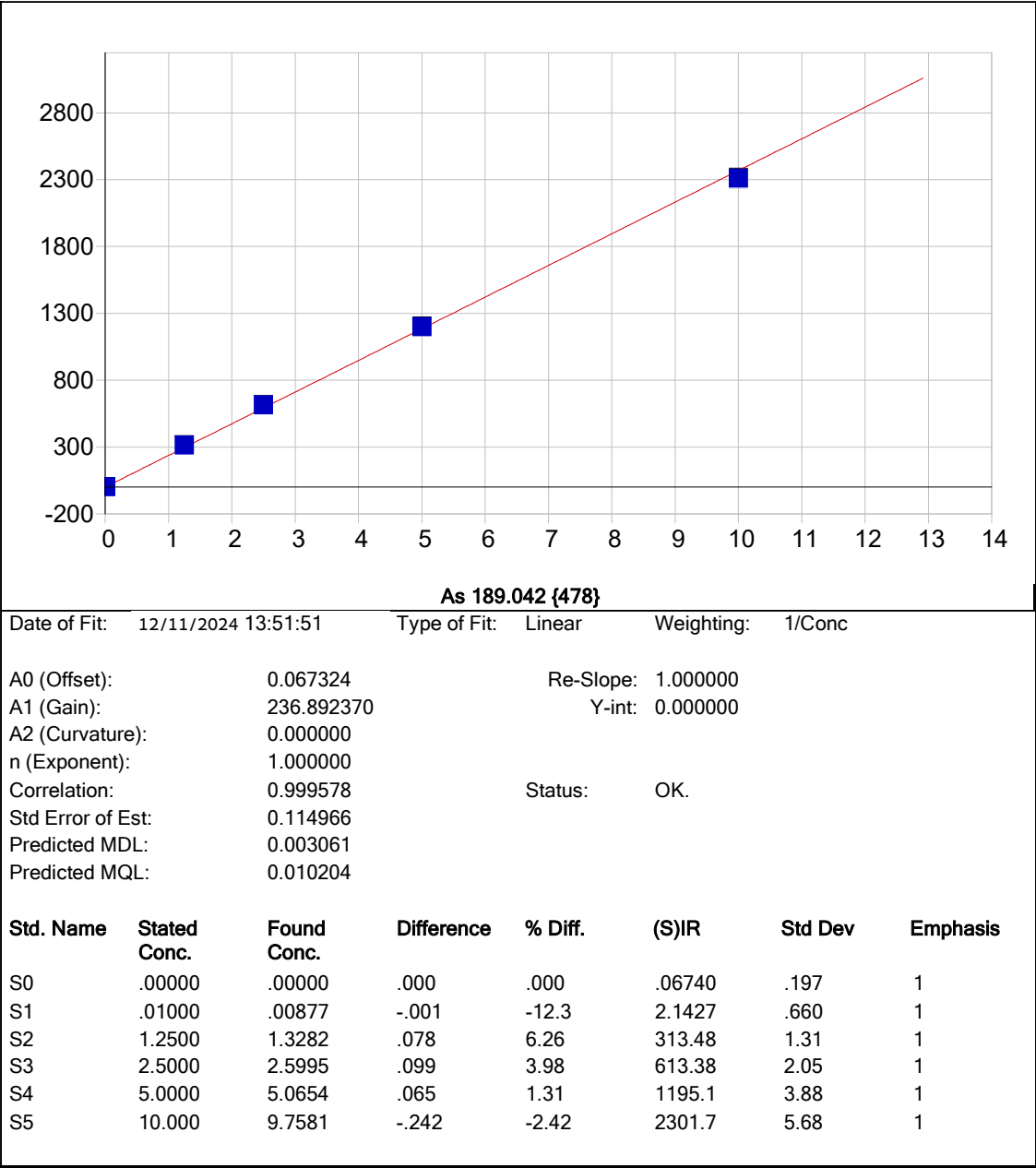
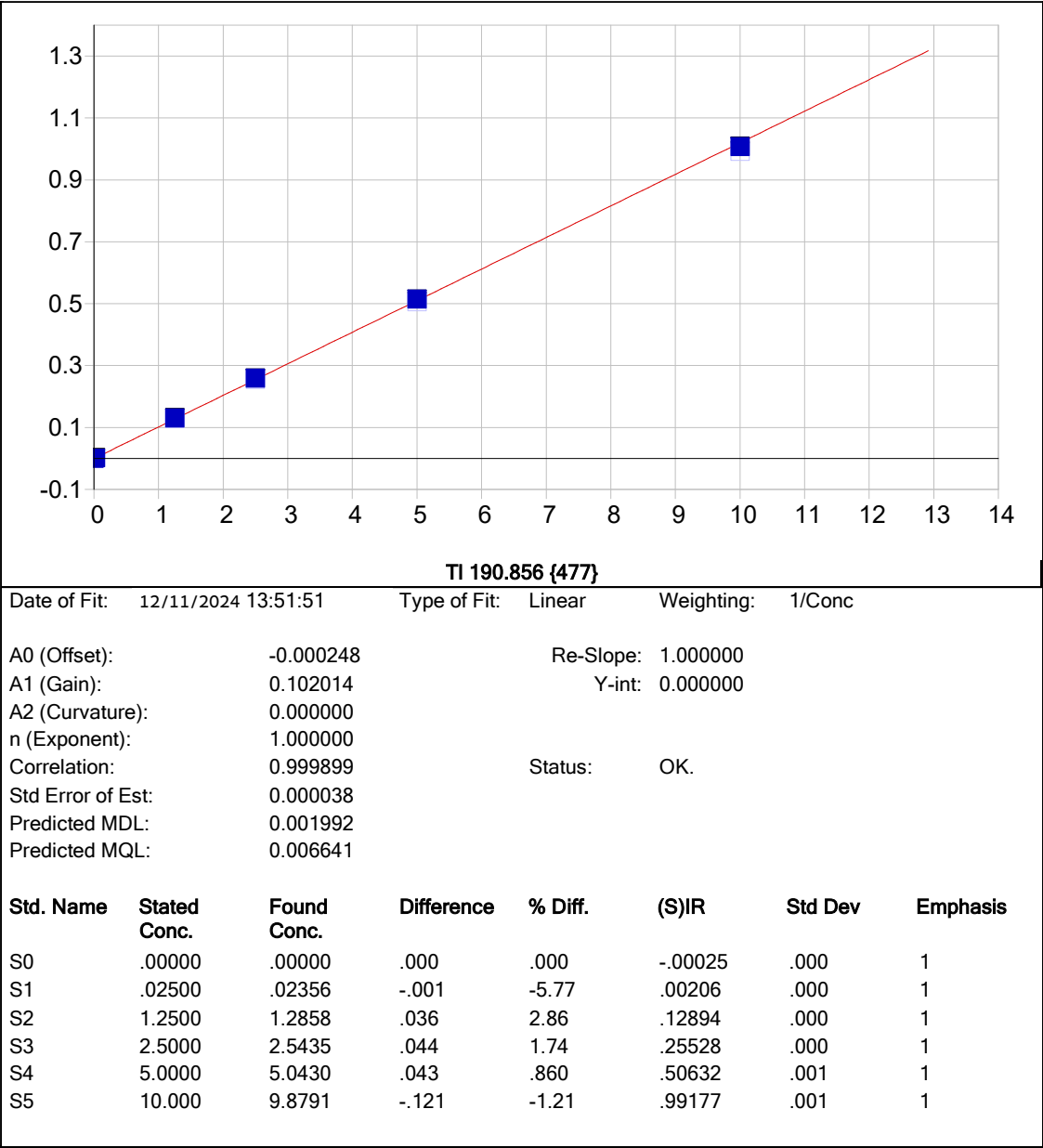
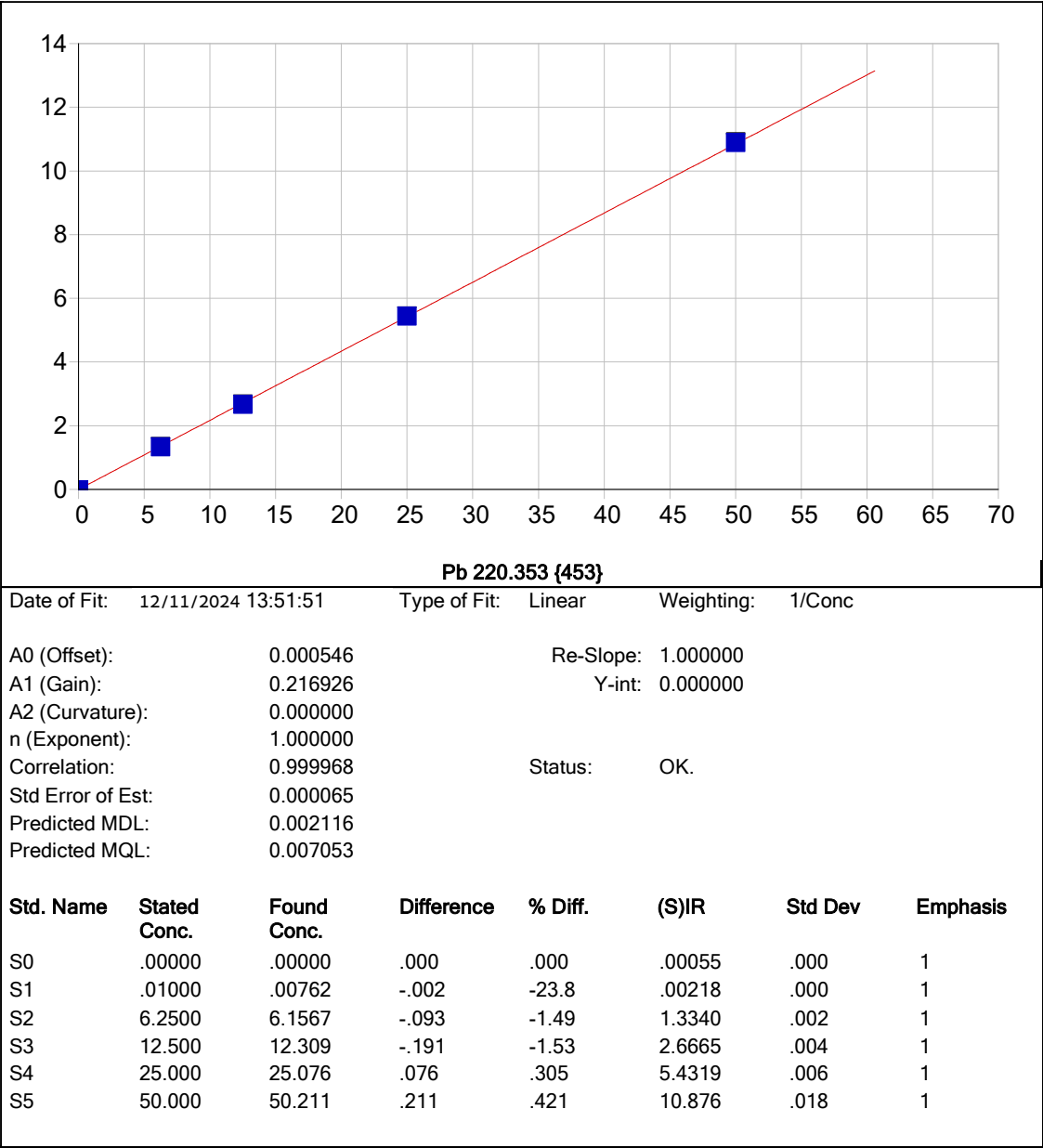
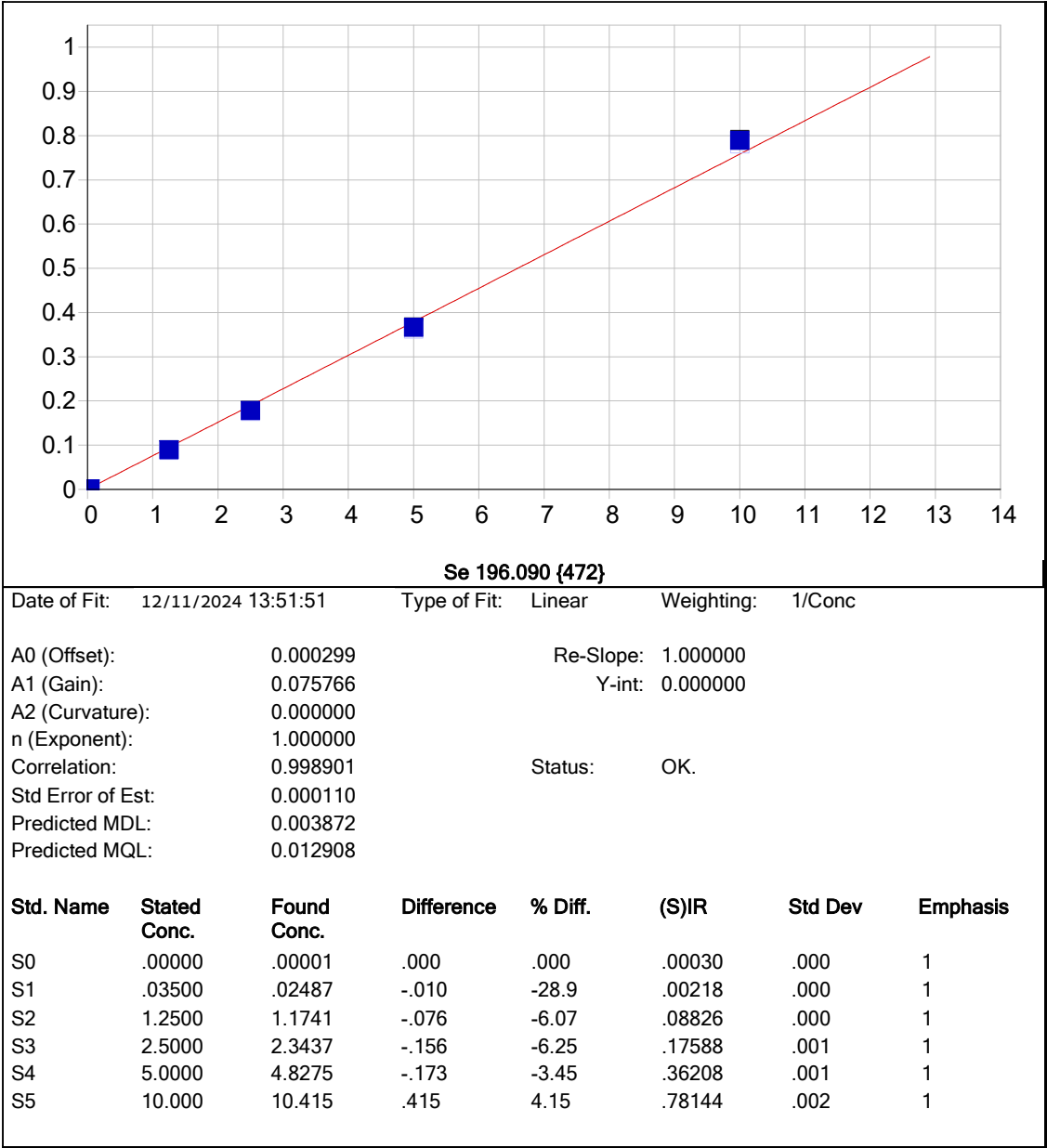
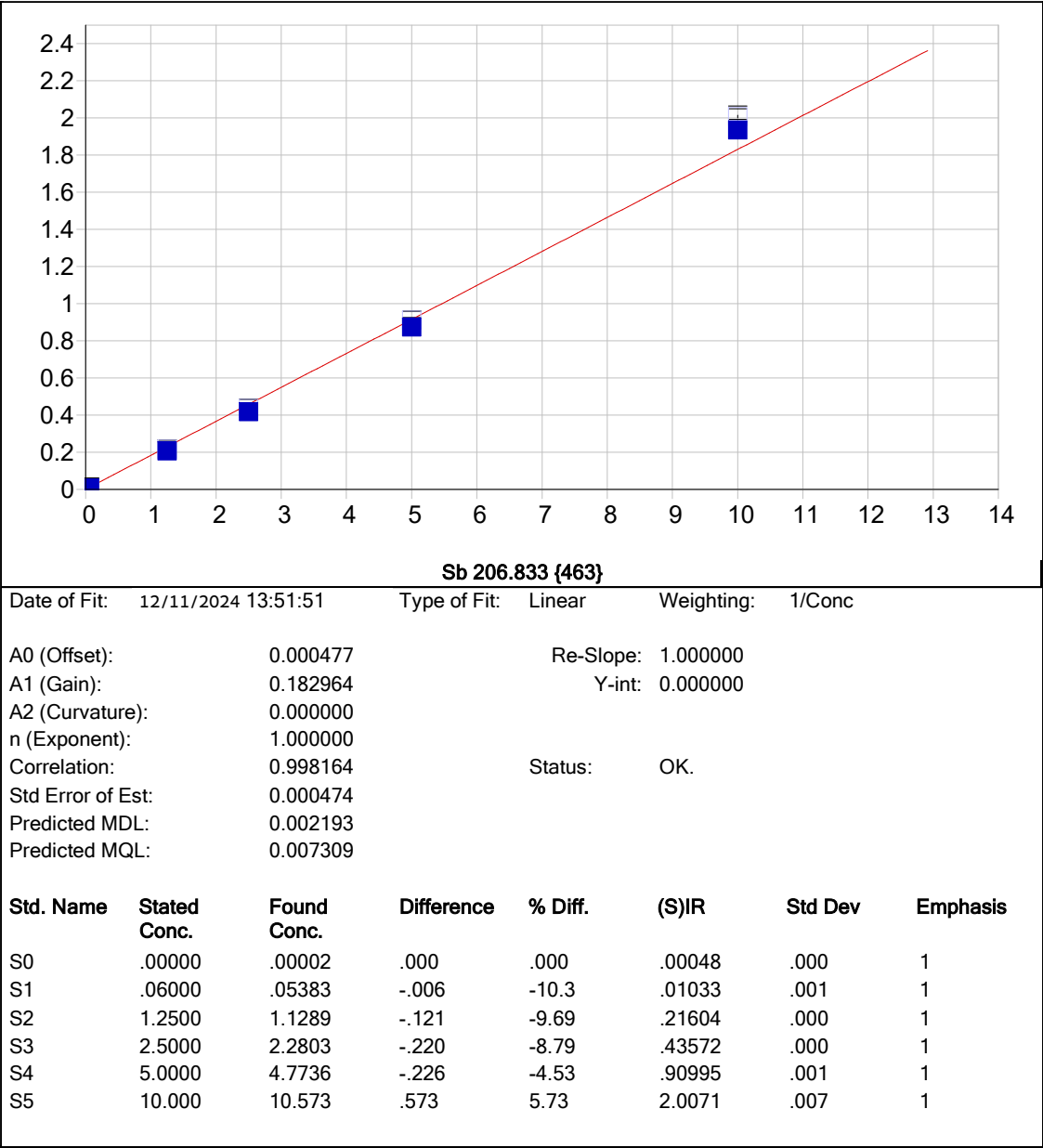


