.03675	-.000454	.0054418
#3	2.116075	8.667618	.0010268	-.000408	16.94778	-.000800	.0068458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.627081	-8.10419	.0030951	-.000657	.2533918	12.34756	-.001376
Stddev	.028381	.17326	.0015793	.000306	.0033336	.03587	.001764
%RSD	.6133583	2.137956	51.02730	46.48771	1.315594	.2904804	128.2738

#1	4.639575	-7.93955	.0031086	-.000559	.2538610	12.31170	-.001821
#2	4.594597	-8.08807	.0046676	-.000413	.2498485	12.38343	-.002875
#3	4.647071	-8.28496	.0015090	-.001000	.2564660	12.34756	.000569

Sample Name: I5615-06      Acquired: 10/12/2017 15:03:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A2      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0292323	.0025641	.1895102
Stddev	.0002245	.0003464	.0003232
%RSD	.7678123	13.50896	.1705316

#1	.0290471	.0022928	.1891935
#2	.0291679	.0029542	.1894976
#3	.0294819	.0024451	.1898395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.4561	943.0768	47477.36	10649.81	2494.278
Stddev	4.8282	4.1581	44.43	36.88	6.765
%RSD	.5274051	.4409032	.0935798	.3462789	.2712389

#1	920.8333	942.1045	47489.45	10689.47	2491.398
#2	914.0422	947.6349	47514.50	10616.55	2502.006
#3	911.4927	939.4911	47428.14	10643.43	2489.428

Sample Name: I5615-07      Acquired: 10/12/2017 15:07:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ4A3      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122017	.0024977	.0072659	-.001208	.0001187	.3867625	.0193917
Stddev	.0054893	.0006572	.0015518	.003769	.0011437	.0023939	.0000899
%RSD	44.98837	26.31413	21.35687	311.9664	963.3314	.6189482	.4633806

#1	.0071109	.0022631	.0076621	-.003708	.0014046	.3882571	.0193238
#2	.0180175	.0019899	.0055544	-.003044	-.000785	.3880289	.0193577
#3	.0114767	.0032400	.0085812	.003127	-.000263	.3840014	.0194936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003097	.0016617	22.92683	-.001279	.0000292	.0134443	26.01238
Stddev	.0000537	.0002658	.26869	.000408	.0000942	.0005898	.03468
%RSD	17.33554	15.99463	1.171937	31.93264	323.1036	4.386741	.1333129

#1	.0002624	.0017993	23.14679	-.001743	-.000046	.0140729	26.04787
#2	.0002986	.0013553	22.62736	-.001117	.000135	.0129032	26.01069
#3	.0003680	.0018304	23.00634	-.000976	-.000002	.0133567	25.97858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.378797	12.30095	.0049134	-.001023	22.74972	.0019226	.0295976
Stddev	.010935	.07363	.0006163	.000378	.30753	.0031705	.0021176
%RSD	.4596911	.5985870	12.54307	36.94876	1.351785	164.9046	7.154525

#1	2.388472	12.25346	.0051054	-.001006	22.42448	-.001588	.0309312
#2	2.366933	12.38577	.0054108	-.001410	23.03578	.004577	.0307058
#3	2.380986	12.26363	.0042239	-.000654	22.78891	.002779	.0271559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.870732	-14.2940	.0061709	-.000186	.1025515	14.22733	.0001135
Stddev	.100172	.1861	.0008734	.000179	.0055076	.08041	.0003898
%RSD	1.706295	1.302171	14.15336	96.21108	5.370551	.5651751	343.4821

#1	5.803561	-14.4785	.0068855	-.000149	.0976959	14.13484	.0001558
#2	5.985868	-14.1062	.0051973	-.000029	.1014227	14.28064	-.000296
#3	5.822768	-14.2974	.0064299	-.000381	.1085361	14.26651	.000480

Sample Name: I5615-07      Acquired: 10/12/2017 15:07:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A3      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0409383	.0051546	.2336676
Stddev	.0007665	.0000664	.0005516
%RSD	1.872266	1.288303	.2360630

#1	.0400732	.0050915	.2332074
#2	.0412090	.0051486	.2342790
#3	.0415326	.0052239	.2335163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	904.0997	935.8211	46876.78	10652.34	2450.684
Stddev	3.1950	6.6045	72.04	43.27	10.831
%RSD	.3533872	.7057490	.1536855	.4061678	.4419388

#1	907.6444	937.5933	46896.17	10701.26	2455.715
#2	903.2129	941.3588	46797.02	10619.10	2458.084
#3	901.4418	928.5113	46937.14	10636.65	2438.253

Sample Name: I5615-08      Acquired: 10/12/2017 15:11:32      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4C7      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051241	.0017889	.0095663	.0011620	-.000228	1.364981	.0342118
Stddev	.0039039	.0022320	.0026221	.0016357	.001918	.002734	.0002325
%RSD	76.18621	124.7693	27.40966	140.7687	839.6192	.2002959	.6795912

#1	.0094964	.0043147	.0092818	.0025977	-.002222	1.364007	.0341047
#2	.0019878	.0009697	.0070980	.0015070	.001603	1.362867	.0344786
#3	.0038882	.0000823	.0123190	-.000619	-.000066	1.368068	.0340522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003418	.0009812	39.60787	.0030981	-.000591	.0118354	15.48933
Stddev	.0000190	.0003628	.06197	.0002975	.000254	.0005024	.10700
%RSD	5.568580	36.97655	.1564595	9.603596	42.97000	4.245196	.6907855

#1	.0003225	.0009514	39.58519	.0028988	-.000600	.0112817	15.40968
#2	.0003606	.0013581	39.56043	.0034401	-.000333	.0122622	15.44736
#3	.0003422	.0006342	39.67798	.0029555	-.000840	.0119622	15.61095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8537410	12.54445	.0025036	-.000016	17.10325	.0068804	.0281307
Stddev	.0030199	.05989	.0005374	.000197	.10720	.0010265	.0036565
%RSD	.3537222	.4774515	21.46665	1262.043	.6267810	14.91908	12.99823

#1	.8504599	12.49907	.0029757	.000177	17.01166	.0079458	.0247269
#2	.8543593	12.52194	.0026163	-.000008	17.22116	.0058978	.0276692
#3	.8564039	12.61234	.0019187	-.000216	17.07693	.0067977	.0319960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.419621	-8.30384	.0098198	.0024976	.5164980	18.26386	-.002045
Stddev	.021554	.18812	.0003343	.0002564	.0069281	.05338	.001027
%RSD	.4876958	2.265417	3.404736	10.26580	1.341358	.2922775	50.21975

#1	4.399399	-8.51552	.0096202	.0026556	.5127815	18.22060	-.003227
#2	4.442297	-8.15578	.0102058	.0026354	.5122212	18.32351	-.001374
#3	4.417167	-8.24023	.0096334	.0022018	.5244913	18.24745	-.001533



Sample Name: I5615-08      Acquired: 10/12/2017 15:11:32      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4C7      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2361155	.0142093	.1648795
Stddev	.0005784	.0002617	.0002717
%RSD	.2449794	1.841547	.1647839

#1	.2357251	.0139280	.1645728
#2	.2358414	.0144454	.1649757
#3	.2367801	.0142546	.1650900

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.6819	930.7430	46628.14	10560.17	2431.014
Stddev	10.3220	7.4033	197.39	55.75	13.176
%RSD	1.153709	.7954139	.4233382	.5279135	.5419766

#1	901.7216	929.9001	46823.83	10624.00	2431.084
#2	899.4912	938.5316	46631.51	10535.44	2444.154
#3	882.8328	923.7973	46429.08	10521.06	2417.803

Sample Name: I5615-09      Acquired: 10/12/2017 15:15:38      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A6      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045603	.0029530	-.000633	-.003347	-.001529	.0059972	-.001456
Stddev	.0044539	.0021714	.001216	.001294	.002027	.0018317	.000081
%RSD	97.66702	73.53080	191.9691	38.65341	132.5326	30.54323	5.579769

#1	.0023333	.0054446	.000770	-.004227	-.001927	.0077720	-.001402
#2	.0016591	.0019503	-.001333	-.003952	.000667	.0041134	-.001417
#3	.0096885	.0014642	-.001337	-.001861	-.003328	.0061062	-.001550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001765	.0000021	.0347645	.0002431	.0002043	.0007542	.0194224
Stddev	.0000548	.0001445	.0041665	.0005307	.0002163	.0006352	.0047359
%RSD	31.04123	6894.507	11.98477	218.3459	105.9080	84.22426	24.38374

#1	.0001549	-.000103	.0395658	.0003054	-.000023	.0010348	.0232256
#2	.0001357	.000167	.0326289	-.000316	.000408	.0000270	.0209237
#3	.0002387	-.000058	.0320989	.000740	.000227	.0012007	.0141178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009091	.0079270	.0010052	.0005383	.0779379	-.000009	-.002889
Stddev	.0003072	.0131309	.0005200	.0002222	.0183653	.000322	.004947
%RSD	33.79734	165.6476	51.73027	41.27391	23.56399	3463.286	171.2566

#1	.0010475	-.004445	.0015679	.0003443	.0986351	-.000262	.000618
#2	.0011228	.021704	.0009054	.0004899	.0635891	-.000119	-.008547
#3	.0005570	.006522	.0005424	.0007807	.0715894	.000353	-.000737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.358619	-.078134	-.001624	-.000351	-.024549	.0577524	-.000860
Stddev	.025425	.031782	.000378	.000295	.002744	.0015493	.001267
%RSD	7.089793	40.67591	23.29932	84.04114	11.17962	2.682706	147.3826

#1	-.387951	-.041949	-.001539	-.000018	-.027247	.0594508	-.002251
#2	-.342860	-.090927	-.002038	-.000581	-.024640	.0573899	.000230
#3	-.345047	-.101526	-.001295	-.000454	-.021760	.0564164	-.000559

Sample Name: I5615-09      Acquired: 10/12/2017 15:15:38      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A6      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004967	-.000712	.0000998
Stddev	.0001696	.000115	.0000099
%RSD	34.15089	16.17441	9.869075

#1	.0003565	-.000843	.0001084
#2	.0004484	-.000670	.0000891
#3	.0006853	-.000624	.0001019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.105	1044.229	51356.48	11149.49	2820.649
Stddev	9.521	3.005	216.08	15.81	7.626
%RSD	.9444070	.2877779	.4207415	.1418030	.2703774

#1	1014.097	1047.651	51294.04	11137.03	2825.420
#2	1013.091	1043.015	51596.90	11167.28	2824.674
#3	997.127	1042.022	51178.49	11144.18	2811.854