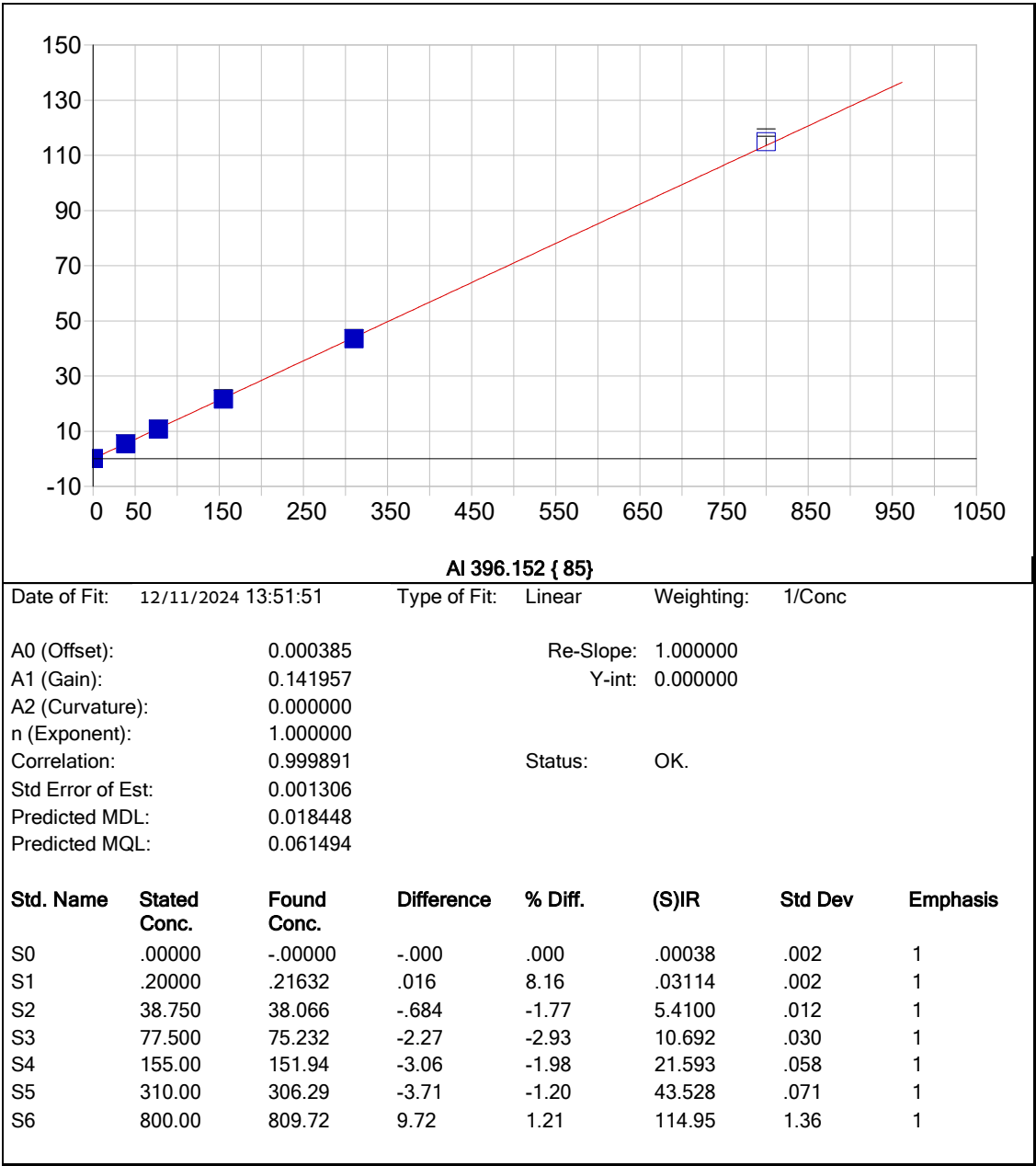






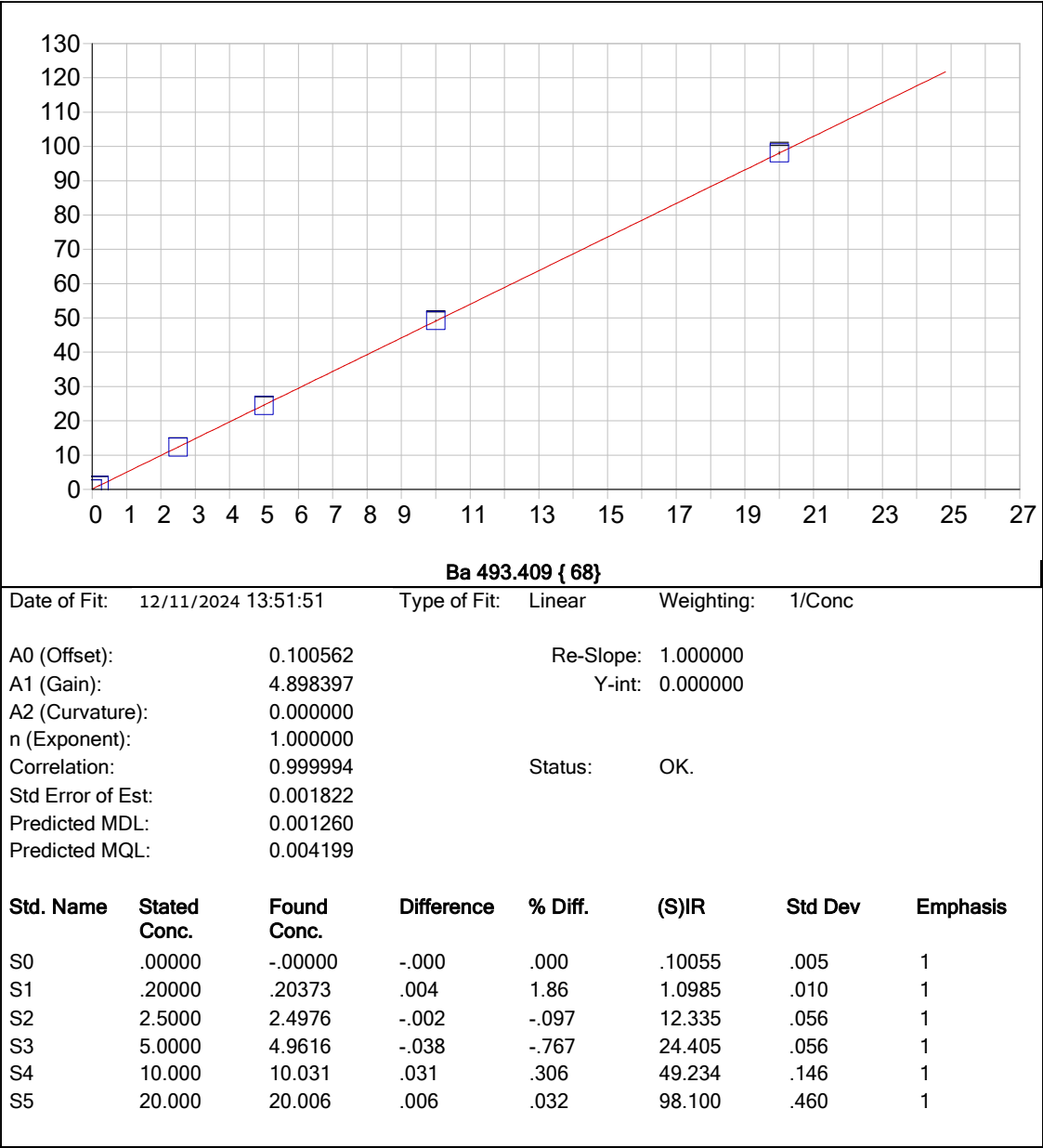


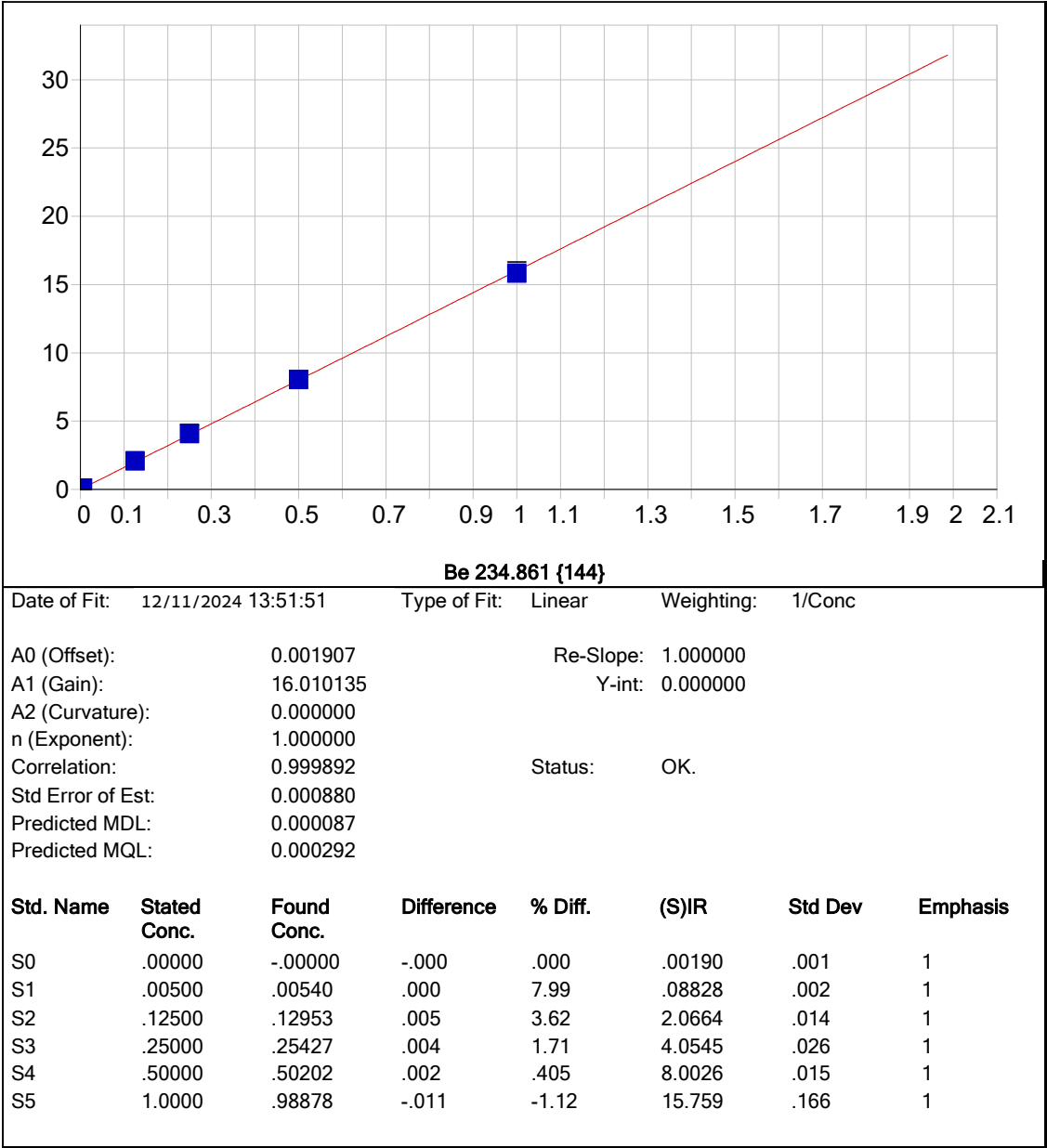


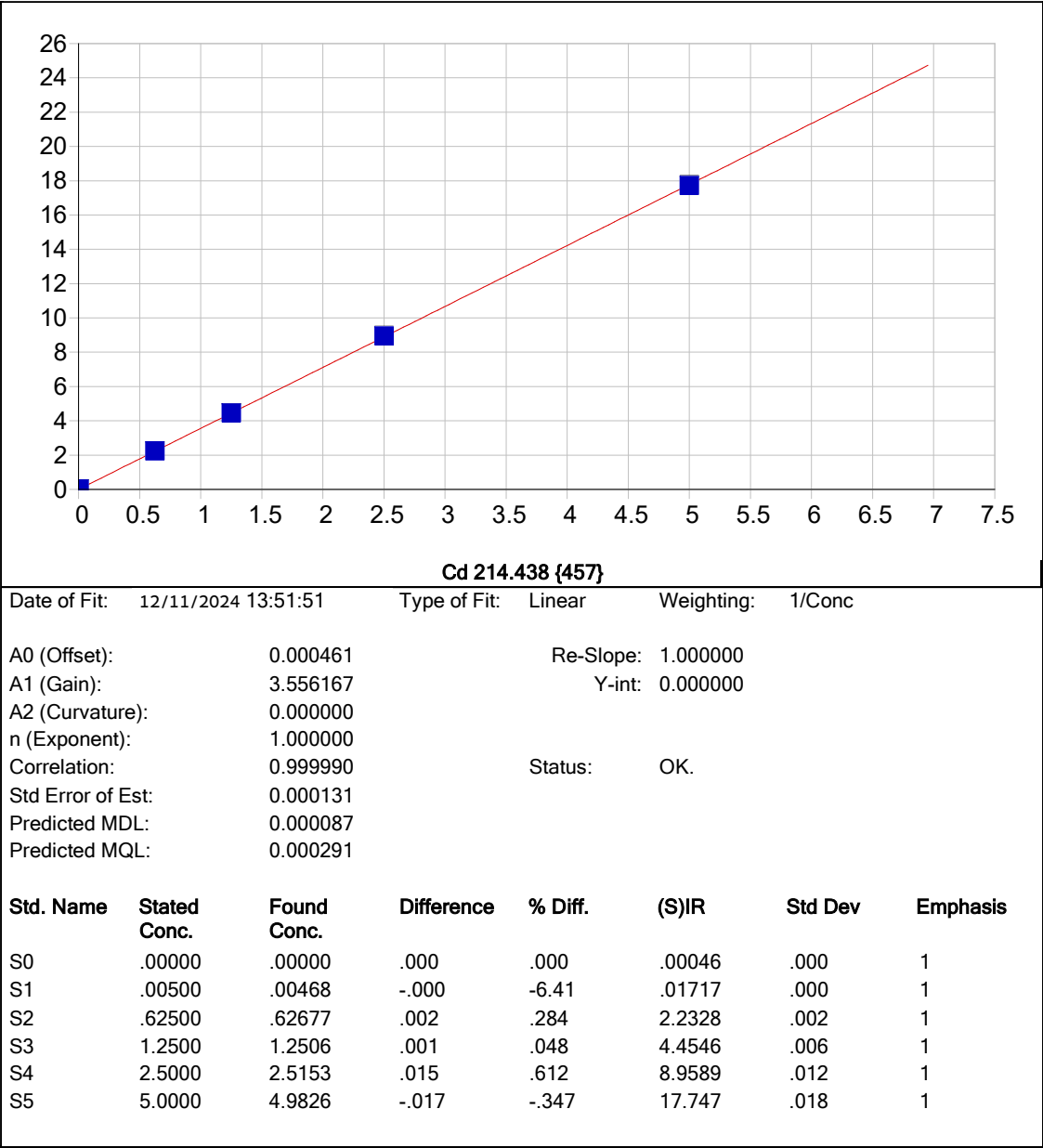


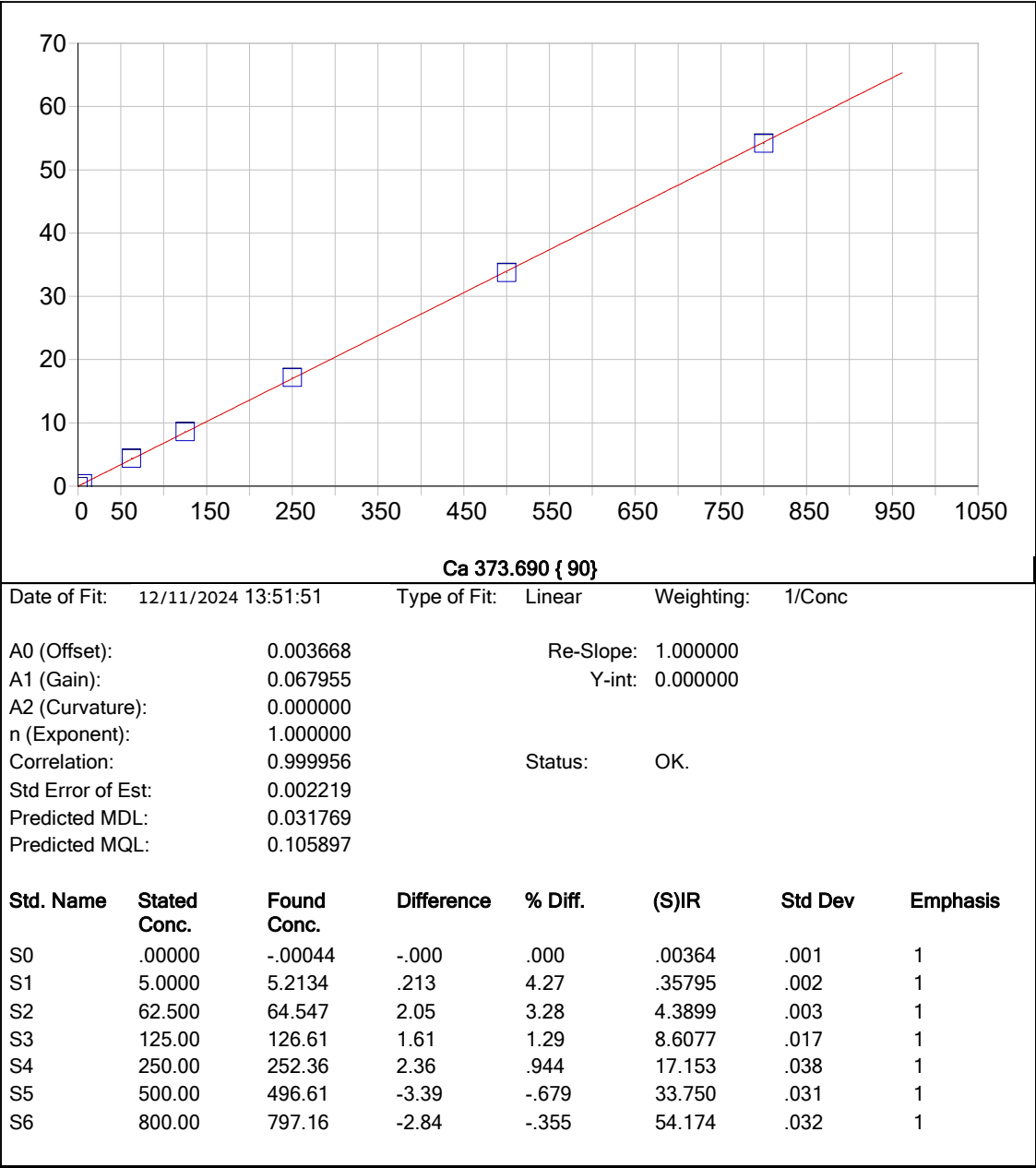
Date of Fit: 12/11/2024 13:51:51 Type of Fit: Linear Weighting: 1/Conc