Sample Name: I5615-10      Acquired: 10/12/2017 15:19:48      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A7      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011333	.0038815	.0002140	-.000462	-.001695	.0031865	-.001235
Stddev	.0061552	.0011038	.0014246	.001348	.003291	.0011162	.000220
%RSD	543.1210	28.43703	665.8308	291.9957	194.1629	35.02745	17.80502

#1	.0008776	.0042357	-.001429	-.001695	-.003974	.0041281	-.001178
#2	-.004890	.0047648	.001112	.000977	-.003188	.0019536	-.001048
#3	.007412	.0026441	.000958	-.000667	.002078	.0034779	-.001477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001294	-.000061	-.011164	.0007328	.0000450	.0013479	.0027425
Stddev	.0000719	.000112	.013309	.0006532	.0002610	.0001774	.0078912
%RSD	55.59468	184.1197	119.2169	89.14303	580.5722	13.15783	287.7385

#1	.0001583	-.000018	-.025597	.0014869	-.000105	.0014236	-.004743
#2	.0001823	-.000188	-.008518	.0003693	-.000106	.0011453	.001986
#3	.0000475	.000023	.000623	.0003421	.000346	.0014748	.010984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000377	-.000738	.0006275	.0004420	.0194252	.0004883	.0008743
Stddev	.0002299	.019757	.0001609	.0001651	.0379138	.0027382	.0038780
%RSD	609.2429	2677.615	25.64304	37.34463	195.1784	560.7806	443.5562

#1	.0002109	.019908	.0004563	.0002749	.0631914	.0036033	-.000555
#2	.0001255	-.019466	.0007756	.0006049	-.001537	-.001539	.005264
#3	-.000223	-.002656	.0006507	.0004462	-.003379	-.000599	-.002086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.362640	-.084753	-.001014	-.000128	-.021439	.0294928	-.001094
Stddev	.015708	.089308	.000866	.000335	.000624	.0009041	.000513
%RSD	4.331665	105.3742	85.35717	261.5597	2.911976	3.065395	46.88595

#1	-.344736	-.015380	-.001992	-.000501	-.022006	.0301194	-.001124
#2	-.374108	-.185518	-.000703	.000147	-.020770	.0299026	-.000567
#3	-.369076	-.053361	-.000347	-.000030	-.021542	.0284564	-.001591

Sample Name: I5615-10      Acquired: 10/12/2017 15:19:48      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A7      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007057	-.000365	-.000064
Stddev	.0002232	.000465	.000023
%RSD	31.62961	127.4124	36.03431

#1	.0004827	.000153	-.000073
#2	.0009292	-.000500	-.000080
#3	.0007053	-.000746	-.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1010.657	1029.201	51603.92	11213.43	2797.881
Stddev	9.826	15.188	133.56	77.57	26.978
%RSD	.9721956	1.475662	.2588211	.6917718	.9642181

#1	1021.307	1041.140	51728.02	11299.48	2823.472
#2	1008.720	1034.357	51621.18	11191.98	2800.468
#3	1001.945	1012.107	51462.57	11148.85	2769.703

Sample Name: I5344-19A      Acquired: 10/12/2017 15:23:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AF8A      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267542	.0499431	.0387058	.0038827	.1836218	.5117366	.3448232
Stddev	.0045361	.0015409	.0029124	.0007896	.0019891	.0032978	.0010007
%RSD	16.95461	3.085396	7.524344	20.33710	1.083235	.6444368	.2902167

#1	.0319904	.0482179	.0404494	.0042839	.1834445	.5082971	.3445558
#2	.0240241	.0504285	.0353437	.0029731	.1817273	.5120410	.3439834
#3	.0242481	.0511828	.0403243	.0043912	.1856935	.5148716	.3459305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001598	-.000265	155.1808	.0083560	-.001320	.0040141	.0074736
Stddev	.0001307	.000123	.6366	.0008926	.000228	.0012396	.0038789
%RSD	81.76003	46.50681	.4102022	10.68182	17.29170	30.88077	51.90094

#1	.0000189	-.000305	154.9629	.0084598	-.001128	.0051686	.0100544
#2	.0002769	-.000127	155.8976	.0091921	-.001573	.0027041	.0093533
#3	.0001837	-.000363	154.6817	.0074161	-.001260	.0041696	.0030130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007085	.0034775	.0017796	.0006039	51.67715	.0054596	.0029283
Stddev	.0003332	.0258610	.0002239	.0002179	.24532	.0010966	.0076286
%RSD	47.02620	743.6628	12.58029	36.08352	.4747199	20.08603	260.5118

#1	.0010399	-.011962	.0019636	.0003924	51.44585	.0044427	.0095929
#2	.0007119	-.010939	.0018448	.0008277	51.65117	.0053145	.0045844
#3	.0003736	.033333	.0015303	.0005915	51.93443	.0066215	-.005392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.96762	-.174524	.0526095	.1741166	8.428005	1.904761	-.004336
Stddev	.60888	.191287	.0004417	.0004684	.016627	.005091	.000814
%RSD	1.107709	109.6051	.8395473	.2690199	.1972841	.2672763	18.78065

#1	54.26622	.026905	.0527503	.1735759	8.445680	1.900069	-.005044
#2	55.36035	-.353728	.0529637	.1743747	8.425660	1.904038	-.003446
#3	55.27629	-.196748	.0521146	.1743991	8.412675	1.910174	-.004519

Sample Name: I5344-19A      Acquired: 10/12/2017 15:23:59      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AF8A      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-0.001152	.4093412	1.064274
Stddev	.000033	.0040444	.003801
%RSD	2.886658	.9880328	.3571335

#1	-0.001133	.4046711	1.062140
#2	-0.001190	.4116863	1.062019
#3	-0.001132	.4116661	1.068662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	844.4050	873.4014	43878.79	10483.57	2179.838
Stddev	6.1516	9.9879	96.49	54.81	15.128
%RSD	.7285184	1.143558	.2199076	.5227740	.6940038

#1	851.5079	880.2459	43890.20	10526.22	2190.503
#2	840.7911	878.0180	43969.06	10502.74	2186.487
#3	840.9159	861.9404	43777.09	10421.76	2162.524

Sample Name: CCV051      Acquired: 10/12/2017 15:28:07      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV051      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.330851	5.184538	23.97170	5.227984	5.236849	399.3334
Stddev	.012441	.015036	.05603	.004881	.014605	1.2936
%RSD	.2333820	.2900091	.2337305	.0933611	.2788938	.3239295

#1	5.316914	5.197022	23.93818	5.222971	5.221036	399.2733
#2	5.340837	5.167847	23.94054	5.232721	5.239679	400.6560
#3	5.334801	5.188746	24.03638	5.228260	5.249832	398.0710

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41073	.5187526	2.504068	380.1005	14.67605	2.484904
Stddev	.05727	.0014351	.005169	2.8820	.02303	.001471
%RSD	.5500799	.2766444	.2064380	.7582082	.1568914	.0591895

#1	10.36244	.5200398	2.506278	377.4949	14.69739	2.483442
#2	10.47400	.5172052	2.498161	379.6106	14.67911	2.484887
#3	10.39574	.5190127	2.507766	383.1960	14.65164	2.486383

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19428	390.8558	14.97478	401.4483	2.495477	1.265973
Stddev	.04889	1.6615	.05450	1.2073	.006780	.006723
%RSD	.3019015	.4250999	.3639499	.3007458	.2717079	.5310452

#1	16.21722	388.9373	14.91575	400.1023	2.498820	1.268043
#2	16.22748	391.8117	14.98541	402.4356	2.487674	1.271417
#3	16.13814	391.8185	15.02319	401.8070	2.499937	1.258458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.8473	2.544620	15.02905	161.0438	F 5.644361	4.574432
Stddev	1.2026	.010887	.09058	1.0040	.481860	.008102
%RSD	.3045722	.4278576	.6027096	.6234489	8.537012	.1771202

#1	395.1893	2.532050	14.92584	161.4032	5.859637	4.578184
#2	395.8418	2.551071	15.06595	161.8186	5.981055	4.579978
#3	393.5107	2.550739	15.09536	159.9095	5.092391	4.565133



Sample Name: CCV051      Acquired: 10/12/2017 15:28:07      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV051      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.108589	5.253315	5.112016	5.156703	5.036030	5.323047
Stddev	.008980	.043394	.003646	.008493	.007211	.040096
%RSD	.1757733	.8260255	.0713314	.1647051	.1431790	.7532551
#1	5.105824	5.303409	5.110386	5.147378	5.030981	5.343719
#2	5.101317	5.229262	5.109468	5.163995	5.032821	5.348588
#3	5.118626	5.227275	5.116193	5.158737	5.044288	5.276833

Elem	Sr4077
Units	ppm
Avg	5.119103
Stddev	.006013
%RSD	.1174654
#1	5.125839
#2	5.114276
#3	5.117194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	767.5581	800.1924	40424.23	9721.759	1707.916
Stddev	1.2976	2.1990	141.28	21.336	3.619
%RSD	.1690497	.2748151	.3494886	.2194637	.2118926
#1	767.4076	802.3501	40390.53	9716.899	1712.044
#2	766.3423	800.2728	40302.84	9703.272	1706.421
#3	768.9243	797.9543	40579.31	9745.105	1705.285

Sample Name: CCB051      Acquired: 10/12/2017 15:32:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB051      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001966	.0030598	-.001132	.0011427	.0006426	.0288924
Stddev	.005781	.0023441	.001180	.0026195	.0022086	.0107010
%RSD	294.1184	76.60849	104.2656	229.2478	343.6955	37.03739

#1	-.002138	.0022378	-.001396	.0032307	.0022484	.0398429
#2	-.007659	.0057043	-.002157	.0019939	.0015554	.0283745
#3	.003900	.0012375	.000158	-.001797	-.001876	.0184597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000414	.0000621	.0001827	.0223162	.0014435	-.000023
Stddev	.000223	.0000134	.0000793	.0107813	.0003413	.000255
%RSD	53.87923	21.62210	43.41640	48.31163	23.64764	1093.667

#1	-.000178	.0000522	.0000935	.0331207	.0014252	-.000124
#2	-.000621	.0000774	.0002453	.0115582	.0017936	.000267
#3	-.000442	.0000567	.0002092	.0222696	.0011116	-.000214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017571	.0327670	.0012382	.0416216	.0003170	.0002823
Stddev	.0004255	.0155303	.0008368	.0194514	.0003977	.0003872
%RSD	24.21692	47.39632	67.57853	46.73378	125.4361	137.1476

#1	.0014375	.0444922	.0020787	.0604626	-.000142	.0002009
#2	.0022400	.0386551	.0012306	.0427897	.000554	.0007037
#3	.0015937	.0151536	.0004053	.0216126	.000539	-.000058

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011036	.0001524	-.003304	-.005468	F -.018865	.0083727
Stddev	.006875	.0013963	.002673	.024123	.069664	.0005514
%RSD	62.29521	916.2766	80.89809	441.1895	369.2726	6.585140

#1	-.003685	-.000825	-.005950	.003997	-.094120	.0077409
#2	-.012116	.001752	-.003358	.012488	.043372	.0086209
#3	-.017307	-.000469	-.000605	-.032888	-.005848	.0087564

Sample Name: CCB051      Acquired: 10/12/2017 15:32:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB051      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008074	-.014075	.0004167	-.000264	.0002294	.0004933
Stddev	.0002868	.001338	.0010905	.000903	.0007846	.0001140
%RSD	35.51868	9.506575	261.6701	342.2521	342.0311	23.10307
#1	.0010738	-.015618	-.000220	-.000738	.0006780	.0004893
#2	.0008446	-.013359	-.000205	-.000831	-.000677	.0006092
#3	.0005039	-.013247	.001676	.000778	.000687	.0003814

Elem	Sr4077
Units	ppm
Avg	.0003924
Stddev	.0001137
%RSD	28.96519
#1	.0005151
#2	.0003713
#3	.0002907

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1025.301	1064.270	52934.75	11336.64	2861.143
Stddev	3.581	5.854	22.70	66.29	9.201
%RSD	.3492498	.5500924	.0428918	.5847455	.3216019
#1	1028.675	1058.284	52929.85	11264.48	2855.023
#2	1025.683	1069.984	52914.90	11350.63	2871.725
#3	1021.544	1064.542	52959.50	11394.83	2856.681

Sample Name: I5615-11      Acquired: 10/12/2017 15:36:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A8      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000564	.0049155	.0007655	-.003222	-.000924	.1553904	.0025865
Stddev	.0034410	.0015735	.0024208	.003393	.000942	.0009959	.0002373
%RSD	6100.399	32.01227	316.2434	105.3041	101.9962	.6408786	9.176166

#1	.0019668	.0048675	-.000352	-.000815	-.000570	.1565138	.0028585
#2	-.003916	.0033665	.003543	-.007102	-.000210	.1546161	.0024215
#3	.002118	.0065125	-.000894	-.001749	-.001992	.1550414	.0024795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001346	.0000323	.3335210	.0089765	.0002127	.0104049	.9121501
Stddev	.0000365	.0001871	.0092506	.0003201	.0001047	.0005756	.0081116
%RSD	27.13346	579.4960	2.773623	3.565852	49.19463	5.532135	.8892881

#1	.0001594	.0000028	.3433221	.0089920	.0001002	.0104989	.9139276
#2	.0001518	-.000138	.3322985	.0092885	.0003072	.0109277	.9192256
#3	.0000927	.000232	.3249424	.0086489	.0002308	.0097880	.9032971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145448	.1033411	.0081984	.0001584	.3360776	-.000628	.2526283
Stddev	.0005561	.0116574	.0002121	.0000673	.0655181	.000790	.0043055
%RSD	3.823190	11.28046	2.586768	42.52128	19.49493	125.9530	1.704298

#1	.0150127	.1150481	.0080237	.0001936	.3163780	-.001454	.2525908
#2	.0146916	.1032412	.0084344	.0002008	.4091854	-.000550	.2483417
#3	.0139300	.0917341	.0081372	.0000807	.2826695	.000121	.2569525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.311793	-4.45206	.0033625	.0081214	.0233096	.3688070	-.000597
Stddev	.008338	.03461	.0008832	.0002984	.0037509	.0119882	.001122
%RSD	2.674135	.7774570	26.26701	3.673607	16.09166	3.250535	188.0650

#1	-.321166	-4.41513	.0043407	.0084139	.0267229	.3681360	.000439
#2	-.305200	-4.45731	.0026235	.0078175	.0192940	.3811165	-.000440
#3	-.309015	-4.48375	.0031233	.0081329	.0239119	.3571683	-.001789

Sample Name: I5615-11      Acquired: 10/12/2017 15:36:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4A8      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0133812	-.000226	.0018348
Stddev	.0003043	.000266	.0000608
%RSD	2.273690	117.5446	3.311472

#1	.0132841	-.000179	.0019049
#2	.0131374	.000013	.0017981
#3	.0137222	-.000513	.0018014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1005.845	1033.324	51435.66	11232.93	2797.046
Stddev	9.109	2.029	178.51	29.01	3.159
%RSD	.9056252	.1964016	.3470527	.2582525	.1129583

#1	1001.925	1032.596	51425.37	11257.83	2793.807
#2	1016.258	1035.617	51619.09	11201.08	2800.119
#3	999.352	1031.759	51262.52	11239.90	2797.211

Sample Name: I5615-12      Acquired: 10/12/2017 15:40:37      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4B0      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118645	.0043575	.0392048	-.001352	.0009590	14.47552	.2754796
Stddev	.0025384	.0022516	.0016665	.000920	.0008142	.00245	.0003391
%RSD	21.39511	51.67119	4.250765	68.02760	84.89958	.0169345	.1230856

#1	.0090727	.0049264	.0406375	-.001987	.0004792	14.47796	.2758555
#2	.0140338	.0018761	.0396012	-.001771	.0004987	14.47305	.2753863
#3	.0124869	.0062701	.0373759	-.000297	.0018991	14.47555	.2751969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008748	.0024347	23.71769	.0527480	.0093399	.0929152	28.96089
Stddev	.0000185	.0002392	.03762	.0009050	.0003320	.0008969	.11026
%RSD	2.108714	9.825689	.1586318	1.715742	3.555000	.9652758	.3807203

#1	.0008630	.0025721	23.76113	.0522288	.0097160	.0921144	29.03665
#2	.0008961	.0021585	23.69575	.0537930	.0090876	.0938843	28.83439
#3	.0008654	.0025736	23.69618	.0522222	.0092160	.0927469	29.01163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.575100	10.64490	.0280580	-.001267	52.05597	.0616277	.2116345
Stddev	.002711	.06148	.0008536	.000645	.20932	.0010625	.0040570
%RSD	.1721050	.5775969	3.042370	50.94655	.4021058	1.724012	1.917005

#1	1.572022	10.70609	.0282115	-.000581	51.83277	.0621478	.2154211
#2	1.577135	10.64549	.0288244	-.001358	52.24789	.0623298	.2073525
#3	1.576142	10.58313	.0271380	-.001862	52.08726	.0604053	.2121300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.253995	-211.397	.0182556	.0156738	2.951122	23.20271	.0005246
Stddev	.023331	2.136	.0013022	.0001901	.029176	.10977	.0007592
%RSD	.5484477	1.010222	7.133320	1.212791	.9886289	.4730896	144.7089

#1	4.235723	-212.622	.0170348	.0158493	2.953853	23.09990	.0009802
#2	4.280276	-208.931	.0181057	.0157002	2.920676	23.31831	-.000352
#3	4.245987	-212.638	.0196263	.0154719	2.978836	23.18991	.000945

Sample Name: I5615-12      Acquired: 10/12/2017 15:40:37      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4B0      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9764623	.0114013	.2579752
Stddev	.0019302	.0001463	.0004580
%RSD	.1976746	1.283166	.1775307

#1	.9780010	.0113329	.2574650
#2	.9770895	.0113017	.2583507
#3	.9742965	.0115692	.2581099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	924.2001	956.4878	47594.31	10788.90	2399.426
Stddev	1.7886	2.6750	149.05	30.57	7.999
%RSD	.1935259	.2796664	.3131682	.2833673	.3333879

#1	925.5489	953.6020	47614.62	10819.06	2398.653
#2	924.8800	958.8844	47732.16	10757.93	2407.784
#3	922.1712	956.9771	47436.14	10789.71	2391.841

Sample Name: I5615-13      Acquired: 10/12/2017 15:44:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ4C8      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062890	.0035960	.0104382	-.002034	-.000417	1.898449	.0383966
Stddev	.0032230	.0042593	.0009985	.004787	.001091	.001074	.0000884
%RSD	51.24840	118.4437	9.565731	235.4053	261.4451	.0565542	.2301694

#1	.0029004	.0064811	.0114893	-.005526	.000010	1.898619	.0383185
#2	.0066505	.0056029	.0095023	-.003999	.000396	1.899428	.0383788
#3	.0093159	-.001296	.0103230	.003424	-.001658	1.897301	.0384925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004230	.0014789	16.09996	.0014026	.0021766	.0175936	24.11499
Stddev	.0001044	.0000587	.05943	.0006826	.0002670	.0007282	.02664
%RSD	24.68931	3.968069	.3691580	48.66913	12.26609	4.138724	.1104569

#1	.0003041	.0014166	16.13819	.0021087	.0019049	.0184320	24.14201
#2	.0004654	.0015331	16.13020	.0007461	.0024386	.0171187	24.08875
#3	.0004997	.0014869	16.03148	.0013531	.0021863	.0172303	24.11422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.122433	10.99099	.0054020	-.001154	30.71586	.0103099	.0147643
Stddev	.001284	.08390	.0006160	.000154	.13324	.0017301	.0035107
%RSD	.0604926	.7633710	11.40392	13.33439	.4337835	16.78085	23.77803

#1	2.123569	11.04627	.0055058	-.001184	30.79991	.0083178	.0180300
#2	2.121040	10.89444	.0059595	-.000987	30.56224	.0111769	.0152113
#3	2.122691	11.03225	.0047406	-.001290	30.78544	.0114351	.0110515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.852500	-19.3289	.0522588	.0002473	3.679670	17.44735	-.000850
Stddev	.017475	.5488	.0013885	.0001439	.031564	.08490	.001444
%RSD	.4536109	2.839401	2.656877	58.18198	.8578050	.4866185	169.9312

#1	3.843883	-18.7258	.0530737	.0003417	3.643455	17.54485	-.000875
#2	3.841006	-19.4619	.0506556	.0003186	3.694216	17.38972	.000606
#3	3.872610	-19.7991	.0530470	.0000817	3.701339	17.40748	-.002280



Sample Name: I5615-13      Acquired: 10/12/2017 15:44:40      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4C8      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1884981	.0618658	.1669778
Stddev	.0002262	.0001858	.0002714
%RSD	.1199821	.3003072	.1625117