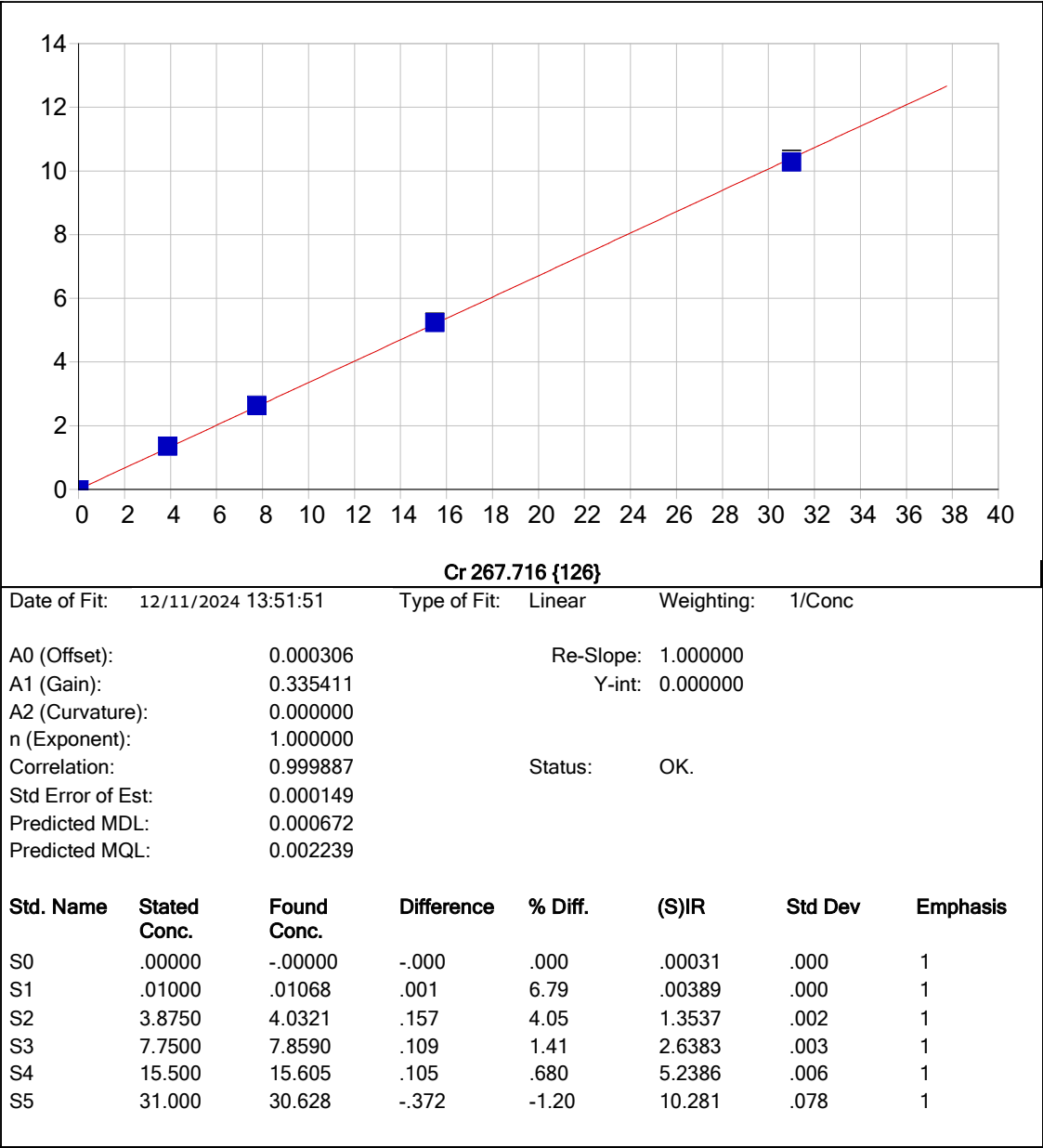
A0 (Offset): 0.000385 Re-Slope: 1.000000
A1 (Gain): 0.141957 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999891 Status: OK.
Std Error of Est: 0.001306
Predicted MDL: 0.018448
Predicted MQL: 0.061494