#1	.1887522	.0620441	.1667155
#2	.1883187	.0616733	.1672574
#3	.1884235	.0618801	.1669604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	953.6641	980.7037	48219.84	10916.53	2532.729
Stddev	12.3186	11.6594	173.40	11.29	20.026
%RSD	1.291712	1.188881	.3595991	.1034283	.7906985

#1	956.6982	989.7971	48305.03	10916.42	2550.693
#2	940.1120	984.7549	48020.32	10905.30	2536.356
#3	964.1822	967.5591	48334.16	10927.88	2511.137

Sample Name: I5615-14      Acquired: 10/12/2017 15:48:42      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4C9      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085765	.0003466	.0093753	-.004160	.0009703	1.015709	.0343154
Stddev	.0032881	.0027819	.0016530	.001449	.0013919	.004546	.0000765
%RSD	38.33866	802.5315	17.63161	34.84172	143.4457	.4475896	.2229829

#1	.0107909	-.001877	.0078108	-.003603	.0022290	1.011639	.0342503
#2	.0101401	-.000549	.0111045	-.005805	.0012064	1.014874	.0342961
#3	.0047983	.003466	.0092106	-.003071	-.000525	1.020615	.0343997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002702	.0017160	29.21713	-.000236	.0024098	.0110655	28.22802
Stddev	.0000265	.0000893	.01891	.000560	.0001537	.0005955	.14536
%RSD	9.823721	5.205355	.0647235	237.0994	6.378031	5.381398	.5149645

#1	.0002443	.0016571	29.22362	-.000772	.0023793	.0106986	28.06721
#2	.0002689	.0018188	29.19584	-.000284	.0025765	.0117525	28.26676
#3	.0002973	.0016722	29.23195	.000346	.0022737	.0107452	28.35008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.054179	16.09288	.0026368	-.000753	41.70699	.0053796	.0080797
Stddev	.010879	.06122	.0006974	.000258	.33315	.0009152	.0061413
%RSD	.2683455	.3804399	26.44829	34.21438	.7987895	17.01164	76.00956

#1	4.041924	16.02315	.0032387	-.000983	41.32526	.0043358	.0040226
#2	4.057915	16.11765	.0018726	-.000802	41.93910	.0060445	.0050712
#3	4.062698	16.13784	.0027991	-.000475	41.85660	.0057584	.0151452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.676104	-14.6283	.0554768	.0002084	.6584163	17.35709	-.001118
Stddev	.083096	.3231	.0011578	.0003835	.0112552	.13120	.000347
%RSD	1.777041	2.209005	2.086934	183.9993	1.709430	.7558816	31.04678

#1	4.605710	-14.8184	.0544171	-.000234	.6674142	17.22825	-.000837
#2	4.767768	-14.8114	.0553009	.000451	.6620388	17.49053	-.001506
#3	4.654833	-14.2552	.0567125	.000408	.6457959	17.35248	-.001011

Sample Name: I5615-14      Acquired: 10/12/2017 15:48:42      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4C9      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1032387	.0385135	.2766214
Stddev	.0014872	.0007167	.0006831
%RSD	1.440506	1.860815	.2469556

#1	.1016531	.0382750	.2758848
#2	.1046026	.0393190	.2772341
#3	.1034602	.0379465	.2767453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	895.4211	914.3798	46436.04	10663.50	2379.140
Stddev	7.0414	7.9645	150.67	43.07	13.011
%RSD	.7863806	.8710271	.3244625	.4039208	.5468883

#1	888.5479	921.6601	46390.69	10706.56	2389.678
#2	902.6195	915.6059	46604.18	10620.42	2383.146
#3	895.0960	905.8733	46313.26	10663.52	2364.597

Sample Name: I5615-15      Acquired: 10/12/2017 15:52:47      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ4D0      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154022	-.001740	.0066313	-.006129	-.000143	1.894755	.1155336
Stddev	.0019644	.002949	.0017131	.004840	.000865	.019434	.0003687
%RSD	12.75379	169.5156	25.83310	78.96881	606.1832	1.025683	.3190968

#1	.0131685	-.000635	.0066109	-.004543	.000269	1.878293	.1157196
#2	.0168608	.000498	.0049286	-.002280	-.001136	1.889778	.1151090
#3	.0161772	-.005082	.0083546	-.011562	.000440	1.916193	.1157722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006181	.0051163	59.38699	-.004282	.0104633	.0242429	76.63970
Stddev	.0001669	.0001657	.08452	.000710	.0002227	.0008557	.20645
%RSD	27.00756	3.239119	.1423247	16.58935	2.128630	3.529602	.2693741

#1	.0005326	.0053070	59.29723	-.005031	.0107187	.0233100	76.48383
#2	.0008104	.0050071	59.46506	-.003618	.0103094	.0249911	76.56142
#3	.0005112	.0050349	59.39869	-.004196	.0103619	.0244277	76.87384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58362	33.11607	.0027869	-.003056	25.47284	.0120956	.0145921
Stddev	.04012	.21309	.0008638	.000063	.23198	.0020426	.0011270
%RSD	.3790765	.6434713	30.99557	2.045611	.9107133	16.88691	7.723559

#1	10.53740	32.98502	.0033378	-.003095	25.24022	.0099530	.0143734
#2	10.60411	33.00124	.0017914	-.002984	25.47411	.0123129	.0158124
#3	10.60937	33.36195	.0032316	-.003089	25.70418	.0140208	.0135904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.47329	-22.2376	-.082545	-.001318	.0068609	25.25173	-.000005
Stddev	.09761	.2890	.001733	.000318	.0098764	.17765	.000883
%RSD	.7244357	1.299556	2.099756	24.14324	143.9505	.7035051	18147.22

#1	13.39763	-22.1673	-.080977	-.001604	.0154120	25.09604	-.000903
#2	13.43878	-21.9903	-.084406	-.000975	.0091202	25.21390	.000026
#3	13.58346	-22.5553	-.082253	-.001375	-.003949	25.44524	.000862

Sample Name: I5615-15      Acquired: 10/12/2017 15:52:47      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D0      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2701425	.0014600	.7544956
Stddev	.0019196	.0001979	.0016226
%RSD	.7105881	13.55320	.2150531

#1	.2679476	.0015910	.7534980
#2	.2709717	.0012324	.7536210
#3	.2715081	.0015567	.7563679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.9142	898.7518	45448.50	10494.69	2300.144
Stddev	10.9905	4.3049	131.31	40.59	9.066
%RSD	1.269240	.4789905	.2889241	.3867488	.3941578

#1	863.7699	893.8298	45416.51	10536.18	2292.251
#2	856.1538	901.8155	45336.13	10492.82	2310.046
#3	877.8188	900.6099	45592.85	10455.07	2298.136

Sample Name: I5615-16      Acquired: 10/12/2017 15:56:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ4D1      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087572	.0014202	.0007518	-.003814	-.001777	.2686810	.0249009
Stddev	.0065762	.0040582	.0008817	.003199	.001468	.0040628	.0003064
%RSD	75.09561	285.7552	117.2765	83.89054	82.56311	1.512134	1.230665

#1	.0162629	.0055194	.0005872	-.006986	-.001744	.2713512	.0252437
#2	.0040070	-.002596	-.000036	-.003867	-.003261	.2706864	.0246534
#3	.0060016	.001337	.001704	-.000588	-.000327	.2640054	.0248058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002842	.0020741	7.845104	-.003194	.0112874	.0071199	34.57524
Stddev	.0001054	.0001760	.029166	.000189	.0004460	.0002358	.20647
%RSD	37.09835	8.487610	.3717701	5.925150	3.951490	3.311942	.5971563

#1	.0001624	.0018828	7.828743	-.002990	.0110193	.0073918	34.45382
#2	.0003458	.0022294	7.878778	-.003364	.0110406	.0069725	34.81364
#3	.0003442	.0021099	7.827793	-.003226	.0118023	.0069953	34.45826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.102661	11.01278	.0026414	-.001038	29.66165	.0013889	.0033484
Stddev	.022155	.01275	.0006129	.000276	.05722	.0015992	.0049057
%RSD	.4341786	.1157359	23.20348	26.57049	.1929229	115.1367	146.5113

#1	5.092768	11.02099	.0033484	-.001074	29.70405	-.000328	.0023047
#2	5.128038	10.99810	.0023156	-.001294	29.59656	.001658	-.000952
#3	5.087176	11.01926	.0022602	-.000746	29.68434	.002836	.008692

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9831047	-1.54576	-.015837	-.000604	-.051408	9.244925	-.001253
Stddev	.0372982	.12561	.001300	.000487	.005820	.031937	.000433
%RSD	3.793920	8.125902	8.211004	80.69209	11.32184	.3454556	34.54935

#1	1.003898	-1.51377	-.015100	-.000159	-.056595	9.270651	-.000753
#2	.940045	-1.68427	-.017339	-.000527	-.045114	9.209179	-.001503
#3	1.005371	-1.43924	-.015073	-.001124	-.052515	9.254945	-.001504

Sample Name: I5615-16      Acquired: 10/12/2017 15:56:51      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D1      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0295734	-.000449	.1123034
Stddev	.0001066	.000116	.0002147
%RSD	.3603485	25.88651	.1911785

#1	.0296181	-.000537	.1124692
#2	.0296503	-.000492	.1120609
#3	.0294517	-.000317	.1123802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	919.5571	948.7318	47469.69	10748.64	2490.800
Stddev	2.5896	3.7472	112.45	41.10	7.203
%RSD	.2816146	.3949676	.2368794	.3824155	.2891715

#1	921.9871	952.8067	47550.92	10727.16	2499.109
#2	916.8330	945.4344	47516.79	10796.04	2486.326
#3	919.8513	947.9542	47341.35	10722.73	2486.965

Sample Name: I5615-17      Acquired: 10/12/2017 16:00:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ4D1D      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088532	.0027994	.0019271	-.001573	-.000871	.2677636	.0252193
Stddev	.0064563	.0024743	.0010145	.002390	.001036	.0024117	.0006325
%RSD	72.92688	88.38535	52.64264	151.9307	118.9177	.9006661	2.508177

#1	.0154687	-.000015	.0007897	.000092	-.001109	.2651535	.0248973
#2	.0025688	.003782	.0027387	-.000500	.000263	.2699093	.0248126
#3	.0085220	.004631	.0022529	-.004312	-.001768	.2682280	.0259481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003454	.0023781	7.774727	-.003027	.0107978	.0082041	34.27811
Stddev	.0000127	.0000997	.049885	.000563	.0002244	.0004918	.02415
%RSD	3.688369	4.190776	.6416293	18.58356	2.078313	5.995164	.0704498

#1	.0003597	.0022834	7.817215	-.002614	.0107747	.0085426	34.27899
#2	.0003353	.0023690	7.719799	-.002800	.0105859	.0084297	34.25353
#3	.0003411	.0024821	7.787166	-.003668	.0110329	.0076399	34.30180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017504	10.98569	.0033608	-.001038	29.55403	.0009565	.0061518
Stddev	.011945	.02125	.0000958	.000286	.16674	.0020514	.0066287
%RSD	.2380640	.1933896	2.850621	27.54502	.5641950	214.4782	107.7522

#1	5.030792	11.01014	.0033192	-.001368	29.40098	.0007173	.0058495
#2	5.007659	10.97178	.0032929	-.000860	29.52940	.0031170	.0129264
#3	5.014060	10.97514	.0034704	-.000886	29.73172	-.000965	-.000321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9632320	-1.71185	-.015972	-.000521	-.047813	9.151079	-.000355
Stddev	.0128833	.11798	.001281	.000093	.001479	.029889	.000820
%RSD	1.337502	6.891761	8.021840	17.82426	3.094271	.3266132	230.9390

#1	.9568825	-1.69457	-.014614	-.000620	-.047893	9.180421	-.000812
#2	.9547559	-1.60346	-.017159	-.000506	-.046295	9.120672	.000592
#3	.9780575	-1.83751	-.016143	-.000436	-.049250	9.152144	-.000845



Sample Name: I5615-17      Acquired: 10/12/2017 16:00:57      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D1D      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0289181	-.000495	.1122248
Stddev	.0003798	.000188	.0005175
%RSD	1.313341	37.97395	.4611338

#1	.0288330	-.000646	.1117175
#2	.0293333	-.000285	.1122050
#3	.0285881	-.000556	.1127519

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	903.5764	940.4885	47195.63	10779.46	2474.054
Stddev	5.4004	1.7888	247.63	4.87	3.729
%RSD	.5976666	.1901976	.5246903	.0451759	.1507219

#1	908.8645	938.4649	47263.92	10773.86	2478.352
#2	898.0704	941.1421	46921.02	10781.75	2472.117
#3	903.7942	941.8586	47401.95	10782.75	2471.691

Sample Name: I5615-18      Acquired: 10/12/2017 16:05:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D1S      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478912	.0661240	.0231531	.0504505	.1069817	2.210135	2.317161
Stddev	.0046081	.0010598	.0010038	.0022119	.0006784	.022264	.011340
%RSD	9.621919	1.602781	4.335726	4.384269	.6341466	1.007359	.4894022

#1	.0504343	.0672047	.0230847	.0484049	.1062885	2.231418	2.325577
#2	.0425720	.0660808	.0241893	.0501487	.1076443	2.211983	2.321641
#3	.0506674	.0650864	.0221851	.0527977	.1070124	2.187005	2.304265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530404	.0529170	8.066289	.2108823	.5409611	.2724741	36.35694
Stddev	.0002807	.0001583	.022059	.0002574	.0020228	.0009664	.07182
%RSD	.5292372	.2990535	.2734735	.1220673	.3739227	.3546634	.1975408

#1	.0533351	.0530903	8.050015	.2110778	.5405591	.2728744	36.27687
#2	.0527762	.0528805	8.091396	.2105906	.5391695	.2731759	36.37827
#3	.0530100	.0527802	8.057456	.2109784	.5431546	.2713719	36.41567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.724635	11.21660	.5562668	-.000821	30.21298	.5788842	.4843528
Stddev	.009323	.06255	.0018420	.000287	.10823	.0015689	.0068964
%RSD	.1628576	.5576479	.3311417	34.97180	.3582242	.2710187	1.423847

#1	5.729332	11.28793	.5568564	-.000507	30.28822	.5806676	.4769205
#2	5.713898	11.19076	.5542021	-.000886	30.26179	.5777166	.4855928
#3	5.730676	11.17110	.5577418	-.001070	30.08894	.5782684	.4905452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000061	-1.51564	-.018592	-.000762	-.059628	9.401283	-.000987
Stddev	.047267	.10994	.001056	.000091	.002829	.042572	.000237
%RSD	4.726440	7.253372	5.679195	11.89513	4.744722	.4528306	23.99088

#1	1.018409	-1.62476	-.018790	-.000684	-.057182	9.449013	-.000926
#2	1.035405	-1.40491	-.019535	-.000740	-.062727	9.387601	-.000786
#3	.946371	-1.51726	-.017451	-.000861	-.058975	9.367233	-.001248

Sample Name: I5615-18      Acquired: 10/12/2017 16:05:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D1S      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0288259	-.000218	.1153003
Stddev	.0005994	.000241	.0003932
%RSD	2.079486	110.9936	.3410267

#1	.0288465	-.000495	.1155855
#2	.0294147	-.000055	.1154636
#3	.0282164	-.000102	.1148517

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.8914	967.0326	47810.31	10842.55	2505.394
Stddev	2.5157	6.1207	145.64	34.72	13.558
%RSD	.2705342	.6329396	.3046121	.3202216	.5411413

#1	932.7595	966.3855	47799.20	10808.40	2507.847
#2	928.0583	973.4512	47670.55	10841.43	2517.557
#3	928.8565	961.2612	47961.18	10877.82	2490.776

Sample Name: I5615-16LX5      Acquired: 10/12/2017 16:09:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MJJ4D1L      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000669	.0004564	-.000208	-.002735	.0004790	.0480784	.0048389
Stddev	.006329	.0029164	.001891	.000383	.0011505	.0025189	.0000489
%RSD	946.6640	639.0289	908.3635	14.00171	240.1891	5.239160	1.010588

#1	.005091	-.001829	-.001004	-.003175	-.000385	.0503700	.0047899
#2	-.007444	-.000542	.001951	-.002476	.001785	.0453814	.0048877
#3	.000347	.003741	-.001571	-.002554	.000038	.0484839	.0048392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000919	.0004287	1.485316	-.000398	.0021989	.0019291	6.556525
Stddev	.0000529	.0001331	.014818	.000364	.0003953	.0008056	.057581
%RSD	57.56305	31.03316	.9976014	91.41277	17.97674	41.76013	.8782277

#1	.0001021	.0002785	1.500176	-.000818	.0022848	.0028437	6.490421
#2	.0001389	.0005315	1.485233	-.000188	.0025443	.0013251	6.595765
#3	.0000346	.0004763	1.470541	-.000188	.0017678	.0016184	6.583390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9814953	2.029383	.0004139	-.000170	5.540781	.0012925	-.000140
Stddev	.0057818	.037908	.0002114	.000471	.067799	.0009110	.005280
%RSD	.5890857	1.867947	51.07444	277.0134	1.223630	70.48572	3765.499

#1	.9755049	2.070966	.0005949	-.000697	5.553928	.0015880	-.005117
#2	.9819378	2.020427	.0001816	-.000025	5.601043	.0020191	.005398
#3	.9870432	1.996755	.0004653	.000211	5.467371	.0002704	-.000702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668166	-.266493	-.004373	-.000046	-.018202	1.743995	-.000726
Stddev	.0077026	.196757	.001034	.000251	.000180	.006964	.001748
%RSD	4.617419	73.83187	23.65469	547.0490	.9882120	.3993143	240.8131

#1	.1631274	-.132040	-.003697	-.000246	-.017994	1.739170	.001166
#2	.1756699	-.175117	-.005563	.000236	-.018304	1.751978	-.002282
#3	.1616523	-.492323	-.003857	-.000128	-.018307	1.740835	-.001061

Sample Name: I5615-16LX5      Acquired: 10/12/2017 16:09:07      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D1L      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0055227	.0000389	.0213784
Stddev	.0003678	.0002081	.0000938
%RSD	6.659945	535.0179	.4385965

#1	.0057623	-.000091	.0214837
#2	.0050992	-.000072	.0213475
#3	.0057066	.000279	.0213040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1021.547	1079.721	52386.04	11407.98	2849.512
Stddev	7.030	11.324	158.75	21.49	14.761
%RSD	.6881503	1.048817	.3030395	.1884177	.5180127

#1	1013.454	1069.506	52213.10	11426.48	2836.776
#2	1026.141	1077.759	52525.14	11384.40	2846.069
#3	1025.045	1091.898	52419.88	11413.08	2865.689

Sample Name: I5615-19      Acquired: 10/12/2017 16:13:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D2      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066498	.0033793	.0185931	-.000778	.0008882	2.179790	.0345184
Stddev	.0056105	.0024156	.0020736	.004363	.0011877	.003504	.0003710
%RSD	84.37142	71.48335	11.15237	560.4836	133.7153	.1607324	1.074830

#1	.0112704	.0026946	.0167236	.002749	-.000350	2.182622	.0343778
#2	.0004069	.0060633	.0182323	.000574	.000998	2.180877	.0342383
#3	.0082719	.0013799	.0208234	-.005658	.002017	2.175872	.0349392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002435	.0006146	12.61526	.0023424	.0007047	.0177630	9.279823
Stddev	.0000770	.0000044	.09636	.0004802	.0003616	.0017561	.035599
%RSD	31.62150	.7217428	.7638650	20.50055	51.31899	9.886362	.3836193

#1	.0001772	.0006155	12.72653	.0018405	.0003035	.0162965	9.319052
#2	.0003279	.0006098	12.55922	.0027975	.0008049	.0197091	9.249573
#3	.0002254	.0006185	12.56004	.0023892	.0010056	.0172834	9.270844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.122561	3.959019	.0028206	-.000233	4.601376	.0120924	.0248234
Stddev	.010391	.036583	.0004782	.000167	.022726	.0022374	.0032306
%RSD	.9256428	.9240411	16.95258	71.61487	.4939062	18.50261	13.01449

#1	1.134370	3.955095	.0031258	-.000295	4.576702	.0103758	.0262266
#2	1.114820	3.924556	.0030665	-.000044	4.605975	.0112787	.0211284
#3	1.118492	3.997406	.0022695	-.000360	4.621452	.0146229	.0271152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7462180	-6.94839	-.005731	.0002967	3.721643	10.92946	-.000898
Stddev	.0363339	.16175	.001092	.0002564	.015359	.02556	.001253
%RSD	4.869079	2.327910	19.04561	86.43349	.4126889	.2338822	139.5155

#1	.7097582	-6.77676	-.004508	.0000558	3.724308	10.93152	.000016
#2	.7464712	-6.97039	-.006605	.0005663	3.705125	10.90292	-.000384
#3	.7824247	-7.09802	-.006081	.0002680	3.735494	10.95392	-.002327

Sample Name: I5615-19      Acquired: 10/12/2017 16:13:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MJJ4D2      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2361992	.0012707	.0961913
Stddev	.0005225	.0002274	.0002831
%RSD	.2212025	17.89526	.2943291