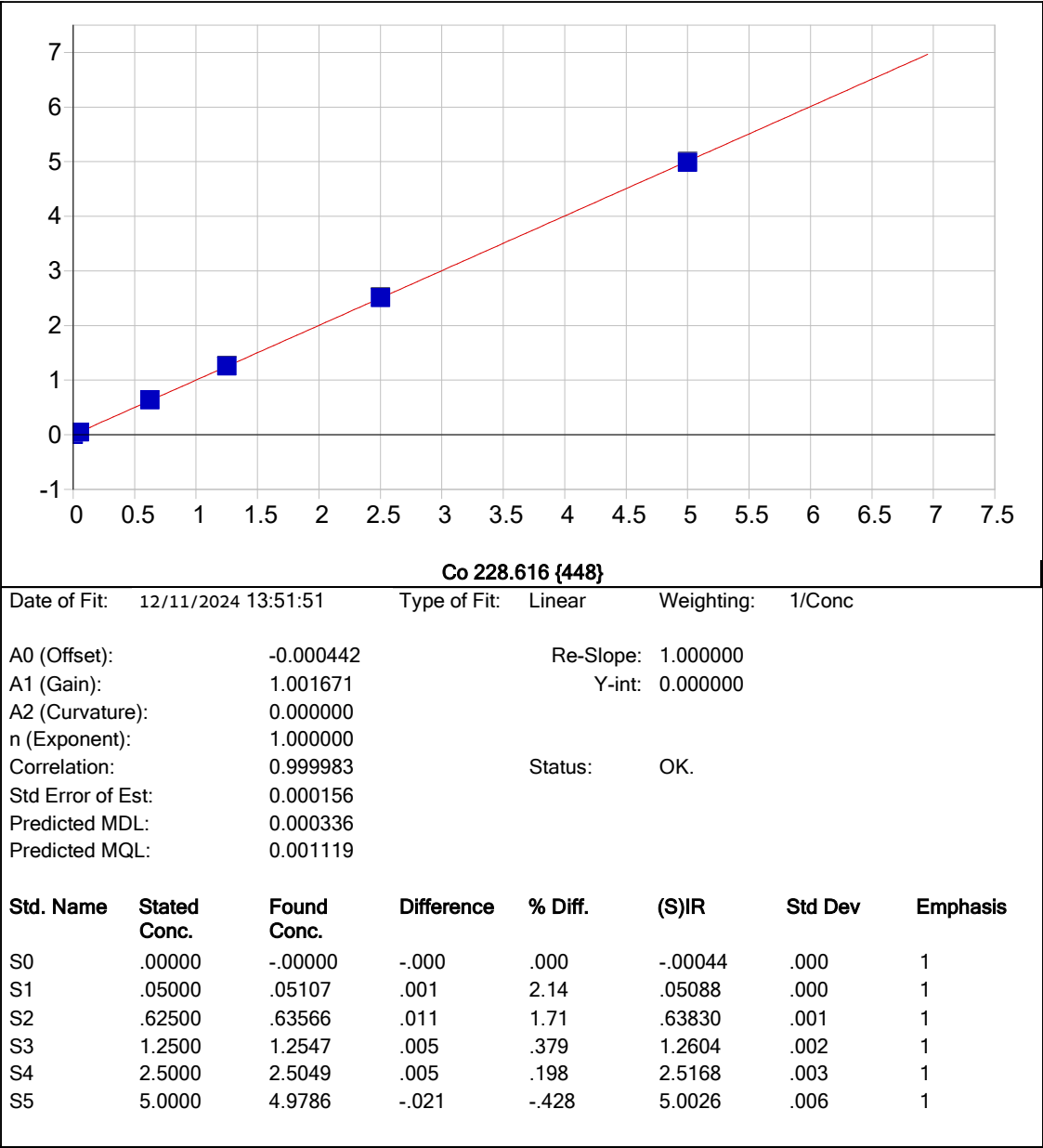


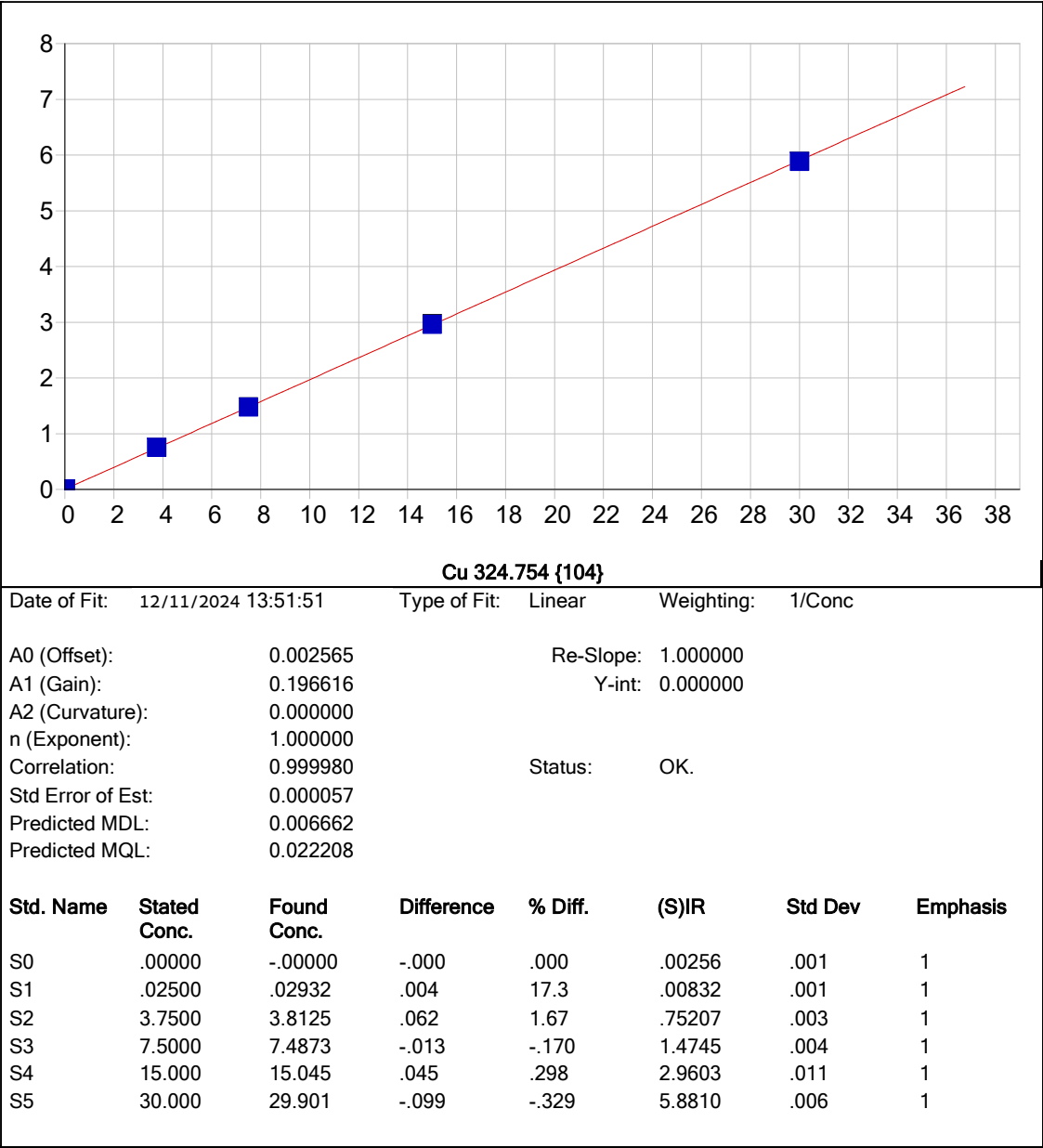


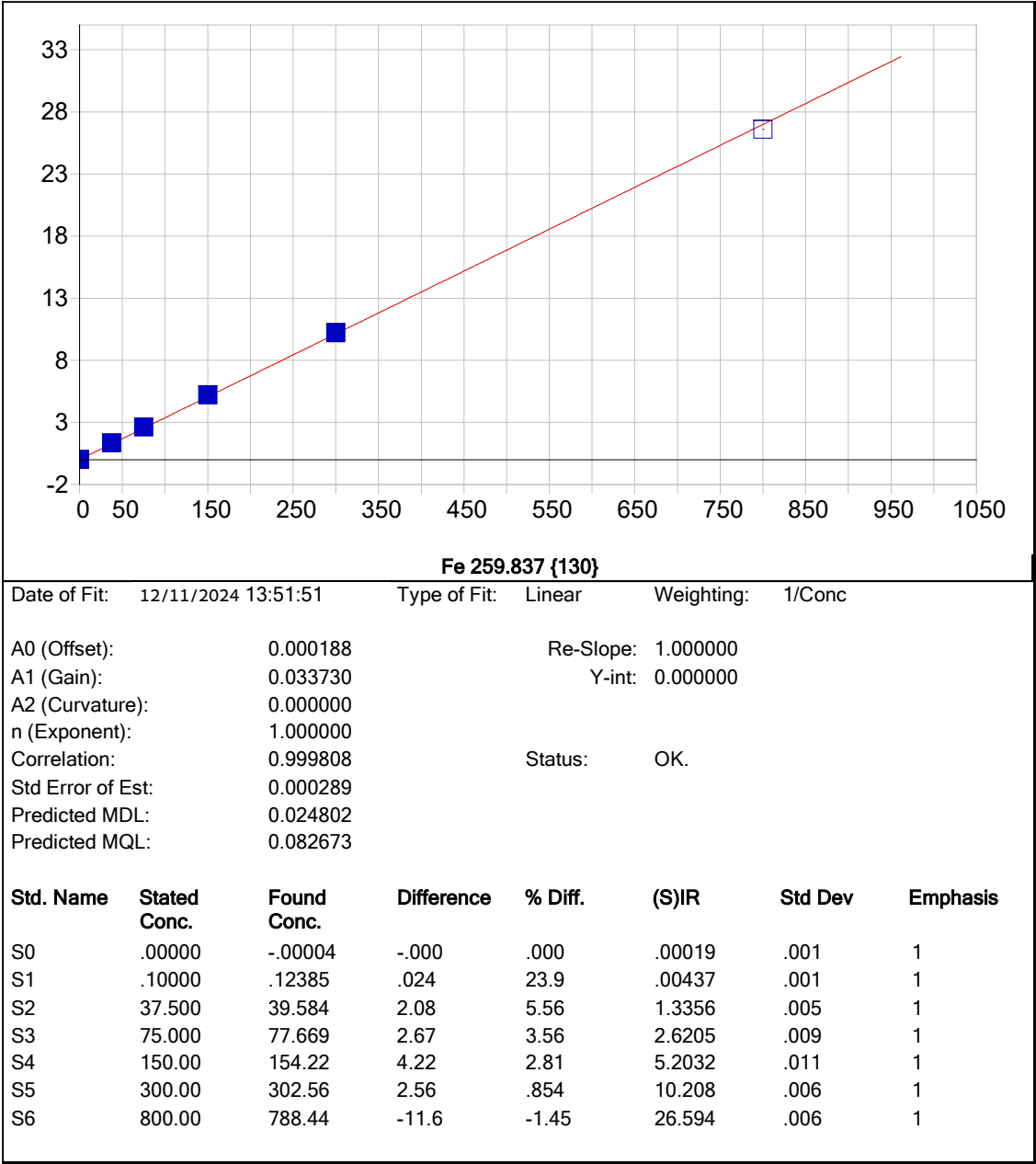


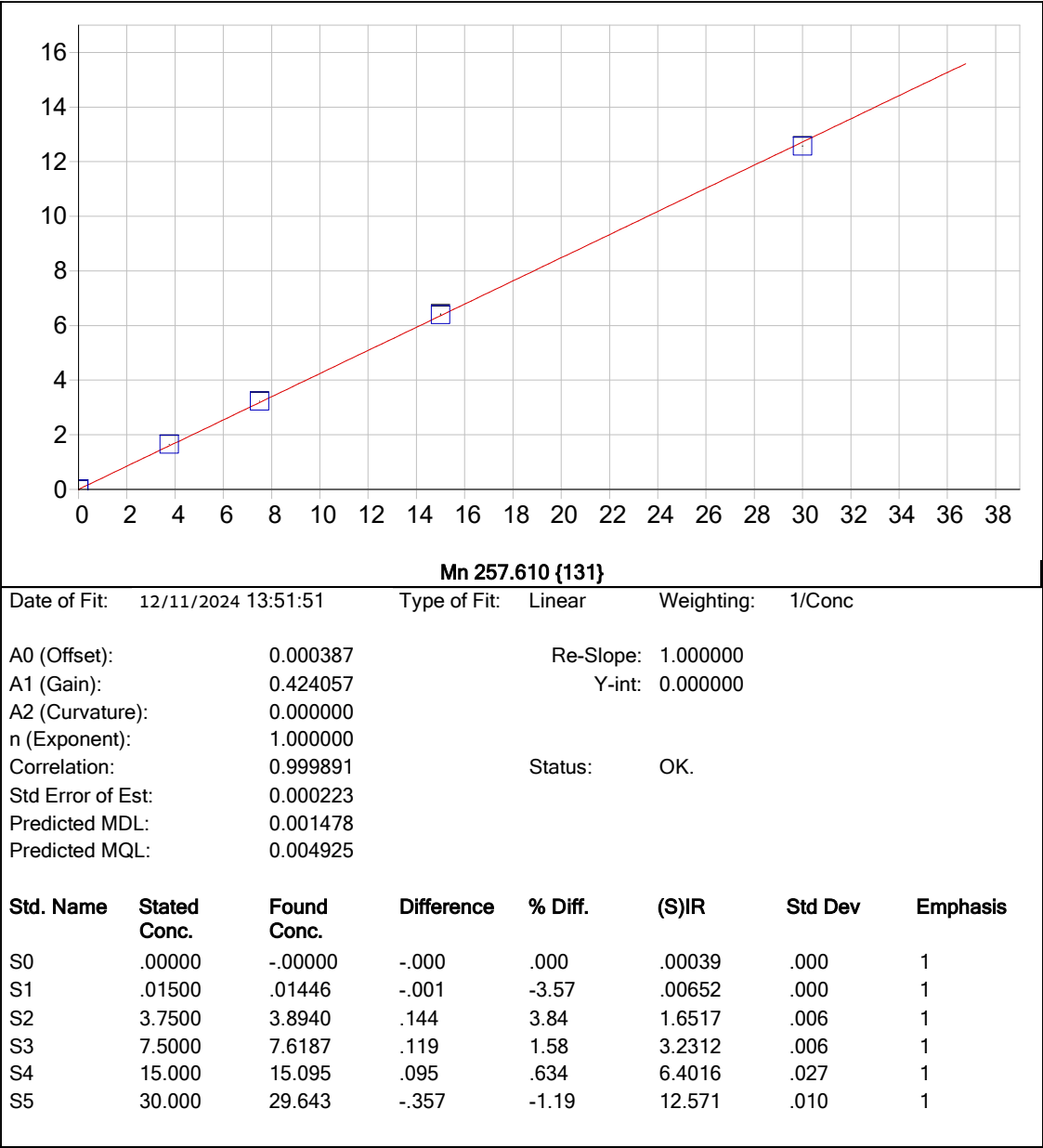


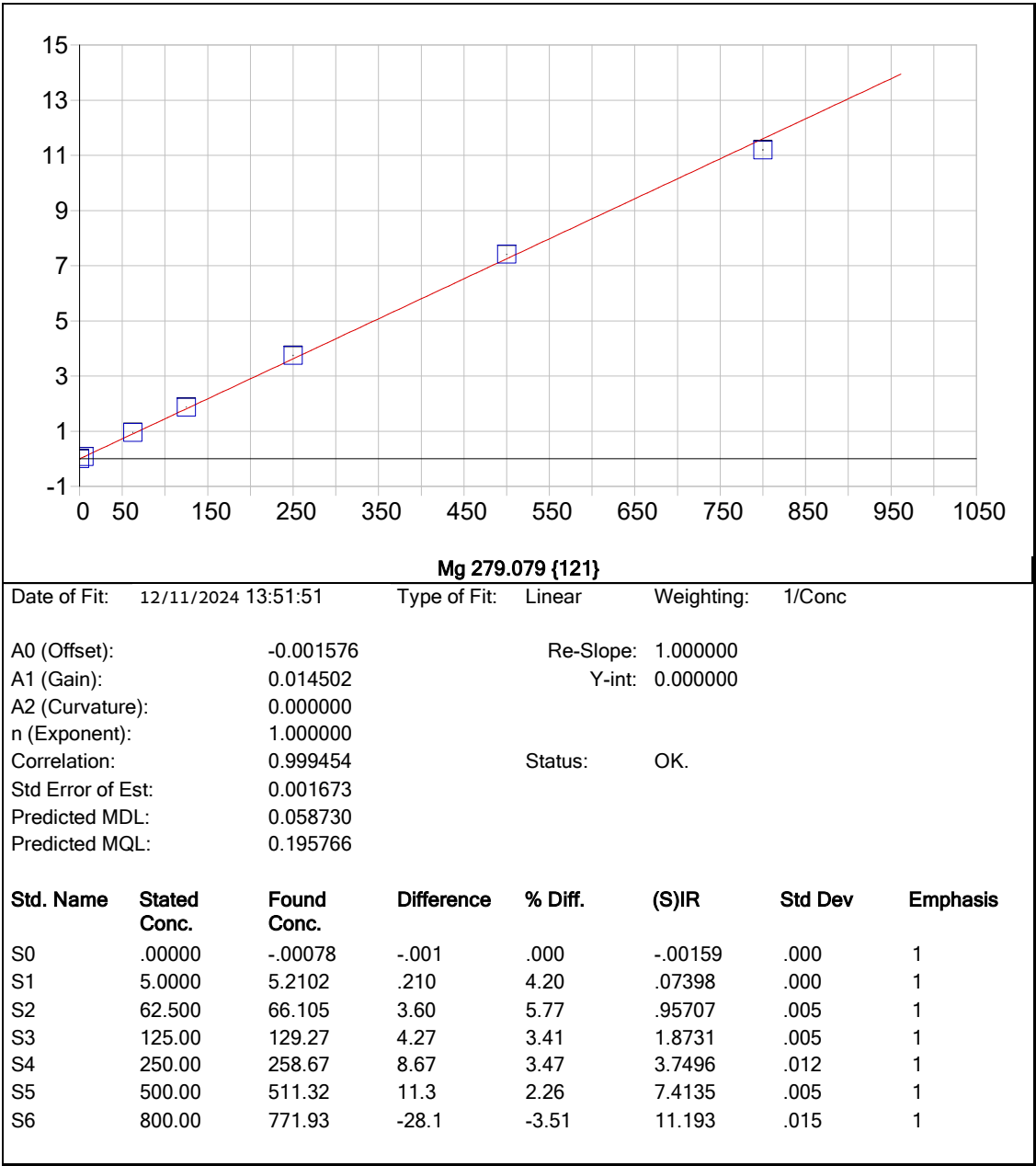


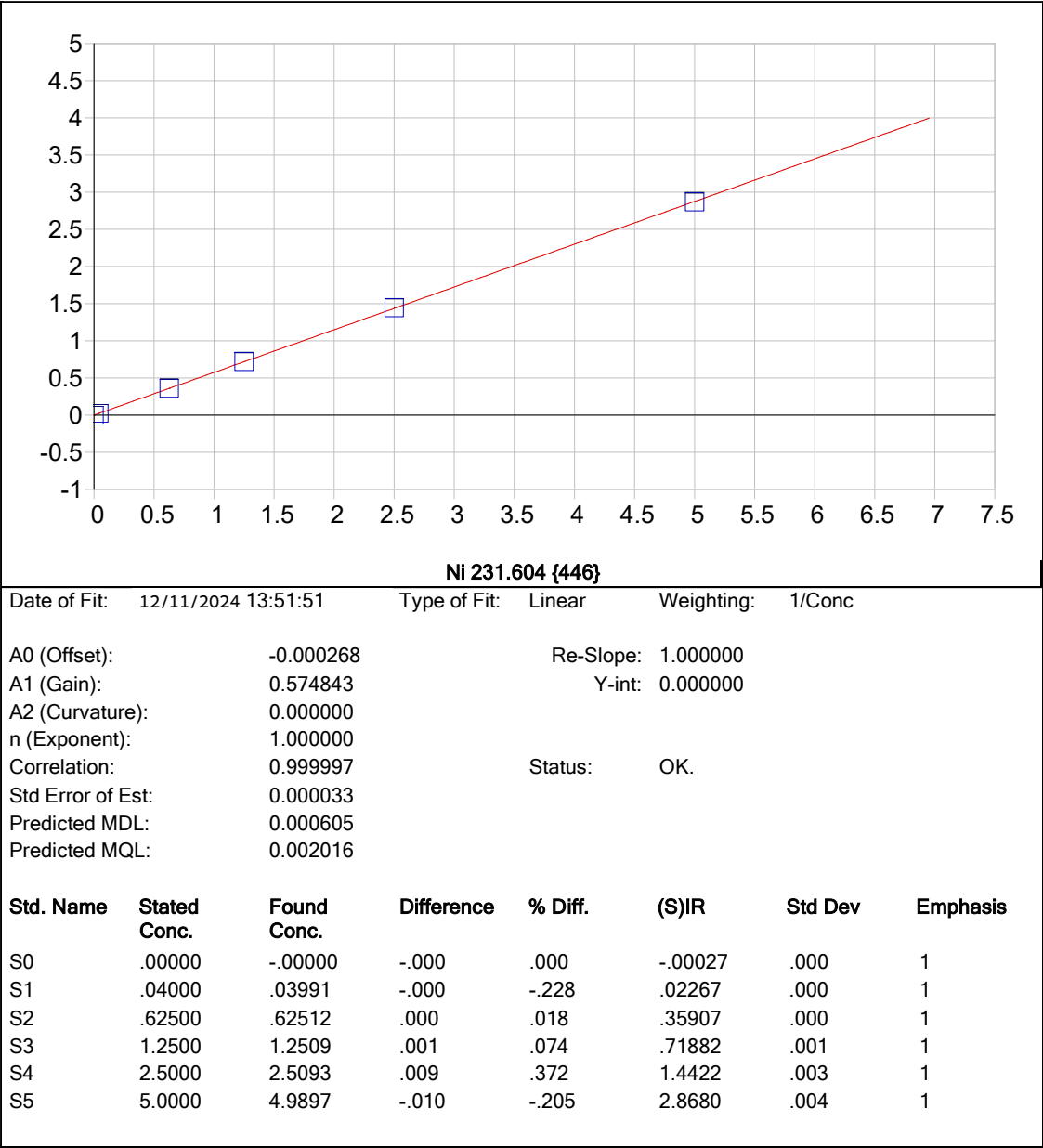


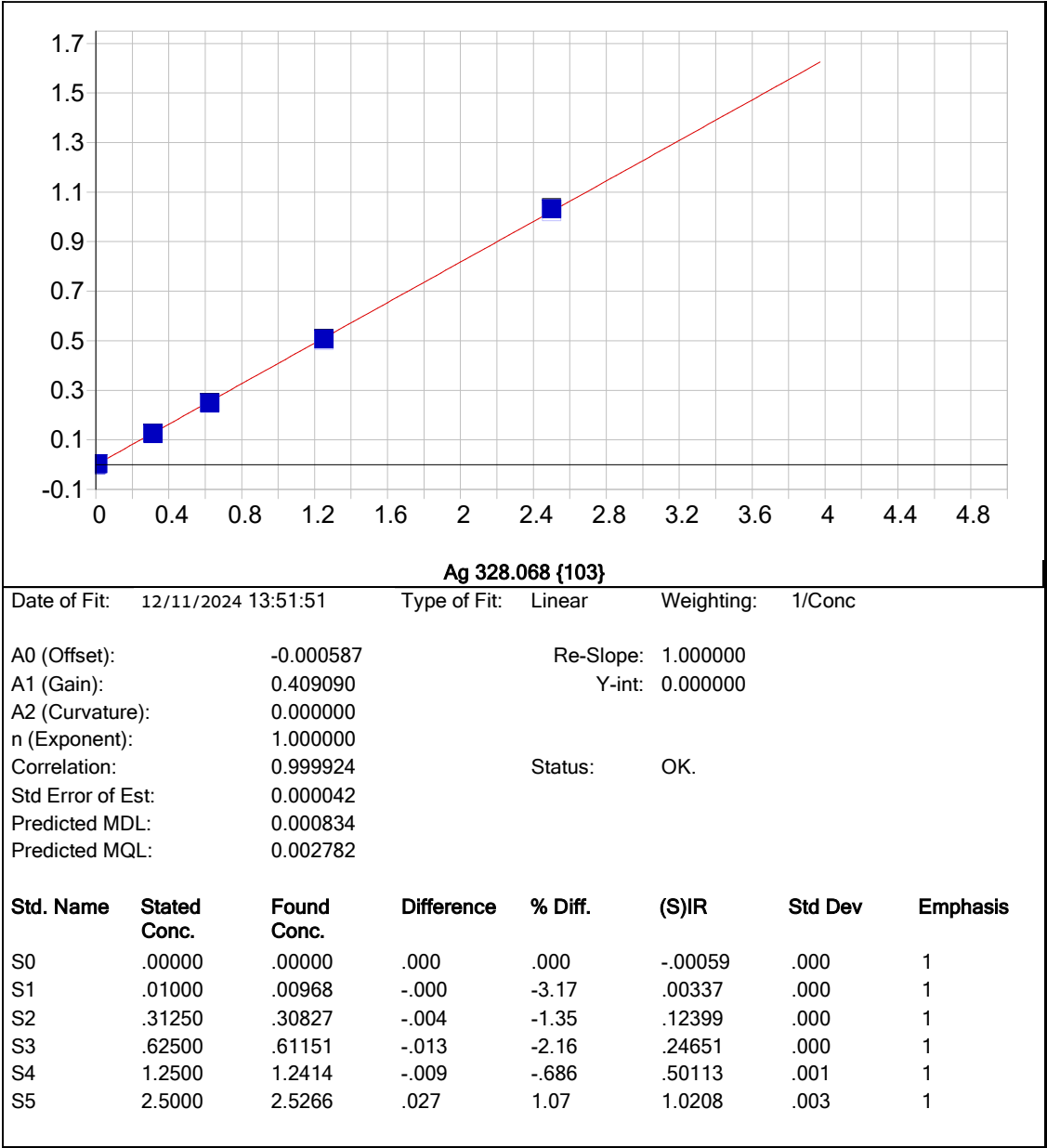


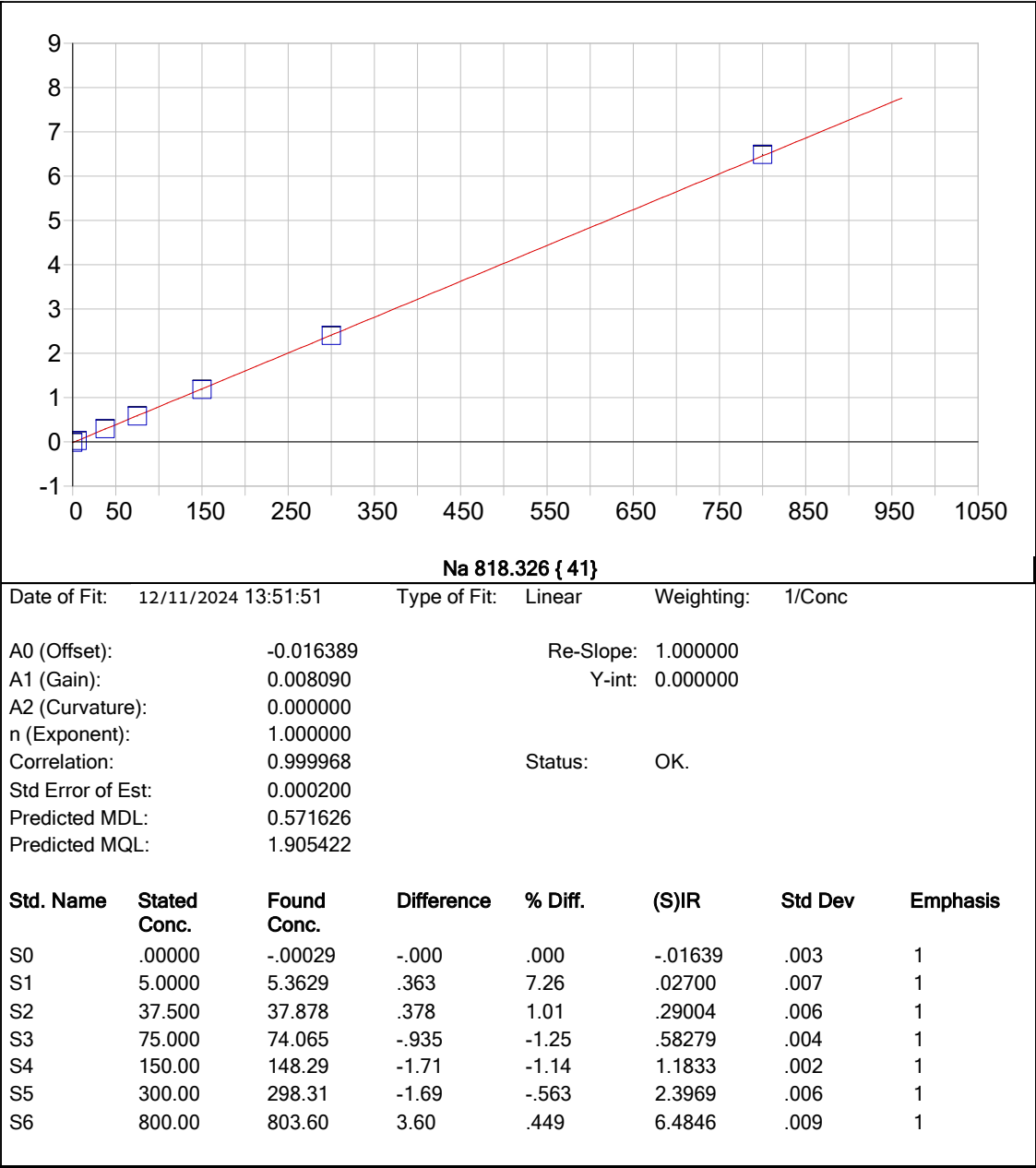


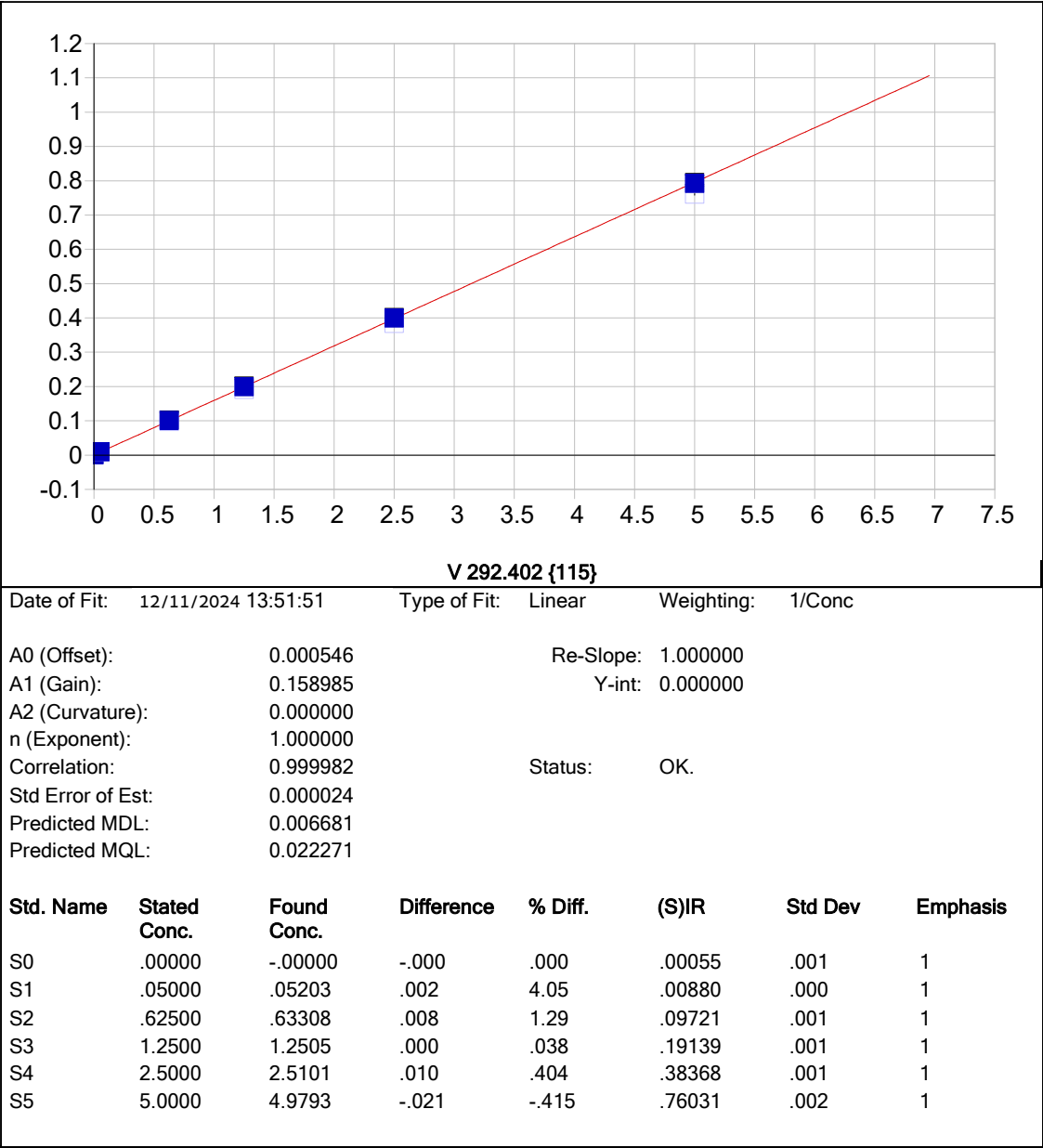


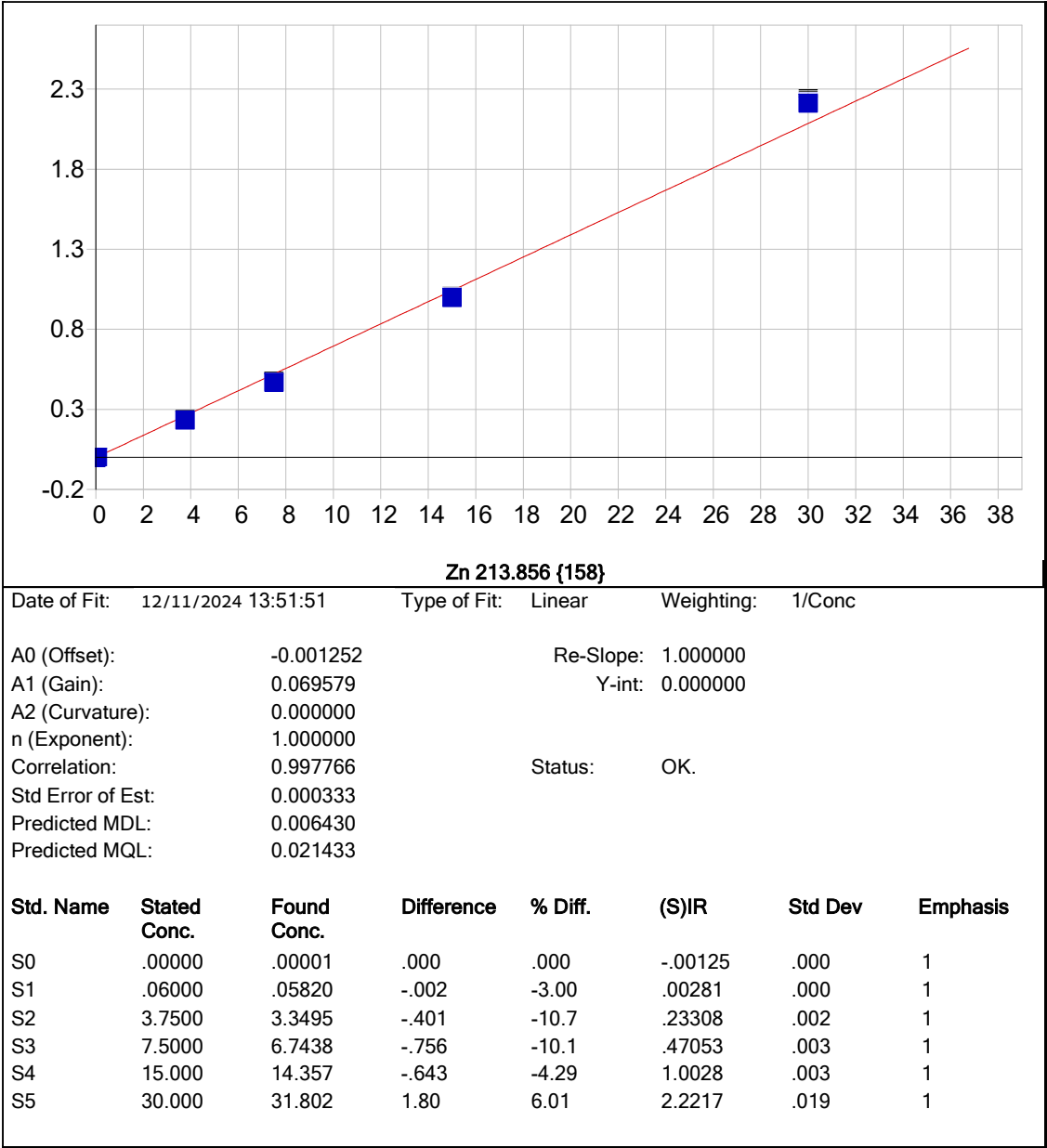


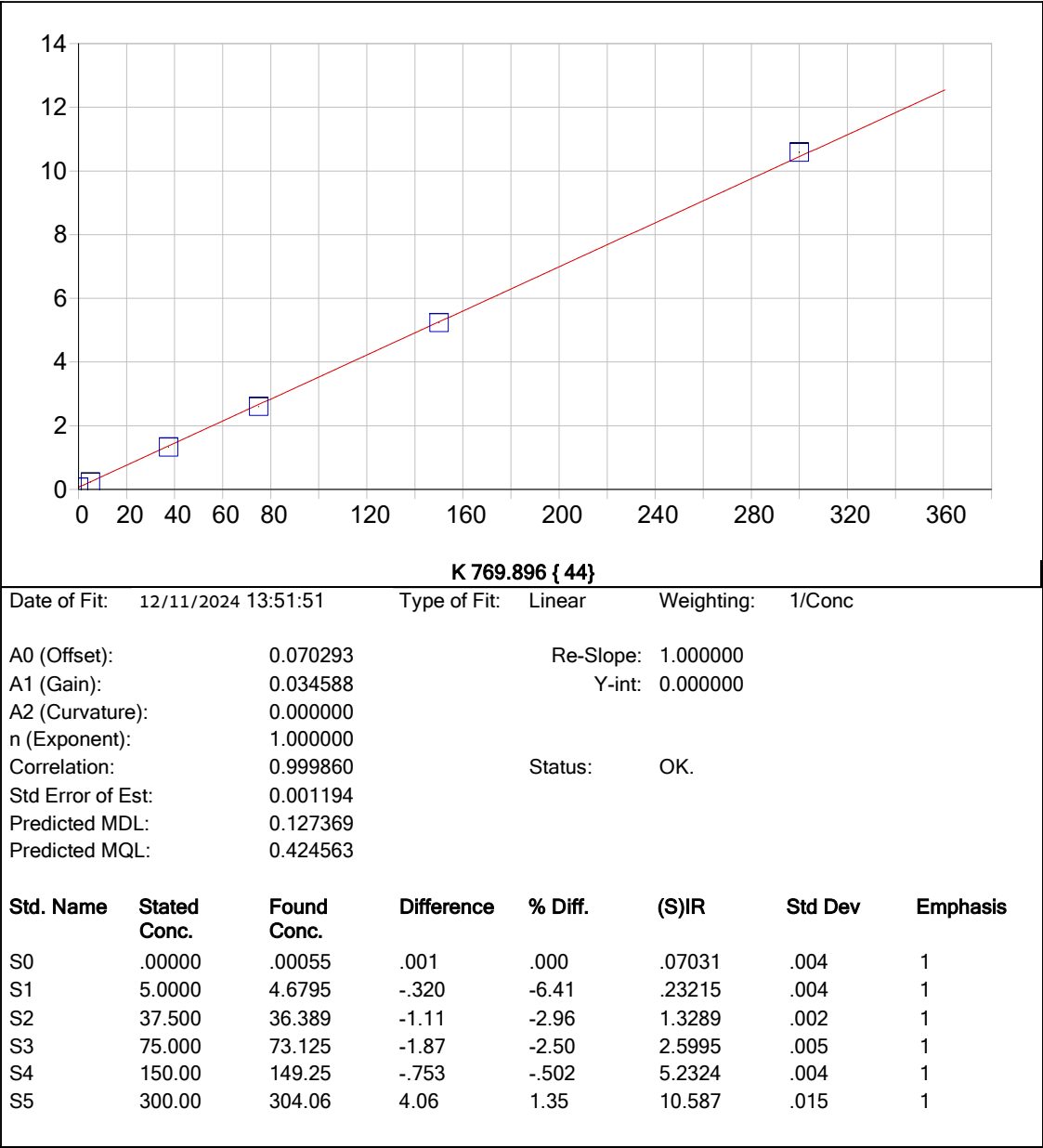


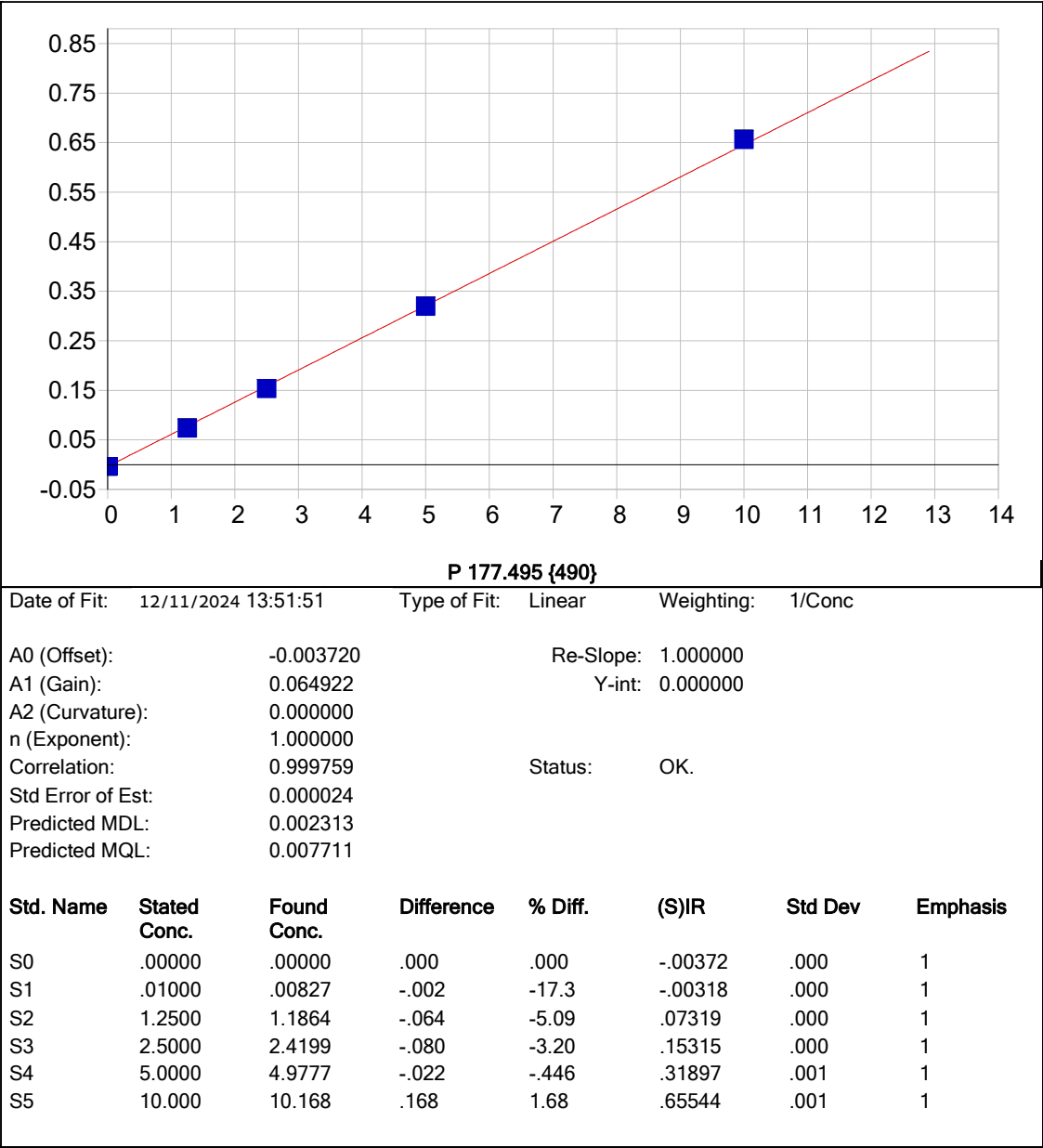


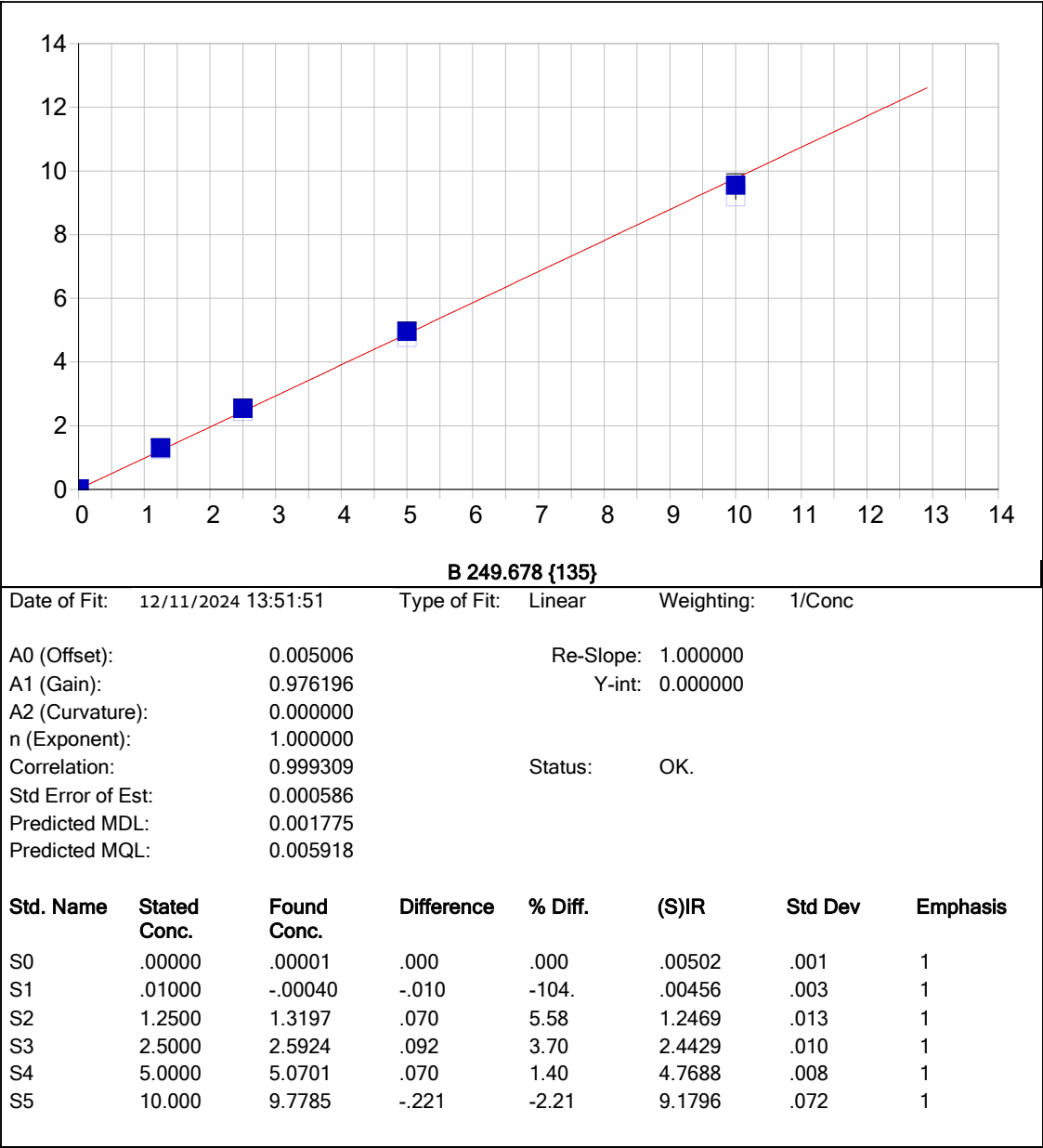


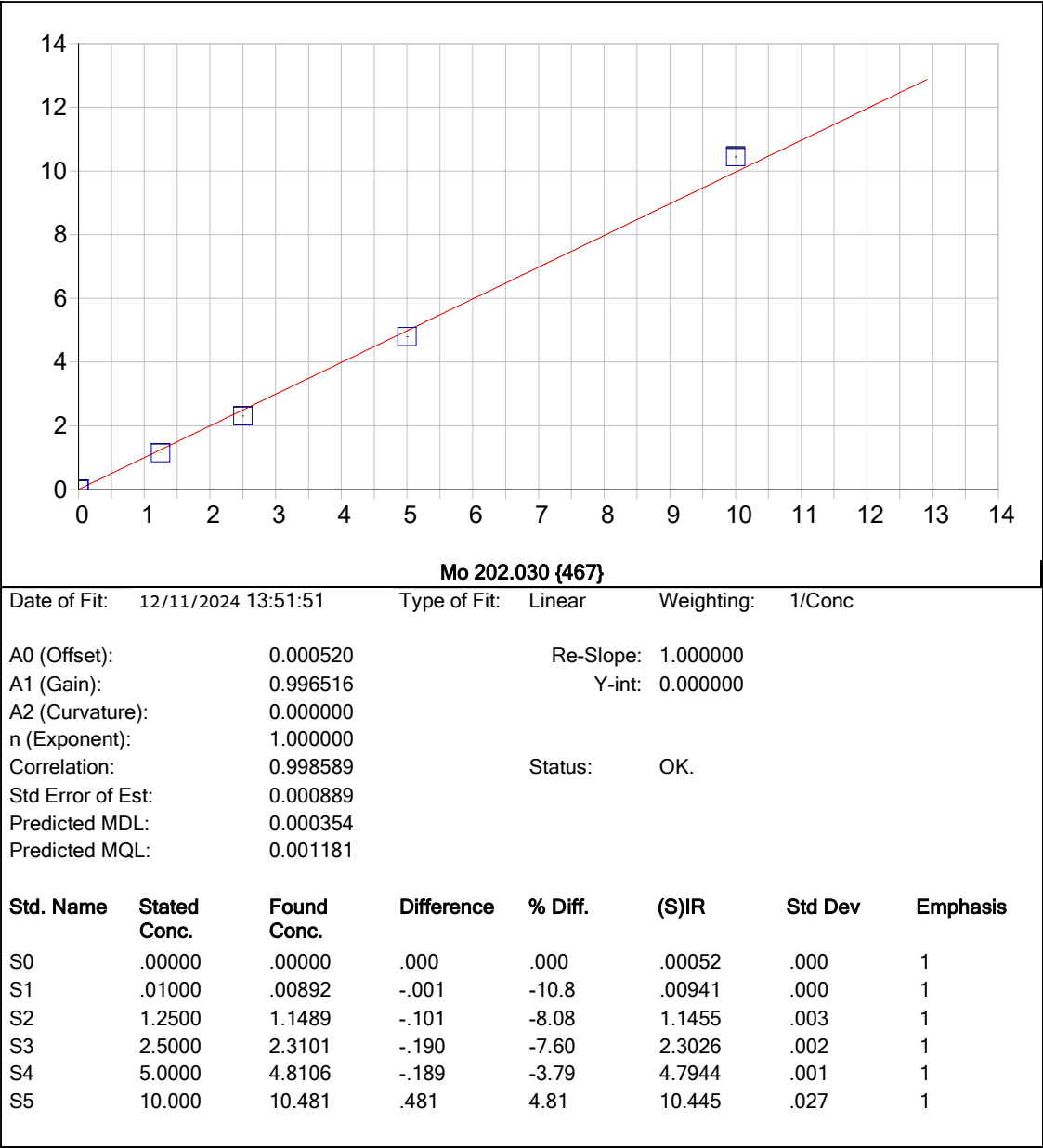


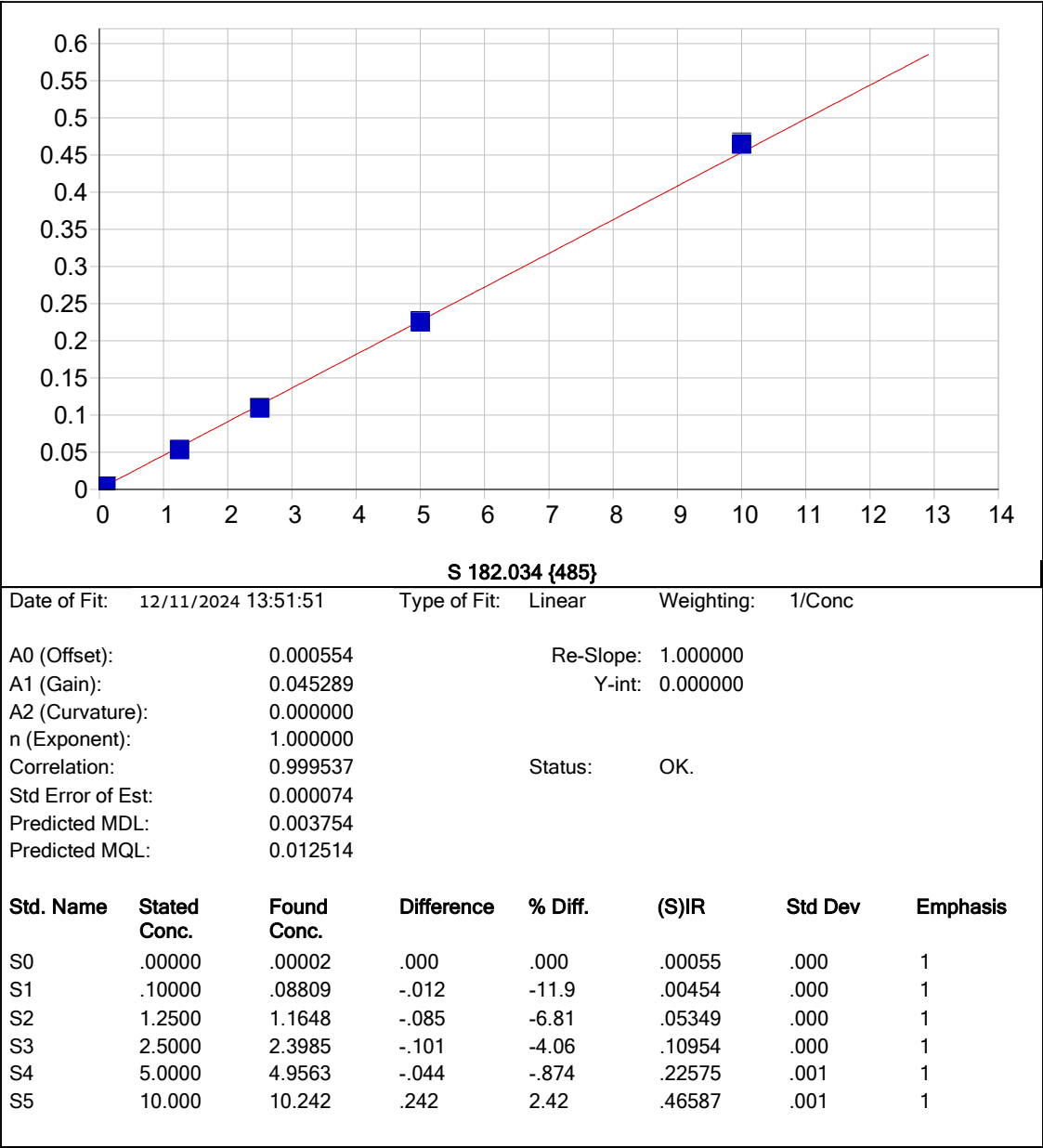


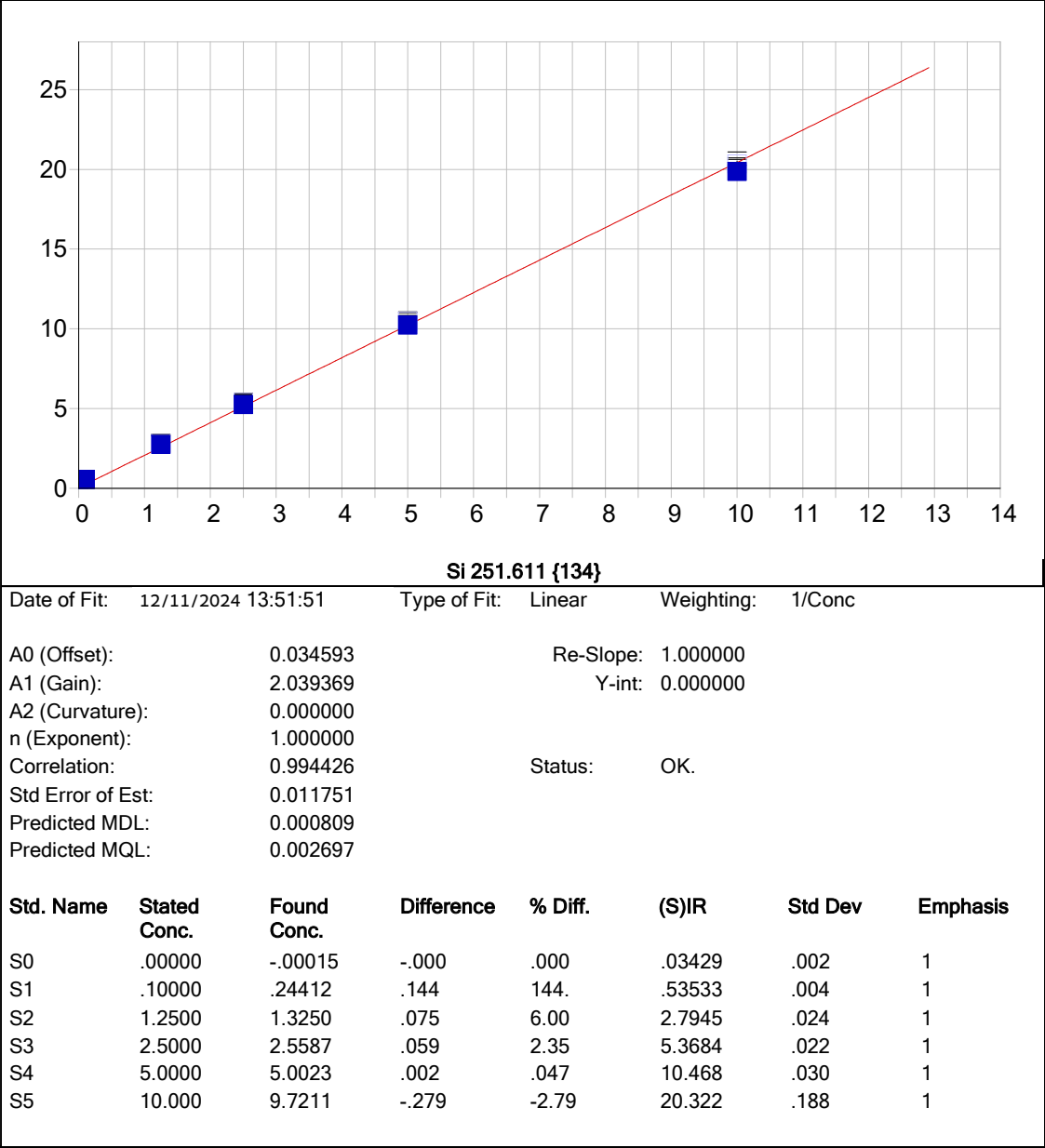


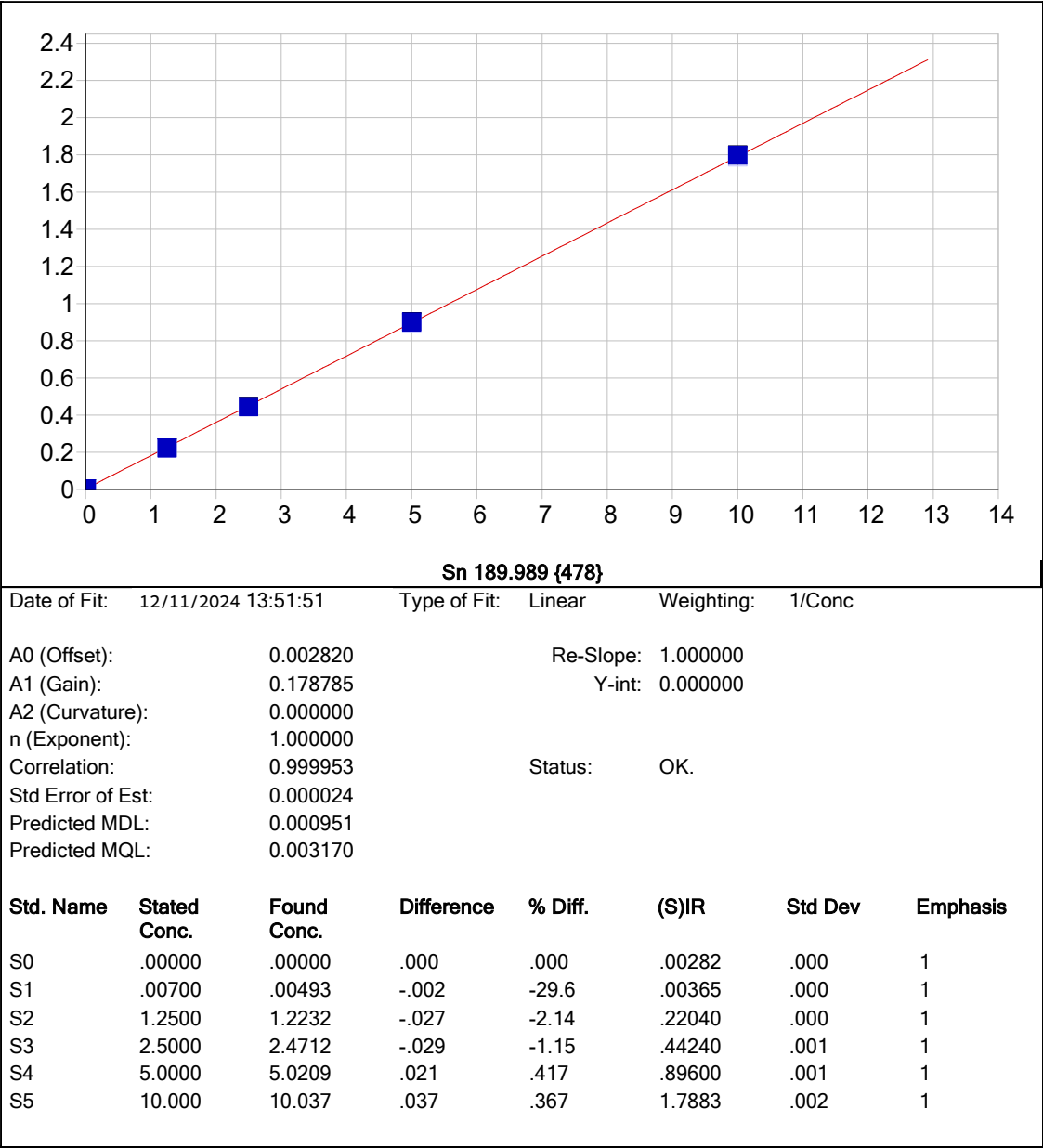


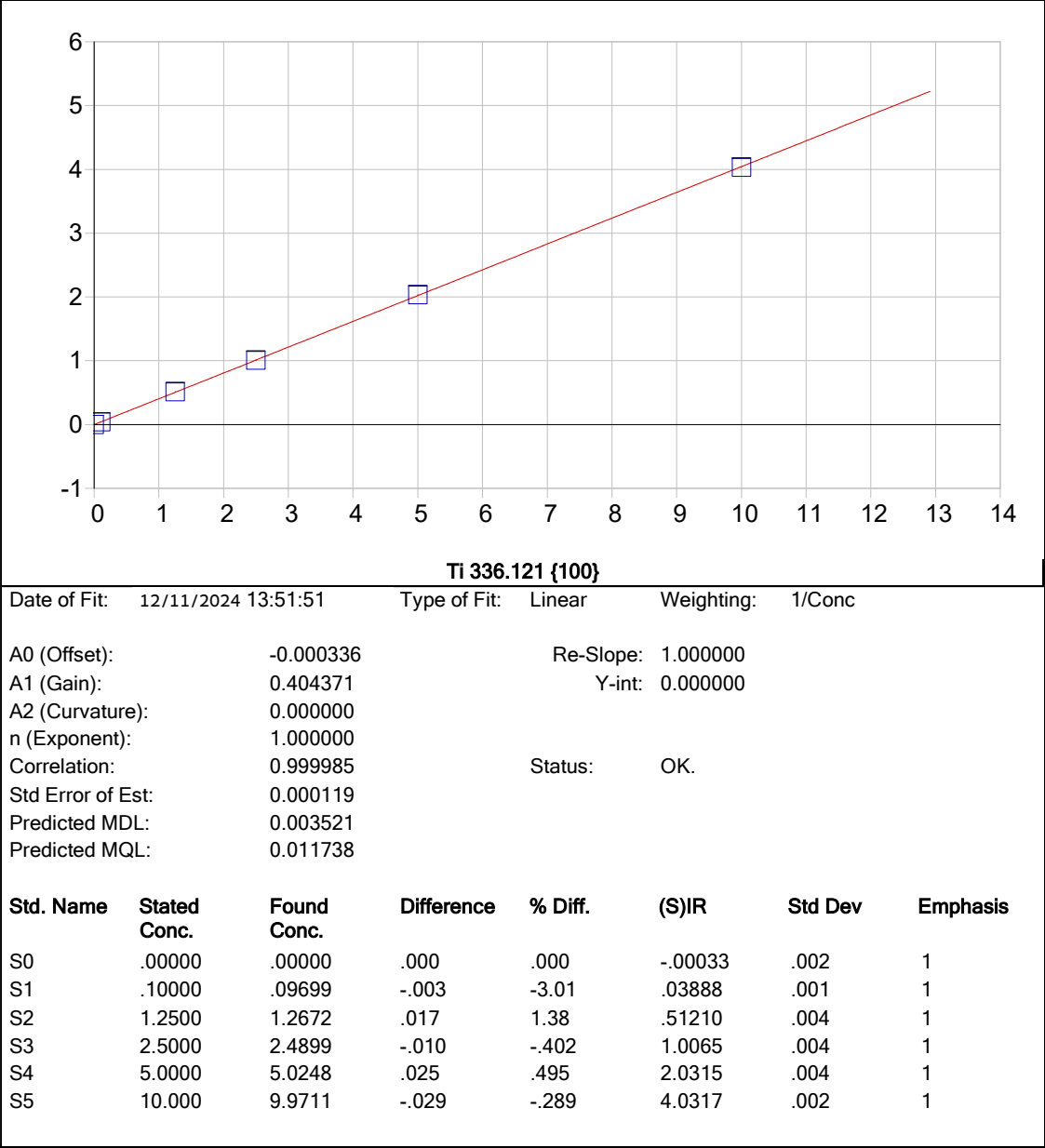


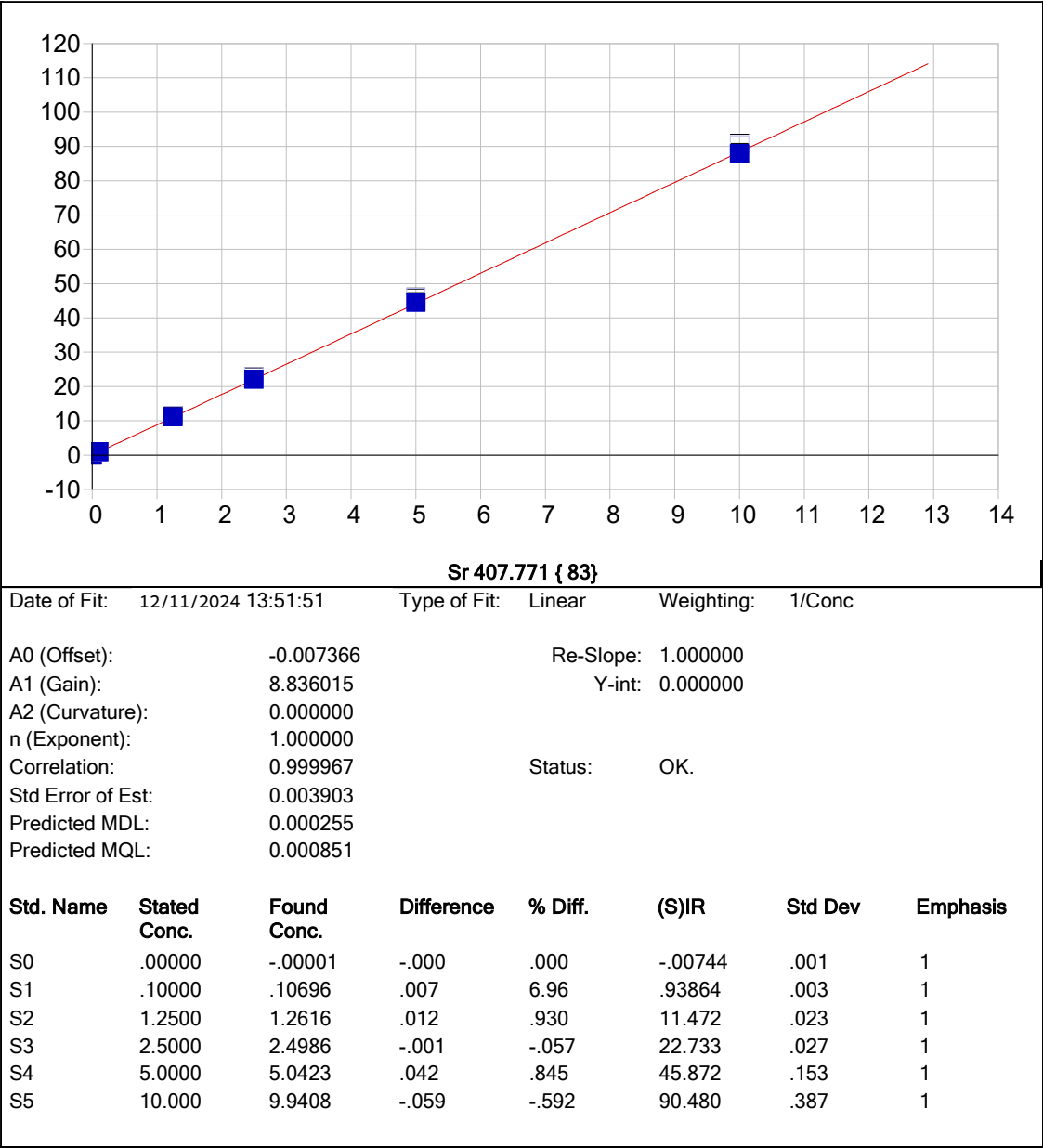


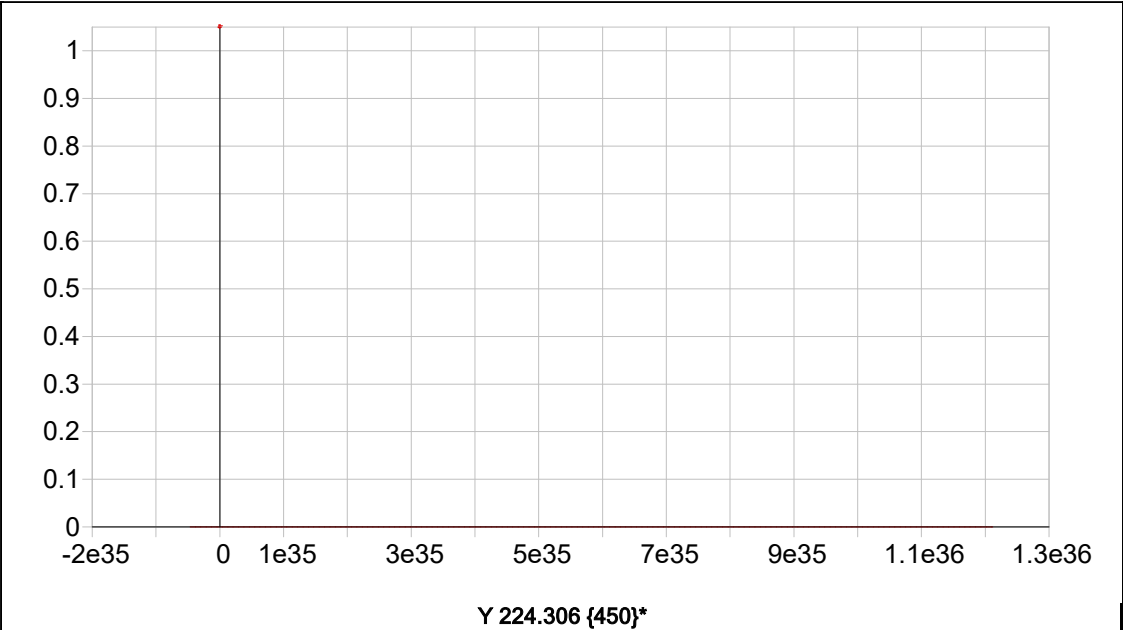






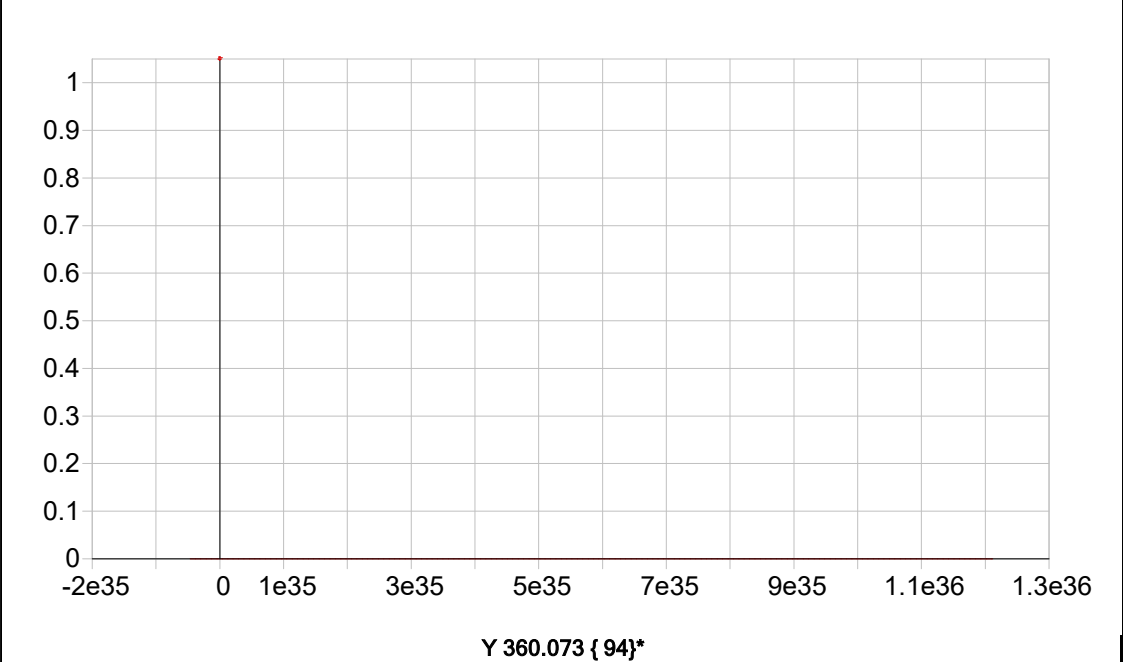




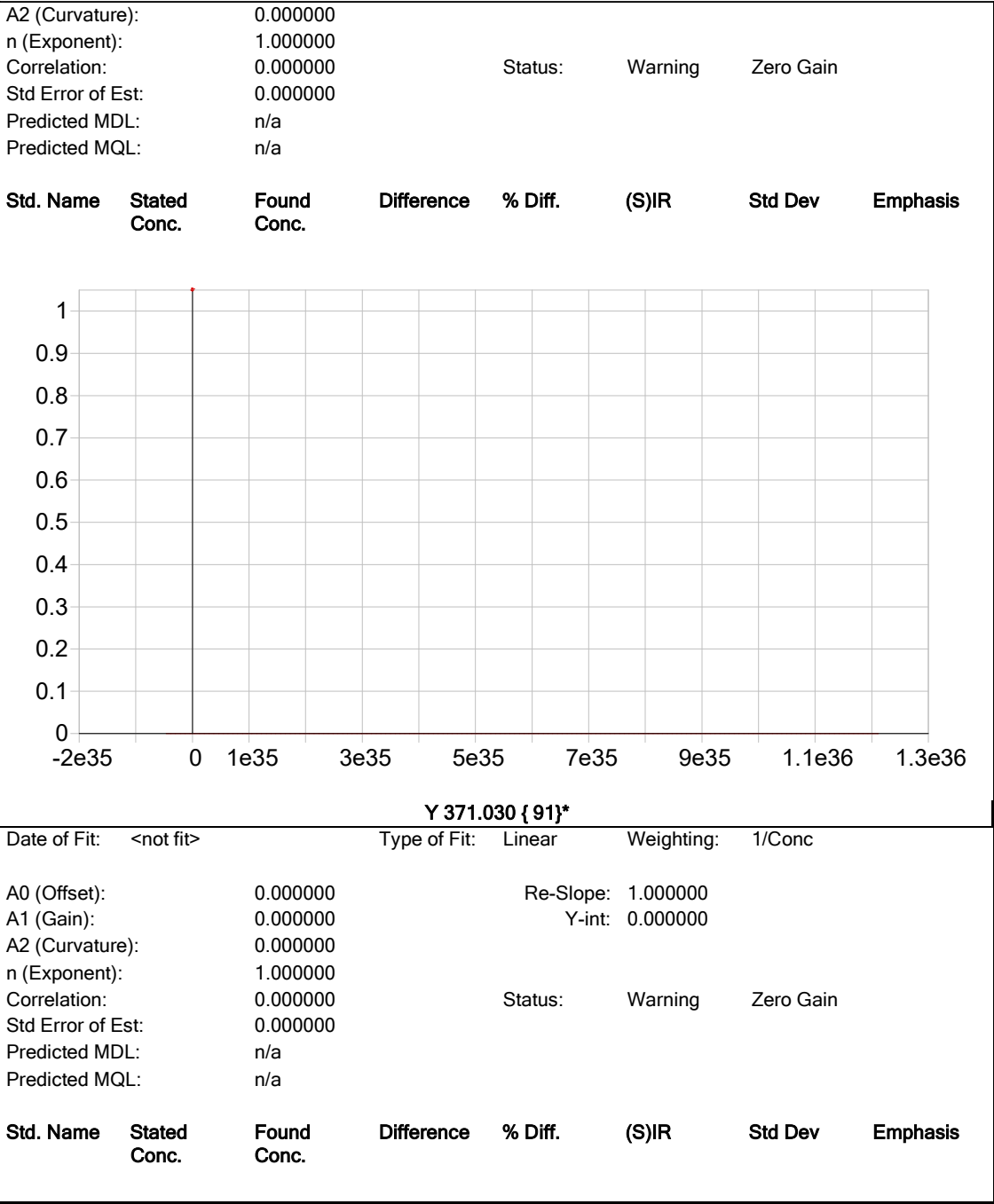


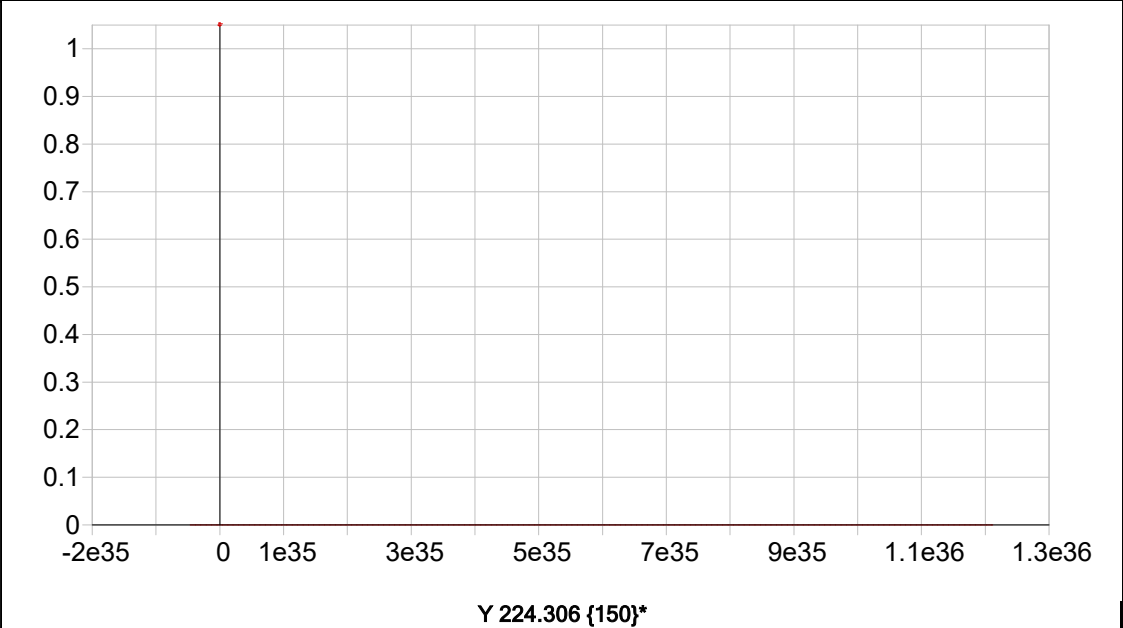
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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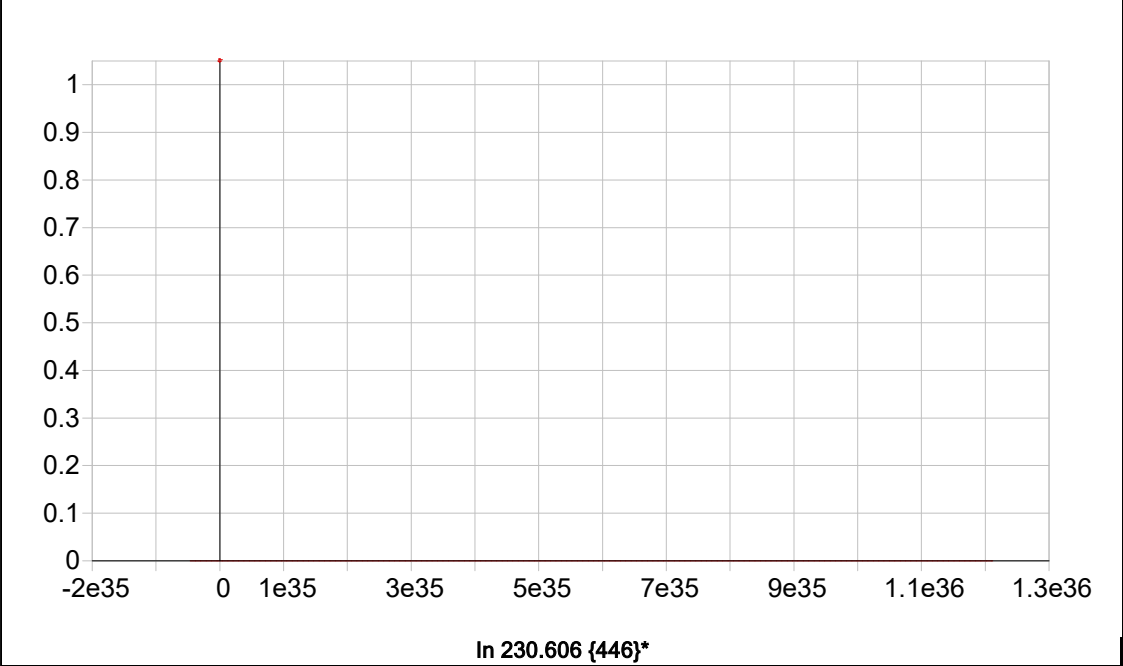
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





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				

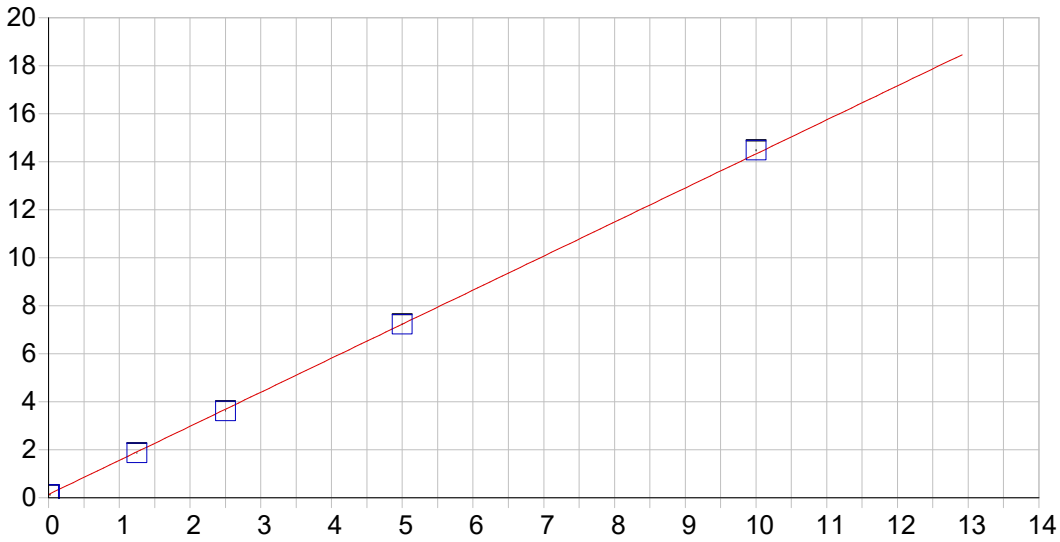
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		

A2 (Curvature):	0.000000	Status:	Warning	Zero Gain
n (Exponent):	1.000000			
Correlation:	0.000000			
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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Li 670.784 { 50}

Date of Fit:	12/11/2024 13:51:51	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.139296	Re-Slope:	1.000000		
A1 (Gain):	1.418670	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.998431	Status:	OK.		
Std Error of Est:	0.001634				
Predicted MDL:	0.003524				
Predicted MQL:	0.011747				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.13934	.007	1
S5	10.000	10.112	.112	1.12	14.485	.026	1
S4	5.0000	4.9965	-.003	-.070	7.2277	.019	1
S3	2.5000	2.4528	-.047	-1.89	3.6191	.011	1
S2	1.2500	1.2174	-.033	-2.61	1.8664	.008	1
S1	.01500	-.01397	-.029	-193.	.11948	.003	1