#1	.2361202	.0012683	.0962555
#2	.2357208	.0014992	.0958815
#3	.2367567	.0010445	.0964367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.5323	985.2848	49633.33	11037.30	2639.581
Stddev	6.1407	11.9476	133.31	29.08	23.006
%RSD	.6359950	1.212599	.2685926	.2634276	.8715944

#1	963.3750	991.2942	49753.10	11048.45	2652.596
#2	972.4606	993.0346	49657.18	11059.15	2653.130
#3	960.7613	971.5256	49489.70	11004.30	2613.017

Sample Name: I5590-01A      Acquired: 10/12/2017 16:17:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AF8A      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289021	.0382849	2.545942	.0761334	.1640621	111.0915	1.440130
Stddev	.0045754	.0050943	.014599	.0015743	.0012495	.2491	.001954
%RSD	15.83060	13.30631	.5734219	2.067769	.7616055	.2241858	.1356980

#1	.0236839	.0441117	2.554907	.0770403	.1638725	111.2460	1.438531
#2	.0307953	.0346726	2.529096	.0770444	.1653956	110.8042	1.439551
#3	.0322269	.0360704	2.553823	.0743156	.1629183	111.2243	1.442308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090977	.0415088	37.16807	.3651662	.1102723	2.603861	423.7135
Stddev	.0003050	.0005792	.46547	.0011349	.0009097	.002387	.8315
%RSD	3.352993	1.395339	1.252346	.3107893	.8249958	.0916858	.1962452

#1	.0092595	.0410956	36.66850	.3654968	.1110815	2.606617	423.2482
#2	.0087458	.0412599	37.58957	.3639028	.1092876	2.602424	424.6736
#3	.0092877	.0421708	37.24614	.3660991	.1104478	2.602542	423.2189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.247230	47.17210	.4023291	-.011449	2.099887	.4047679	8.077778
Stddev	.021218	.12256	.0013860	.000131	.032430	.0016275	.042144
%RSD	.2294507	.2598148	.3444998	1.145573	1.544378	.4020846	.5217246

#1	9.252364	47.13591	.4008527	-.011598	2.131357	.4063868	8.112231
#2	9.265410	47.30868	.4025324	-.011395	2.066575	.4031319	8.090316
#3	9.223917	47.07171	.4036023	-.011353	2.101730	.4047850	8.030789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.37058	-212.230	-.657428	.0178945	2.902906	14.96595	.1442842
Stddev	.01854	1.327	.001663	.0005462	.031958	.08389	.0022287
%RSD	.1009055	.6254725	.2529429	3.052594	1.100909	.5605644	1.544660

#1	18.39196	-211.746	-.655513	.0178258	2.868073	14.86942	.1466212
#2	18.35894	-213.732	-.658506	.0184719	2.930875	15.02126	.1440489
#3	18.36085	-211.213	-.658265	.0173859	2.909769	15.00716	.1421824



Sample Name: I5590-01A      Acquired: 10/12/2017 16:17:23      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AF8A      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.043096	.1115011	.2274497
Stddev	.014457	.0007360	.0004124
%RSD	.2866681	.6601017	.1813268

#1	5.050548	.1119086	.2275646
#2	5.052307	.1106515	.2277925
#3	5.026434	.1119433	.2269920

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.7178	960.1727	49701.06	11174.49	2186.812
Stddev	6.9064	5.6039	250.96	41.32	8.842
%RSD	.7501079	.5836386	.5049341	.3697789	.4043369

#1	912.8486	954.8285	49475.45	11134.80	2179.031
#2	923.5321	959.6849	49656.38	11171.39	2184.978
#3	925.7727	966.0045	49971.36	11217.26	2196.427

Sample Name: I5344-19ARE      Acquired: 10/12/2017 16:32:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METN74A      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005609	.0015679	.0049606	.0010980	.0233053	.0492200
Stddev	.0001648	.0001726	.0002958	.0002999	.0001455	.0005749
%RSD	29.37253	11.00696	5.962948	27.31491	.6245337	1.168050

#1	.0007469	.0016310	.0046257	.0008354	.0231769	.0494819
#2	.0005026	.0016999	.0051863	.0010338	.0234634	.0485608
#3	.0004333	.0013726	.0050697	.0014249	.0232755	.0496174

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.243616	-.001458	-.000438	3.319741	.0007411	-.001482
Stddev	.002093	.000150	.000162	.016179	.0000508	.000481
%RSD	.1683100	10.26029	36.86451	.4873713	6.854526	32.45914

#1	1.241511	-.001289	-.000587	3.323763	.0007887	-.000962
#2	1.243642	-.001510	-.000462	3.333530	.0007469	-.001571
#3	1.245697	-.001575	-.000266	3.301930	.0006876	-.001911

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0015559	.0010807	.0003889	.0000210	-.000831	-.000344
Stddev	.0000851	.0000869	.0001365	.0000023	.000229	.000019
%RSD	5.466866	8.037475	35.09954	10.98676	27.48611	5.420008

#1	.0016536	.0011728	.0004579	.0000186	-.000619	-.000362
#2	.0015155	.0010003	.0002317	.0000233	-.000802	-.000344
#3	.0014985	.0010692	.0004772	.0000210	-.001073	-.000325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3405463	.0004536	.0009439	1.253294	-.000376	.0098689
Stddev	.0012103	.0001890	.0006098	.010769	.000105	.0001164
%RSD	.3553911	41.67024	64.60807	.8592766	27.93783	1.179776

#1	.3416103	.0002425	.0002423	1.256057	-.000258	.0098908
#2	.3392297	.0006071	.0012422	1.241412	-.000414	.0099728
#3	.3407990	.0005112	.0013471	1.262412	-.000457	.0097431

Sample Name: I5344-19ARE      Acquired: 10/12/2017 16:32:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: METN74A      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1769425	.1830866	.2715976	.0000314	.0006015	.7726477
Stddev	.0011216	.0011968	.0007285	.0002127	.0001035	.0059950
%RSD	.6338924	.6536915	.2682306	678.2099	17.21408	.7759035
#1	.1758196	.1834250	.2722852	-.000160	.0006417	.7726681
#2	.1780628	.1840778	.2716735	-.000006	.0004838	.7666425
#3	.1769449	.1817570	.2708341	.000260	.0006788	.7786324

Elem	Sr4077
Units	Cts/S
Avg	10.57363
Stddev	.02614
%RSD	.2471872
#1	10.57170
#2	10.54852
#3	10.60068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	897.3382	934.4253	45473.58	10693.53	2266.214
Stddev	9.1182	6.6029	191.56	29.96	1.734
%RSD	1.016135	.7066322	.4212493	.2801397	.0765284
#1	904.9581	941.5215	45645.20	10687.90	2267.219
#2	899.8206	928.4622	45508.62	10725.90	2264.211
#3	887.2359	933.2922	45266.92	10666.78	2267.212

Sample Name: CCV052      Acquired: 10/12/2017 17:00:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV052      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919874	4.582343	23.13530	4.755695	4.845623	390.7427
Stddev	.035932	.021767	.01945	.011919	.015173	.7167
%RSD	.7303401	.4750094	.0840603	.2506165	.3131202	.1834142

#1	4.878601	4.567214	23.12859	4.752424	4.831958	390.7601
#2	4.936832	4.572526	23.12010	4.768907	4.842961	391.4505
#3	4.944188	4.607289	23.15722	4.745753	4.861951	390.0175

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.891091	.5170526	2.471003	389.2903	14.67199	2.408158
Stddev	.030136	.0023447	.005095	1.5212	.04948	.002744
%RSD	.3046785	.4534718	.2062007	.3907729	.3372745	.1139620

#1	9.861917	.5154653	2.469630	389.2086	14.70917	2.408140
#2	9.889251	.5197457	2.466735	387.8115	14.69098	2.405423
#3	9.922104	.5159469	2.476644	390.8507	14.61583	2.410912

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13404	392.0344	14.66982	391.6100	2.405212	1.260971
Stddev	.07699	2.2890	.10575	1.1239	.002787	.005669
%RSD	.5087207	.5838870	.7208467	.2869964	.1158793	.4495834

#1	15.15440	391.9240	14.69367	391.6385	2.402155	1.265717
#2	15.19881	389.8026	14.55419	390.4721	2.405869	1.254694
#3	15.04892	394.3767	14.76161	392.7194	2.407612	1.262502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.7801	2.486885	13.97500	150.0250	F 5.510748	F 4.417882
Stddev	.8594	.003652	.25282	.6622	.292379	.016131
%RSD	.2239406	.1468419	1.809094	.4413866	5.305613	.3651297

#1	384.5313	2.484409	13.94368	149.9831	5.507231	4.399973
#2	383.9661	2.485168	13.73930	150.7072	5.220143	4.431271
#3	382.8429	2.491079	14.24203	149.3848	5.804869	4.422402

Sample Name: CCV052      Acquired: 10/12/2017 17:00:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV052      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839246	4.933604	4.969852	4.943984	4.882570	4.946713
Stddev	.009187	.006195	.028483	.017161	.016242	.036572
%RSD	.1898534	.1255683	.5731195	.3471026	.3326557	.7393192
#1	4.837258	4.928085	4.943425	4.930560	4.894231	4.946870
#2	4.831216	4.932423	5.000022	4.938073	4.864019	4.983206
#3	4.849265	4.940305	4.966110	4.963319	4.889461	4.910063

Elem	Sr4077
Units	ppm
Avg	4.949450
Stddev	.038671
%RSD	.7813195
#1	4.906152
#2	4.980555
#3	4.961643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.6003	869.6653	42520.23	10064.77	1817.634
Stddev	7.3512	1.9290	142.94	17.91	4.172
%RSD	.8839857	.2218102	.3361810	.1779383	.2295293
#1	831.9043	871.6813	42460.89	10085.39	1821.804
#2	838.7948	867.8371	42683.29	10053.17	1813.460
#3	824.1018	869.4774	42416.52	10055.74	1817.640

Sample Name: CCB052      Acquired: 10/12/2017 17:04:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB052      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021065	.0018221	-.000103	.0015086	.0002116	.0372864
Stddev	.0059116	.0022550	.000639	.0017349	.0004259	.0097532
%RSD	280.6368	123.7565	619.4740	115.0038	201.3363	26.15741

#1	.0005955	.0014598	-.000093	-.000285	.0006567	.0478068
#2	-.002903	.0042363	.000531	.001632	.0001701	.0355069
#3	.008627	-.000230	-.000747	.003179	-.000192	.0285455