Sample Name: S0 Acquired: 12/11/2024 13:26:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 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	.06740	-.00025	.00055	.00030	.00048	.00038	.10055	.00190
Stddev	.19703	.00013	.00006	.00025	.00034	.00243	.00542	.00145
%RSD	292.33	54.442	10.560	84.565	71.722	631.03	5.3911	76.535
#1	.17442	-.00017	.00055	.00009	.00080	-.00024	.09774	.00074
#2	.18775	-.00017	.00060	.00023	.00052	-.00167	.10680	.00143
#3	-.15998	-.00040	.00049	.00058	.00012	.00306	.09711	.00352
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	.00046	.00364	.00031	-.00044	.00256	.00019	.00039	-.00159
Stddev	.00007	.00138	.00029	.00013	.00144	.00091	.00014	.00030
%RSD	15.342	38.046	95.897	29.564	56.170	488.45	36.518	19.030
#1	.00039	.00521	.00004	-.00059	.00353	-.00064	.00035	-.00135
#2	.00053	.00259	.00062	-.00034	.00325	.00004	.00054	-.00148
#3	.00046	.00312	.00026	-.00040	.00091	.00116	.00027	-.00193
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	-.00027	-.00059	-.01639	.00055	-.00125	.07031	-.00372	.00502
Stddev	.00025	.00029	.00304	.00063	.00027	.00354	.00001	.00145
%RSD	92.742	49.743	18.574	116.48	21.198	5.0385	.33749	28.952
#1	.00002	-.00071	-.01749	.00126	-.00136	.07409	-.00371	.00422
#2	-.00045	-.00025	-.01295	.00004	-.00145	.06979	-.00373	.00414
#3	-.00037	-.00079	-.01873	.00034	-.00095	.06706	-.00372	.00669
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00052	.00055	.03429	.00282	-.00033	-.00744	.13934	
Stddev	.00019	.00016	.00224	.00014	.00153	.00061	.00707	
%RSD	35.444	28.190	6.5391	4.8285	455.63	8.1823	5.0754	
#1	.00050	.00045	.03217	.00294	-.00205	-.00680	.14748	
#2	.00035	.00048	.03663	.00284	.00086	-.00801	.13584	
#3	.00072	.00073	.03406	.00267	.00019	-.00750	.13470	

Sample Name: S0 Acquired: 12/11/2024 13:26:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.8	25278.	1940.8	1787.3	3211.1
Stddev	6.9	14.	10.4	9.2	10.9
%RSD	.30231	.05438	.53522	.51613	.34030
#1	2280.0	25275.	1938.1	1787.4	3202.1
#2	2283.9	25265.	1932.1	1778.0	3207.8
#3	2293.5	25293.	1952.3	1796.5	3223.3

Sample Name: S1 Acquired: 12/11/2024 13:33:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2.1427	.00206	.00218	.00218	.01033	.03114	1.0985	.08828
Stddev	.6597	.00014	.00029	.00015	.00057	.00188	.0098	.00197
%RSD	30.787	6.8860	13.398	6.6599	5.4914	6.0231	.89628	2.2366