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006109	.0000393	.0000412	.0300141	.0014202	.0000147
Stddev	.0004061	.0000328	.0001168	.0201048	.0002666	.0002413
%RSD	66.47676	83.52119	283.3996	66.98461	18.76941	1637.294

#1	.0010712	.0000051	-.000002	.0516459	.0015061	.0001213
#2	.0003033	.0000706	.000173	.0264955	.0011213	.0001845
#3	.0004581	.0000422	-.000048	.0119008	.0016332	-.000262

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022635	.0348313	.0012263	.0415584	.0001915	.0001726
Stddev	.0007782	.0103027	.0001477	.0105152	.0002912	.0001218
%RSD	34.37997	29.57878	12.04165	25.30225	152.0484	70.56824

#1	.0024201	.0467225	.0012962	.0535350	.0004412	.0000878
#2	.0029515	.0291935	.0013261	.0338406	.0002615	.0003122
#3	.0014189	.0285779	.0010567	.0372997	-.000128	.0001179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299862	-.000135	.0017199	.0187198	F .0497920	.0093033
Stddev	.0399007	.000493	.0029920	.0311725	.2010538	.0004851
%RSD	133.0634	365.7514	173.9593	166.5211	403.7870	5.213743

#1	.0403618	-.000091	.0049403	.0439187	-.181039	.0091617
#2	.0636741	.000335	.0011932	.0283798	.186665	.0098434
#3	-.014077	-.000648	-.000974	-.016139	.143750	.0089048

Sample Name: CCB052      Acquired: 10/12/2017 17:04:43      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB052      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005720	-.008401	-.000010	-.000992	.0005080	.0008652
Stddev	.0003156	.002600	.000689	.000768	.0001846	.0003109
%RSD	55.17949	30.95178	6757.324	77.47378	36.32915	35.93101
#1	.0009308	-.010662	-.000420	-.001776	.0003080	.0011035
#2	.0004481	-.008982	.000786	-.000240	.0005443	.0005136
#3	.0003371	-.005560	-.000396	-.000960	.0006717	.0009786

Elem	Sr4077
Units	ppm
Avg	.0004635
Stddev	.0001444
%RSD	31.14810
#1	.0006186
#2	.0004387
#3	.0003331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.639	1119.337	54530.91	11540.00	2963.749
Stddev	4.401	5.357	26.58	28.72	14.135
%RSD	.4107028	.4785990	.0487392	.2488914	.4769254
#1	1068.125	1123.611	54500.22	11569.35	2963.104
#2	1070.217	1113.327	54546.63	11538.70	2949.948
#3	1076.576	1121.073	54545.88	11511.95	2978.195

Sample Name: PB103208BL      Acquired: 10/12/2017 17:52:45      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003241	.0018334	.0002371	.0007296	.0018943	.0021899	.0001665
Stddev	.0014650	.0018518	.0005935	.0004416	.0018943	.0030005	.0001662
%RSD	452.0806	101.0029	250.2707	60.53148	99.99804	137.0151	99.86030

#1	.0020154	.0039647	.0008814	.0008491	.0004373	.0047938	-.000002
#2	-.000551	.0006180	.0001172	.0002405	.0012099	.0028672	.000331
#3	-.000492	.0009176	-.000287	.0010992	.0040357	-.001091	.000170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	-.000065	.0145872	.0004274	-.000206	.0005066	.0002421
Stddev	.000073	.000093	.0043671	.0005477	.000197	.0003904	.0026899
%RSD	83.12312	141.9282	29.93800	128.1301	96.04041	77.06007	1111.192

#1	-.000158	-.000081	.0194359	-.000109	-.000131	.0002766	.0029168
#2	-.000094	.000034	.0133622	.000986	-.000429	.0009574	-.002463
#3	-.000012	-.000149	.0109634	.000405	-.000056	.0002859	.000272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000594	-.012368	.0001826	.0003944	-.001490	-.000384	-.003930
Stddev	.000211	.015614	.0001973	.0002313	.068721	.001011	.001931
%RSD	35.56371	126.2387	108.0610	58.64726	4612.315	263.4302	49.13139

#1	-.000366	.003453	.0003936	.0004099	-.072896	-.001142	-.003889
#2	-.000782	-.012793	.0001513	.0001557	.064186	.000764	-.002020
#3	-.000634	-.027766	.0000028	.0006175	.004240	-.000774	-.005880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013719	.0092245	-.000577	.0003179	.0030888	-.000296	-.000990
Stddev	.016721	.1411601	.000889	.0002457	.0039294	.000652	.000805
%RSD	121.8760	1530.281	154.0714	77.28603	127.2155	220.3743	81.26964

#1	-.029003	.0590190	-.001593	.0004001	.0073825	.000343	-.000107
#2	-.016295	.1187390	-.000191	.0000417	.0022123	-.000961	-.001182
#3	.004140	-.150085	.000054	.0005120	-.000328	-.000269	-.001682



Sample Name: PB103208BL      Acquired: 10/12/2017 17:52:45      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000104	-.000197	.0000560
Stddev	.000155	.000185	.0000219
%RSD	149.1705	93.91743	39.08845

#1	.000040	-.000006	.0000732
#2	-.000269	-.000376	.0000634
#3	-.000084	-.000209	.0000313

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1077.981	1132.071	54639.10	11561.43	2958.369
Stddev	3.728	4.610	181.43	33.31	1.766
%RSD	.3458209	.4071743	.3320532	.2880754	.0596970

#1	1082.285	1132.714	54841.47	11523.05	2957.920
#2	1075.803	1127.173	54490.97	11582.70	2956.872
#3	1075.854	1136.325	54584.87	11578.55	2960.317

Sample Name: PB103208BS      Acquired: 10/12/2017 17:56:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0267511	.0619670	.0254304	.0780885	.1283623	.3990844
Stddev	.0053209	.0015211	.0013151	.0022520	.0011689	.0015161
%RSD	19.89022	2.454658	5.171486	2.883872	.9106078	.3798996

#1	.0312793	.0624772	.0265745	.0759909	.1278257	.4006724
#2	.0280834	.0602564	.0239935	.0778064	.1275580	.3976523
#3	.0208908	.0631674	.0257231	.0804683	.1297031	.3989284

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4750590	.0127733	.0116306	9.868743	.0239367	.1029283
Stddev	.0022593	.0001682	.0002813	.081549	.0008754	.0004297
%RSD	.4755751	1.316546	2.418839	.8263392	3.657127	.4174612

#1	.4731690	.0127740	.0118468	9.959905	.0243183	.1033183
#2	.4744468	.0129412	.0117326	9.843595	.0245566	.1029989
#3	.4775613	.0126048	.0113125	9.802730	.0229353	.1024677

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515113	.2353095	.0347806	10.82507	.0891108	.0215329
Stddev	.0007303	.0043240	.0007898	.06826	.0004817	.0002476
%RSD	1.417753	1.837582	2.270802	.6305979	.5405583	1.149648

#1	.0523299	.2343845	.0356388	10.83187	.0893315	.0216163
#2	.0509267	.2315229	.0340844	10.75366	.0894427	.0212545
#3	.0512772	.2400212	.0346185	10.88967	.0885583	.0217280

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15364	.1148449	.1146764	9.971416	F -1.36542	F .0232396
Stddev	.07258	.0005351	.0026762	.085071	.03170	.0008696
%RSD	.7148151	.4659123	2.333655	.8531534	2.321891	3.741902

#1	10.08949	.1142390	.1148037	9.895390	-1.33116	.0223881
#2	10.13901	.1150433	.1172865	9.955557	-1.37139	.0232043
#3	10.23242	.1152524	.1119388	10.06330	-1.39372	.0241263

Sample Name: PB103208BS      Acquired: 10/12/2017 17:56:55      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251978	.1869729	.2256586	F .0142737	.2125514	.1026399
Stddev	.0005839	.0066542	.0016507	.0008628	.0019300	.0011712
%RSD	2.317275	3.558931	.7314970	6.044662	.9080121	1.141087
#1	.0251785	.1792977	.2240657	.0133340	.2145244	.1013877
#2	.0257911	.1904981	.2273616	.0144567	.2106675	.1028235
#3	.0246238	.1911229	.2255486	.0150302	.2124622	.1037084

Elem	Sr4077
Units	ppm
Avg	.2359788
Stddev	.0003664
%RSD	.1552839
#1	.2357668
#2	.2357676
#3	.2364019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.378	1016.843	50381.26	11197.92	2647.552
Stddev	2.187	11.801	123.83	28.55	14.886
%RSD	.2177258	1.160551	.2457835	.2549992	.5622442
#1	1002.150	1028.110	50385.73	11209.36	2663.761
#2	1006.521	1017.847	50502.80	11218.98	2644.400
#3	1004.463	1004.572	50255.26	11165.42	2634.494

Sample Name: I5783-01      Acquired: 10/12/2017 18:01:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954038	-.000848	7.246757	.0086227	.0038428	49.15993	3.211121
Stddev	.0032304	.002050	.121319	.0011550	.0018489	.78150	.047967
%RSD	3.386025	241.7414	1.674115	13.39490	48.11260	1.589712	1.493789

#1	.0943751	-.002674	7.142724	.0078791	.0025222	48.25774	3.155737
#2	.0928131	-.001240	7.217525	.0080358	.0030503	49.62800	3.239371
#3	.0990233	.001370	7.380021	.0099533	.0059558	49.59405	3.238255

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047322	.0232156	154.8127	.3034641	.2024930	1.912469	115.6165
Stddev	.0000850	.0004571	2.4863	.0002786	.0040193	.027951	1.8236
%RSD	1.796843	1.968853	1.605993	.0918141	1.984911	1.461527	1.577266

#1	.0048267	.0231394	152.2287	.3036069	.1985409	1.880618	113.5217
#2	.0047078	.0228013	155.0213	.3031430	.2023618	1.932916	116.4790
#3	.0046620	.0237059	157.1882	.3036423	.2065763	1.923872	116.8488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.491325	21.74393	.1715735	-.002792	4.924377	.3449987	4.086937
Stddev	.044105	.35801	.0031831	.000454	.065910	.0063252	.022483
%RSD	1.770353	1.646476	1.855244	16.27296	1.338446	1.833407	.5501117

#1	2.440705	21.33136	.1691970	-.003270	4.878576	.3399848	4.098804
#2	2.511787	21.97278	.1703334	-.002366	4.999916	.3429064	4.061007
#3	2.521482	21.92766	.1751900	-.002738	4.894638	.3521050	4.100999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.112054	-233.463	-.080749	.0127356	12.29357	4.667966	.6427684
Stddev	.125810	2.507	.001397	.0005697	.18807	.071327	.0119871
%RSD	2.058394	1.073992	1.730472	4.472898	1.529821	1.528002	1.864911

#1	5.976039	-231.836	-.079613	.0125818	12.11457	4.593208	.6338231
#2	6.224257	-232.203	-.082310	.0122587	12.27658	4.675413	.6380936
#3	6.135865	-236.351	-.080325	.0133664	12.48956	4.735277	.6563885

Sample Name: I5783-01      Acquired: 10/12/2017 18:01:02      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.889185	.1029960	.9473744
Stddev	.028645	.0020842	.0143784
%RSD	1.516256	2.023583	1.517714

#1	1.857575	.1006761	.9307738
#2	1.896555	.1047104	.9554394
#3	1.913425	.1036015	.9559100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	940.3006	972.2538	49802.51	11160.12	2218.319
Stddev	5.2839	15.3339	231.30	101.38	34.588
%RSD	.5619389	1.577153	.4644382	.9084370	1.559206

#1	934.2000	986.3892	49536.09	11272.60	2249.408
#2	943.2635	974.4204	49919.51	11075.77	2224.488
#3	943.4381	955.9518	49951.95	11131.99	2181.062

Sample Name: I5783-02      Acquired: 10/12/2017 18:05:03      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486652	-.002883	4.180165	-.000487	.0026592	55.36022	4.158040
Stddev	.0043179	.003021	.010097	.002370	.0002444	.19298	.016526
%RSD	8.872719	104.7970	.2415440	487.0190	9.190487	.3485841	.3974571

#1	.0448358	-.002144	4.179540	.001719	.0024747	55.58305	4.174984
#2	.0533451	-.006204	4.170395	-.002992	.0025665	55.24981	4.157172
#3	.0478147	-.000299	4.190560	-.000186	.0029364	55.24780	4.141965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055211	.0163329	287.6008	.2211699	.1019673	1.181842	67.78827
Stddev	.0001503	.0004135	.8601	.0008513	.0008214	.008724	.08384
%RSD	2.722879	2.531907	.2990459	.3848878	.8055282	.7381992	.1236747

#1	.0056305	.0161262	288.3412	.2221158	.1013009	1.191621	67.83620
#2	.0055832	.0168091	286.6574	.2204656	.1017161	1.179046	67.69147
#3	.0053497	.0160636	287.8038	.2209281	.1028849	1.174858	67.83715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.994677	55.12346	.0922856	-.000844	5.113715	.1676403	2.482183
Stddev	.003196	.36922	.0009473	.000160	.159332	.0028828	.021774
%RSD	.1602136	.6697991	1.026448	18.96182	3.115779	1.719616	.8772125

#1	1.998258	55.54879	.0912297	-.001029	5.267857	.1708204	2.504215
#2	1.992115	54.93619	.0930606	-.000768	4.949656	.1669021	2.460676
#3	1.993657	54.88541	.0925667	-.000737	5.123631	.1651985	2.481656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.970961	-142.127	.0079015	.0052107	8.958091	8.895238	.1737430
Stddev	.063886	.539	.0019090	.0006194	.059029	.130744	.0014370
%RSD	.9164538	.3795164	24.15935	11.88751	.6589448	1.469824	.8270753

#1	7.043274	-142.107	.0084936	.0047929	8.899254	9.046124	.1744659
#2	6.922175	-142.676	.0057666	.0049168	8.957708	8.815424	.1746750
#3	6.947434	-141.597	.0094442	.0059224	9.017310	8.824165	.1720881

Sample Name: I5783-02      Acquired: 10/12/2017 18:05:03      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.120952	.0930740	1.144329
Stddev	.006889	.0008058	.004078
%RSD	.3247915	.8658039	.3563963

#1	2.126536	.0938933	1.148932
#2	2.113254	.0930462	1.142886
#3	2.123067	.0922824	1.141168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.3330	1048.947	52312.50	11860.91	2126.045
Stddev	11.8184	9.734	396.48	91.72	12.590
%RSD	1.184996	.9279906	.7579016	.7733153	.5921834

#1	988.4711	1037.708	51875.87	11762.71	2111.601
#2	992.7764	1054.734	52411.62	11875.65	2134.698
#3	1010.751	1054.397	52650.02	11944.37	2131.835

Sample Name: CCV053      Acquired: 10/12/2017 18:09:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV053      Custom ID2:      Custom ID3:  
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056635	4.579910	22.84052	4.899421	4.978116	392.1572
Stddev	.003070	.032663	.15299	.025358	.031482	1.2152
%RSD	.0607146	.7131884	.6698239	.5175648	.6324116	.3098840

#1	5.053648	4.550998	22.83278	4.870492	4.948105	393.3264
#2	5.056475	4.615341	22.99724	4.909966	5.010888	390.9006
#3	5.059781	4.573390	22.69155	4.917804	4.975356	392.2446

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.874893	.5085675	2.418464	377.8672	14.28157	2.378805
Stddev	.214567	.0062895	.014992	2.7327	.09531	.011084
%RSD	2.172851	1.236719	.6198899	.7231945	.6673908	.4659464

#1	10.12171	.5144969	2.416427	380.8847	14.35373	2.373715
#2	9.73275	.5019710	2.434371	375.5591	14.17352	2.391519
#3	9.77023	.5092345	2.404595	377.1579	14.31746	2.371180

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.29635	389.2602	14.52609	389.5171	2.382591	1.232539
Stddev	.02911	2.5747	.08214	2.0013	.015001	.001879
%RSD	.1902742	.6614282	.5654953	.5137812	.6296161	.1524609

#1	15.31829	392.0348	14.60684	391.6548	2.375900	1.234162
#2	15.26333	386.9482	14.44262	387.6882	2.399773	1.232975
#3	15.30742	388.7975	14.52882	389.2084	2.372099	1.230480

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	385.6245	2.466029	14.05684	151.8018	F 5.577185	F 4.371549
Stddev	.9240	.021479	.05546	.2680	.251899	.058428
%RSD	.2395993	.8710136	.3945296	.1765349	4.516596	1.336563

#1	385.6849	2.490244	14.03378	152.0020	5.867856	4.423506
#2	384.6718	2.449274	14.12011	151.4973	5.422594	4.308298
#3	386.5168	2.458570	14.01663	151.9059	5.441105	4.382842



Sample Name: CCV053      Acquired: 10/12/2017 18:09:04      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV053      Custom ID2:      Custom ID3:  
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880856	4.862478	4.930236	4.906585	4.849429	5.006906
Stddev	.020987	.030248	.056471	.016244	.021134	.015645
%RSD	.4299883	.6220695	1.145392	.3310703	.4357959	.3124654

#1	4.860705	4.831828	4.987292	4.887829	4.866963	4.992794
#2	4.902590	4.892307	4.874370	4.915753	4.825963	5.004195
#3	4.879274	4.863299	4.929046	4.916173	4.855360	5.023729

Elem	Sr4077
Units	ppm
Avg	4.931482
Stddev	.045096
%RSD	.9144508

#1	4.983170
#2	4.900170
#3	4.911107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	812.5748	838.6085	42103.66	10027.64	1777.027
Stddev	5.9260	3.1966	107.56	74.93	6.753
%RSD	.7292871	.3811827	.2554678	.7472797	.3800004

#1	812.5000	842.1951	42184.53	9941.38	1782.161
#2	806.6866	836.0598	41981.59	10064.83	1769.378
#3	818.5379	837.5706	42144.86	10076.70	1779.543

Sample Name: CCB053      Acquired: 10/12/2017 18:13:12      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB053      Custom ID2:      Custom ID3:  
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000278	.0027315	-.000326	.0003471	-.000819	.0350740	-.000066
Stddev	.003957	.0026400	.001285	.0018351	.000490	.0091349	.000236
%RSD	1420.936	96.64948	393.9332	528.7802	59.77501	26.04464	359.8540

#1	-.001193	.0034569	-.000194	.0002090	-.001326	.0447204	-.000094
#2	-.003697	.0049330	.000888	.0022473	-.000782	.0339462	.000183
#3	.004055	-.000195	-.001672	-.001415	-.000349	.0265553	-.000286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000038	.0001152	.0240534	.0008758	-.000135	.0018034	.0328562
Stddev	.0001266	.0000831	.0139764	.0004716	.000097	.0004632	.0116710
%RSD	3298.657	72.12441	58.10562	53.84923	72.16842	25.68227	35.52145

#1	-.000049	.0002057	.0234555	.0014179	-.000227	.0023151	.0449477
#2	-.000088	.0000425	.0383191	.0006498	-.000145	.0014129	.0319641
#3	.000148	.0000973	.0103856	.0005597	-.000033	.0016822	.0216569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008212	.0372452	.0005790	.0003898	-.021971	-.000132	.0033690
Stddev	.0006953	.0269804	.0002584	.0002549	.042262	.000433	.0036390
%RSD	84.65862	72.43972	44.62745	65.39979	192.3512	327.2173	108.0154

#1	.0014962	.0429442	.0008595	.0002929	-.009648	-.000629	.0021176
#2	.0008603	.0078707	.0003508	.0006789	.012759	.000165	.0005208
#3	.0001073	.0609209	.0005266	.0001975	-.069025	.000068	.0074686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078649	-.010186	.0080083	.0006355	-.014340	.0037446	.0002637
Stddev	.0075887	.114964	.0003341	.0000587	.002376	.0004952	.0017814
%RSD	96.48853	1128.664	4.171665	9.228836	16.56885	13.22562	675.4492

#1	.0034620	.061969	.0079206	.0006105	-.017081	.0041872	.0006072
#2	.0035051	-.142762	.0083775	.0007026	-.012887	.0032097	.0018484
#3	.0166276	.050236	.0077269	.0005936	-.013050	.0038368	-.001664

Sample Name: CCB053      Acquired: 10/12/2017 18:13:12      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v217)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB053      Custom ID2:      Custom ID3:  
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003512	.0008152	.0004441
Stddev	.0006289	.0001969	.0000897
%RSD	179.0736	24.15364	20.19602

#1	.0010343	.0010376	.0005374
#2	-.000204	.0006632	.0004364
#3	.000223	.0007447	.0003585

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.532	1070.439	53323.43	11477.99	2863.706
Stddev	11.651	3.533	652.91	37.70	18.905
%RSD	1.139389	.3300949	1.224431	.3284431	.6601708

#1	1021.350	1071.493	53353.30	11435.18	2878.536
#2	1011.518	1066.498	52656.11	11492.60	2842.418
#3	1034.729	1073.325	53960.90	11506.20	2870.165