#1	2.8963	.00222	.00242	.00226	.01094	.02898	1.1020	.08703
#2	1.6698	.00194	.00228	.00227	.01023	.03209	1.1061	.08726
#3	1.8620	.00202	.00186	.00201	.00982	.03235	1.0874	.09056
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	.01717	.35795	.00389	.05088	.00832	.00437	.00652	.07398
Stddev	.00015	.00220	.00020	.00009	.00080	.00088	.00043	.00033
%RSD	.86815	.61380	5.1578	.18249	9.5962	20.079	6.5741	.43959
#1	.01702	.35608	.00366	.05079	.00919	.00537	.00641	.07371
#2	.01732	.35739	.00398	.05097	.00817	.00399	.00699	.07389
#3	.01717	.36037	.00403	.05088	.00761	.00374	.00616	.07434
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	.02267	.00337	.02700	.00880	.00281	.23215	-.00318	.00456
Stddev	.00012	.00026	.00710	.00044	.00019	.00422	.00024	.00277
%RSD	.54254	7.5782	26.314	5.0556	6.6104	1.8184	7.6311	60.691
#1	.02275	.00338	.02568	.00829	.00302	.22955	-.00338	.00634
#2	.02253	.00362	.03467	.00899	.00269	.23702	-.00291	.00597
#3	.02274	.00311	.02064	.00911	.00272	.22988	-.00325	.00137
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00941	.00454	.53533	.00365	.03888	.93864	.11948	
Stddev	.00014	.00017	.00448	.00016	.00133	.00317	.00273	
%RSD	1.4892	3.7471	.83628	4.5151	3.4156	.33758	2.2863	
#1	.00934	.00436	.53168	.00383	.03776	.93506	.11641	
#2	.00957	.00457	.53398	.00361	.03855	.94107	.12165	
#3	.00931	.00470	.54032	.00351	.04035	.93978	.12037	

Sample Name: S1 Acquired: 12/11/2024 13:33:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.7	25283.	1940.9	1793.7	3226.4
Stddev	3.0	107.	10.8	11.0	6.9
%RSD	.13194	.42152	.55498	.61062	.21432
#1	2293.6	25277.	1945.9	1789.0	3218.5
#2	2297.1	25179.	1948.2	1785.9	3229.2
#3	2299.6	25392.	1928.5	1806.2	3231.5

Sample Name: S2 Acquired: 12/11/2024 13:37:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	313.48	.12894	1.3340	.08826	.21604	5.4100	12.335	2.0664
Stddev	1.31	.00044	.0018	.00040	.00025	.0116	.056	.0138
%RSD	.41813	.33853	.13582	.45519	.11346	.21484	.45499	.66818

#1	314.50	.12918	1.3322	.08828	.21617	5.4135	12.345	2.0823
#2	312.00	.12844	1.3358	.08785	.21619	5.3970	12.274	2.0571
#3	313.92	.12921	1.3341	.08865	.21576	5.4195	12.385	2.0599

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2328	4.3899	1.3537	.63830	.75207	1.3356	1.6517	.95707
Stddev	.0016	.0031	.0022	.00081	.00327	.0051	.0056	.00474
%RSD	.07056	.07160	.16050	.12733	.43434	.38179	.33790	.49484

#1	2.2333	4.3900	1.3544	.63751	.75522	1.3415	1.6473	.95439
#2	2.2310	4.3868	1.3555	.63827	.75230	1.3323	1.6579	.96254
#3	2.2340	4.3931	1.3513	.63913	.74869	1.3331	1.6497	.95429

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	.35907	.12399	.29004	.09721	.23308	1.3289	.07319	1.2469
Stddev	.00029	.00009	.00639	.00058	.00219	.0019	.00035	.0128
%RSD	.07978	.07070	2.2026	.59331	.93861	.14394	.47580	1.0298

#1	.35917	.12407	.29701	.09785	.23057	1.3267	.07331	1.2615
#2	.35930	.12400	.28446	.09705	.23405	1.3299	.07345	1.2375
#3	.35875	.12390	.28865	.09674	.23461	1.3301	.07279	1.2416

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.1455	.05349	2.7945	.22040	.51210	11.472	1.8664	
Stddev	.0027	.00011	.0242	.00046	.00363	.023	.0076	
%RSD	.23535	.20098	.86416	.20914	.70790	.19641	.40457	

#1	1.1483	.05359	2.8220	.22029	.50820	11.456	1.8734	
#2	1.1430	.05338	2.7849	.22090	.51537	11.497	1.8584	
#3	1.1451	.05351	2.7767	.22000	.51272	11.462	1.8674	

Sample Name: S2 Acquired: 12/11/2024 13:37:29 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.4	24689.	1950.0	1714.2	2964.5
Stddev	2.8	92.	9.2	4.5	3.4
%RSD	.12572	.37205	.47176	.26267	.11555
#1	2197.2	24794.	1939.4	1719.1	2964.3
#2	2201.7	24623.	1956.0	1710.3	2961.2
#3	2202.2	24649.	1954.5	1713.1	2968.0

Sample Name: S3 Acquired: 12/11/2024 13:41:18 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	613.38	.25528	2.6665	.17588	.43572	10.692	24.405	4.0545
Stddev	2.05	.00005	.0039	.00050	.00030	.030	.056	.0260
%RSD	.33375	.02013	.14636	.28434	.06792	.28165	.22980	.64229

#1	614.55	.25530	2.6632	.17613	.43538	10.693	24.428	4.0779
#2	611.02	.25522	2.6654	.17531	.43592	10.722	24.445	4.0265
#3	614.58	.25531	2.6708	.17621	.43586	10.661	24.341	4.0591

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4546	8.6077	2.6383	1.2604	1.4745	2.6205	3.2312	1.8731
Stddev	.0064	.0169	.0033	.0020	.0042	.0088	.0065	.0047
%RSD	.14413	.19681	.12679	.15995	.28549	.33420	.20004	.24975

#1	4.4511	8.6189	2.6345	1.2583	1.4706	2.6171	3.2283	1.8719
#2	4.4507	8.6160	2.6400	1.2607	1.4789	2.6305	3.2386	1.8782
#3	4.4620	8.5882	2.6405	1.2623	1.4740	2.6140	3.2266	1.8690

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	.71882	.24651	.58279	.19139	.47053	2.5995	.15315	2.4429
Stddev	.00105	.00019	.00418	.00130	.00349	.0045	.00023	.0096
%RSD	.14666	.07645	.71641	.68149	.74265	.17405	.14751	.39132

#1	.71848	.24649	.58690	.19237	.46750	2.6045	.15338	2.4461
#2	.71798	.24632	.58291	.18991	.47435	2.5956	.15293	2.4322
#3	.72000	.24670	.57855	.19188	.46974	2.5985	.15315	2.4505

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.3026	.10954	5.3684	.44240	1.0065	22.733	3.6191	
Stddev	.0017	.00031	.0220	.00136	.0043	.027	.0113	
%RSD	.07492	.27943	.40988	.30641	.43201	.12086	.31126	

#1	2.3006	.10927	5.3868	.44199	1.0088	22.744	3.6233	
#2	2.3033	.10949	5.3440	.44130	1.0093	22.753	3.6276	
#3	2.3038	.10987	5.3744	.44391	1.0015	22.701	3.6063	

Sample Name: S3 Acquired: 12/11/2024 13:41:18 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.9	24368.	1945.0	1655.3	2848.0
Stddev	2.1	38.	8.6	3.2	2.6
%RSD	.10088	.15659	.44474	.19064	.09158
#1	2120.1	24391.	1935.4	1657.3	2846.8
#2	2124.2	24324.	1952.2	1651.6	2850.9
#3	2121.2	24389.	1947.2	1656.8	2846.1

Sample Name: S4 Acquired: 12/11/2024 13:45:05 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	1195.1	.50632	5.4319	.36208	.90995	21.593	49.234	8.0026
Stddev	3.9	.00082	.0057	.00091	.00115	.058	.146	.0151
%RSD	.32430	.16220	.10561	.25214	.12688	.26916	.29590	.18829
#1	1192.2	.50687	5.4353	.36229	.90931	21.610	49.289	7.9853
#2	1193.5	.50671	5.4253	.36108	.91128	21.641	49.345	8.0101
#3	1199.5	.50537	5.4352	.36286	.90926	21.528	49.069	8.0125
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	8.9589	17.153	5.2386	2.5168	2.9603	5.2032	6.4016	3.7496
Stddev	.0120	.038	.0063	.0028	.0114	.0107	.0271	.0118
%RSD	.13372	.21981	.11944	.11154	.38534	.20644	.42295	.31536
#1	8.9646	17.149	5.2318	2.5182	2.9539	5.2082	6.3738	3.7381
#2	8.9452	17.192	5.2442	2.5135	2.9734	5.2106	6.4279	3.7617
#3	8.9670	17.117	5.2397	2.5186	2.9534	5.1909	6.4030	3.7491
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	1.4422	.50113	1.1833	.38368	1.0028	5.2324	.31897	4.7688
Stddev	.0026	.00105	.0023	.00142	.0027	.0037	.00051	.0080
%RSD	.18153	.20869	.19393	.37058	.26385	.07064	.16077	.16794
#1	1.4441	.49997	1.1859	.38204	1.0058	5.2366	.31864	4.7596
#2	1.4392	.50201	1.1815	.38455	1.0010	5.2311	.31871	4.7740
#3	1.4432	.50141	1.1824	.38446	1.0015	5.2296	.31956	4.7728
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.7944	.22575	10.468	.89600	2.0315	45.872	7.2277	
Stddev	.0008	.00112	.030	.00134	.0037	.153	.0191	
%RSD	.01646	.49492	.29036	.14945	.18023	.33279	.26383	
#1	4.7944	.22668	10.440	.89607	2.0285	45.742	7.2220	
#2	4.7936	.22451	10.500	.89462	2.0356	46.040	7.2490	
#3	4.7951	.22606	10.463	.89730	2.0304	45.833	7.2121	

Sample Name: S4 Acquired: 12/11/2024 13:45:05 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.2	23417.	1916.3	1520.9	2691.9
Stddev	1.4	58.	3.9	5.8	3.5
%RSD	.07076	.24764	.20274	.38373	.13097
#1	1968.0	23353.	1915.5	1514.4	2687.8
#2	1968.9	23433.	1913.0	1525.7	2693.9
#3	1970.7	23465.	1920.6	1522.6	2693.9

Sample Name: S5 Acquired: 12/11/2024 13:48:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	2301.7	.99177	10.876	.78144	2.0071	43.528	98.100	15.759
Stddev	5.7	.00146	.018	.00186	.0073	.071	.460	.166
%RSD	.24697	.14727	.16156	.23741	.36227	.16237	.46935	1.0513
#1	2297.2	.99020	10.870	.77955	1.9994	43.480	97.569	15.857
#2	2299.9	.99203	10.862	.78150	2.0082	43.609	98.347	15.852
#3	2308.1	.99308	10.896	.78326	2.0138	43.496	98.385	15.568
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	17.747	33.750	10.281	5.0026	5.8810	10.208	12.571	7.4135
Stddev	.018	.031	.078	.0061	.0064	.006	.010	.0051
%RSD	.10217	.09101	.75858	.12144	.10938	.06225	.07610	.06879
#1	17.739	33.717	10.369	5.0004	5.8753	10.202	12.560	7.4105
#2	17.734	33.777	10.219	4.9979	5.8796	10.207	12.574	7.4194
#3	17.768	33.757	10.256	5.0095	5.8880	10.215	12.578	7.4106
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8680	1.0208	2.3969	.76031	2.2217	10.587	.65544	9.1796
Stddev	.0038	.0034	.0056	.00237	.0186	.015	.00057	.0719
%RSD	.13229	.33096	.23206	.31199	.83745	.14516	.08668	.78312
#1	2.8685	1.0243	2.3926	.75780	2.2103	10.583	.65515	9.2221
#2	2.8641	1.0203	2.3950	.76251	2.2117	10.604	.65508	9.2200
#3	2.8716	1.0176	2.4032	.76063	2.2432	10.574	.65610	9.0966
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	10.445	.46587	20.322	1.7883	4.0317	90.480	14.485	
Stddev	.027	.00117	.188	.0021	.0020	.387	.026	
%RSD	.26099	.25179	.92431	.11650	.05015	.42794	.17672	
#1	10.423	.46475	20.435	1.7866	4.0309	90.858	14.456	
#2	10.438	.46578	20.427	1.7877	4.0301	90.498	14.504	
#3	10.476	.46709	20.106	1.7906	4.0340	90.085	14.495	

Sample Name: S5 Acquired: 12/11/2024 13:48:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.6	22493.	1892.3	1317.2	2526.0
Stddev	.5	63.	8.8	8.7	4.3
%RSD	.03065	.27787	.46757	.65744	.16865
#1	1719.7	22502.	1885.7	1314.5	2521.3
#2	1719.0	22551.	1888.8	1326.9	2527.0
#3	1720.1	22427.	1902.4	1310.3	2529.6

Sample Name: S6 Acquired: 12/11/2024 13:53:03 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	114.95	54.174	26.594	11.193	6.4846
Stddev	1.36	.032	.006	.015	.0092
%RSD	1.1824	.05821	.02225	.13670	.14245
#1	113.38	54.166	26.590	11.181	6.4751
#2	115.73	54.148	26.601	11.187	6.4853
#3	115.73	54.209	26.592	11.210	6.4935
Int. Std.	Y_3710				
Units	Cts/S				
Avg	1854.3				
Stddev	2.2				
%RSD	.12029				
#1	1856.9				
#2	1852.7				
#3	1853.3				

Sample Name: ICV015 Acquired: 12/11/2024 15:11:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.025084	.9997365	.9771505	.9142147	.9084024	2.400949
Stddev	.000744	.0124056	.0122744	.0112539	.0097762	.026061
%RSD	.0726189	1.240886	1.256147	1.230994	1.076200	1.085446

#1	1.024466	.9936020	.9693706	.9120520	.9045455	2.373800
#2	1.024876	.9915932	.9707806	.9041991	.9011428	2.403280
#3	1.025911	1.014014	.9913005	.9263930	.9195187	2.425765

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5155430	.5259056	.4816839	10.36001	.5565604	.5074528
Stddev	.0036025	.0025081	.0058300	.06029	.0010478	.0062489
%RSD	.6987730	.4769152	1.210332	.5819621	.1882628	1.231421

#1	.5118351	.5257384	.4784998	10.30923	.5575836	.5040471
#2	.5157640	.5234852	.4781394	10.34416	.5566079	.5036465
#3	.5190299	.5284931	.4884126	10.42664	.5554896	.5146646

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5033523	10.58153	.5280927	6.047486	.5143586	.2470802
Stddev	.0091227	.04315	.0039578	.055667	.0068380	.0005661
%RSD	1.812394	.4077682	.7494519	.9205018	1.329419	.2291264

#1	.4950595	10.53236	.5237158	6.094685	.5102823	.2475962
#2	.5018732	10.59913	.5314197	5.986098	.5105405	.2471697
#3	.5131242	10.61309	.5291427	6.061676	.5222531	.2464746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.625896	.5125938	1.043881	8.921072	F -.002152	F -.024261
Stddev	.361676	.0023984	.004804	.125759	.001869	.001894
%RSD	3.757326	.4678890	.4602184	1.409682	86.85103	7.808292

#1	9.214875	.5150983	1.047236	8.850864	-.000436	-.026434
#2	9.767326	.5123651	1.038378	8.846093	-.001877	-.023396
#3	9.895486	.5103179	1.046030	9.066260	-.004143	-.022954

Sample Name: ICV015 Acquired: 12/11/2024 15:11:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000631	F .0084695	F -.002746	F -.011702	F -.001212	F -.009302
Stddev	.000252	.0023881	.000333	.000277	.002373	.000108
%RSD	39.98134	28.19661	12.11051	2.367270	195.7928	1.161719

#1	-.000700	.0068560	-.002680	-.011554	-.000934	-.009178
#2	-.000841	.0112128	-.003106	-.012022	.001010	-.009372
#3	-.000351	.0073396	-.002451	-.011531	-.003712	-.009357

Elem	Li6707
Units	ppm
Avg	F -.048572
Stddev	.002245
%RSD	4.621785

#1	-.046698
#2	-.051060
#3	-.047957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.739	25591.88	1990.016	1801.501	3186.523
Stddev	17.593	147.50	.860	11.890	32.858
%RSD	.7683596	.5763522	.0432275	.6599832	1.031141

#1	2297.471	25604.68	1990.781	1793.841	3204.647
#2	2302.142	25438.40	1990.181	1795.464	3206.327
#3	2269.604	25732.56	1989.085	1815.198	3148.594

Sample Name: ICB015 Acquired: 12/11/2024 15:20:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002359	.0009896	-.001535	.0016164	.0000148	-.004942
Stddev	.001856	.0018528	.001250	.0002769	.0007122	.015003
%RSD	78.66436	187.2273	81.43462	17.13253	4811.803	303.5920

#1	-.002093	-.000681	-.002656	.0012977	.0007068	.008222
#2	-.004334	.002983	-.000187	.0017528	-.000716	-.001770
#3	-.000651	.000667	-.001763	.0017986	.000054	-.021278

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005361	-.000039	.0000987	.0138635	.0000303	.0004016
Stddev	.000302	.000067	.0000848	.0124315	.0003426	.0003175
%RSD	5.626821	173.5626	85.94446	89.67113	1129.426	79.06215

#1	-.005178	-.000074	.0000193	.0275842	-.000343	.0000471
#2	-.005709	.000039	.0000888	.0106567	.000102	.0006598
#3	-.005196	-.000081	.0001881	.0033495	.000331	.0004979

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008372	.0187018	-.000019	.0458252	-.000307	.0000583
Stddev	.009209	.0512115	.001058	.0333087	.000222	.0000886
%RSD	109.9998	273.8313	5614.817	72.68657	72.26738	152.0255

#1	-.010217	.0775504	.001100	.0126149	-.000393	.0000220
#2	-.016518	-.015748	-.000153	.0456291	-.000473	.0001593
#3	.001620	-.005697	-.001003	.0792315	-.000055	-.000006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1530999	-.001111	.0082656	-.602732	-.000518	-.000639
Stddev	.8899442	.004960	.0023512	.096889	.000510	.001560
%RSD	581.2833	446.5847	28.44500	16.07493	98.42408	244.1659

#1	1.083635	-.003186	.0078192	-.538820	-.000935	-.001602
#2	.065430	-.004695	.0061696	-.555165	.000051	-.001476
#3	-.689765	.004550	.0108080	-.714210	-.000671	.001161

Sample Name: ICB015 Acquired: 12/11/2024 15:20:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001011	-.002023	-.003938	F -.010592	.0001639	.0001472
Stddev	.0002299	.001930	.000566	.001246	.0022714	.0001689
%RSD	227.4236	95.39306	14.36115	11.76265	1386.090	114.7872
#1	.0002003	-.000043	-.003968	-.011985	.0027484	.0003157
#2	.0002646	-.003897	-.003358	-.010207	-.001515	.0001479
#3	-.000162	-.002128	-.004488	-.009584	-.000742	-.000022

Elem	Li6707
Units	ppm
Avg	F -.067684
Stddev	.005300
%RSD	7.831068
#1	-.062162
#2	-.068160
#3	-.072731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.602	25440.76	1941.617	1794.834	3204.690
Stddev	3.072	115.19	8.669	5.578	4.249
%RSD	.1343578	.4527854	.4464610	.3107690	.1325941
#1	2286.352	25550.83	1933.775	1798.937	3203.415
#2	2283.662	25450.39	1940.150	1797.081	3201.225
#3	2289.791	25321.05	1950.925	1788.483	3209.431

Sample Name: ICSA015 Acquired: 12/11/2024 15:24:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000393	.0074744	-.000185	-.017549	-.009014	241.3918
Stddev	.002218	.0016249	.000980	.004313	.003576	.7128
%RSD	564.4727	21.73940	529.7352	24.57943	39.67571	.2952740

#1	.001968	.0057945	.000838	-.014250	-.013082	240.9892
#2	-.002433	.0090380	-.000278	-.022430	-.006368	240.9714
#3	-.000714	.0075905	-.001116	-.015966	-.007590	242.2148

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001616	.0015820	.0002315	251.2280	.0543062	.0309424
Stddev	.001669	.0000810	.0001266	.6986	.0003569	.0001023
%RSD	103.2318	5.122629	54.67213	.2780650	.6572673	.3307098

#1	.000168	.0015986	.0000988	250.9381	.0541895	.0310414
#2	-.003138	.0014940	.0003510	250.7211	.0540222	.0309487
#3	-.001879	.0016535	.0002449	252.0249	.0547068	.0308370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017838	102.9669	.0130381	252.5961	.0071937	-.000371
Stddev	.007463	.3528	.0016851	.9740	.0012908	.000655
%RSD	41.83887	.3426038	12.92403	.3855769	17.94313	176.7445

#1	-.009515	102.8815	.0111063	251.4715	.0085170	-.001114
#2	-.020062	102.6647	.0138028	253.1572	.0059382	.000121
#3	-.023936	103.3545	.0142053	253.1597	.0071257	-.000118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214743	-.000050	-.017262	-.893029	-.002464	F -.206798
Stddev	.5805235	.004259	.006908	.191386	.000710	.002364
%RSD	477.8980	8471.410	40.02054	21.43109	28.82198	1.143288

#1	.0388788	.004304	-.009423	-1.10963	-.002414	-.205077
#2	-.413328	-.000248	-.022460	-.82272	-.003198	-.205822
#3	.738872	-.004207	-.019904	-.74674	-.001780	-.209494

Sample Name: ICSA015 Acquired: 12/11/2024 15:24:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003583	.0137899	-.005046	-.001907	.0003764	.0027062
Stddev	.000337	.0043438	.000339	.000641	.0019727	.0002469
%RSD	9.398091	31.49976	6.724505	33.61109	524.0967	9.124883
#1	-.003200	.0102244	-.005417	-.001754	.0022454	.0024211
#2	-.003717	.0125176	-.004751	-.001356	-.001686	.0028530
#3	-.003832	.0186278	-.004969	-.002610	.000570	.0028444

Elem	Li6707
Units	ppm
Avg	F -.056073
Stddev	.004737
%RSD	8.448360
#1	-.050604
#2	-.058718
#3	-.058897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.535	23682.23	1950.083	1701.218	2825.982
Stddev	5.237	69.51	5.349	4.782	9.570
%RSD	.2383051	.2935283	.2742911	.2810741	.3386269
#1	2193.988	23755.49	1955.976	1704.956	2819.016
#2	2203.550	23674.01	1948.737	1702.869	2836.894
#3	2195.067	23617.19	1945.536	1695.830	2822.037

Sample Name: ICSAB015 Acquired: 12/11/2024 15:28:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988346	.1089710	.0524253	.0198003	.5399187	242.0388
Stddev	.0026284	.0008607	.0042559	.0093622	.0034197	.3197
%RSD	2.659395	.7898506	8.118005	47.28312	.6333656	.1320788

#1	.1014605	.1096477	.0565689	.0172523	.5390888	242.4014
#2	.0962037	.1080022	.0526416	.0301727	.5369903	241.7977
#3	.0988398	.1092631	.0480654	.0119758	.5436769	241.9173

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5245663	.5304354	.9862950	249.8197	.6090870	.5338239
Stddev	.0026371	.0019498	.0022447	.5855	.0012758	.0016771
%RSD	.5027195	.3675916	.2275857	.2343841	.2094523	.3141708

#1	.5275849	.5297818	.9850114	250.3888	.6103927	.5328713
#2	.5234041	.5288964	.9849867	249.8512	.6078435	.5328401
#3	.5227099	.5326281	.9888869	249.2190	.6090248	.5357604

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4679749	102.8982	.5283019	252.0589	1.028892	.1924289
Stddev	.0026950	.2974	.0020042	.4024	.002003	.0003479
%RSD	.5758831	.2890445	.3793617	.1596297	.1947050	.1807979

#1	.4687256	103.0195	.5292419	252.5234	1.028896	.1927652
#2	.4702149	103.1158	.5260005	251.8200	1.026886	.1924511
#3	.4649841	102.5593	.5296633	251.8333	1.030893	.1920704

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.309614	.5154581	.8891321	-1.12906	-.006511	F -.202499
Stddev	.817475	.0084928	.0186204	.01524	.001938	.001209
%RSD	264.0307	1.647615	2.094223	1.349649	29.76138	.5969005

#1	.575896	.5252214	.9106121	-1.12485	-.004964	-.203601
#2	-1.03551	.5113738	.8792142	-1.11636	-.005884	-.201206
#3	-.46922	.5097792	.8775699	-1.14595	-.008684	-.202690

Sample Name: ICSAB015 Acquired: 12/11/2024 15:28:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003594	.0186056	-.005203	-.001911	-.006776	.0034627
Stddev	.000625	.0027592	.000501	.000598	.006656	.0004367
%RSD	17.38851	14.83014	9.629229	31.27486	98.23159	12.61025
#1	-.003970	.0165964	-.005274	-.002021	-.004498	.0030934
#2	-.003939	.0217516	-.004670	-.001266	-.001558	.0033502
#3	-.002872	.0174688	-.005664	-.002447	-.014272	.0039447
Elem	Li6707					
Units	ppm					
Avg	F -.066214					
Stddev	.001548					
%RSD	2.338043					
#1	-.066344					
#2	-.067693					
#3	-.064605					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2178.653	23702.20	1966.974	1700.953	2813.401	
Stddev	3.588	84.49	7.691	10.824	4.538	
%RSD	.1647096	.3564767	.3910233	.6363360	.1613085	
#1	2177.877	23627.40	1967.217	1688.460	2813.232	
#2	2182.566	23793.84	1974.541	1707.527	2818.021	
#3	2175.516	23685.36	1959.164	1706.871	2808.949	

Sample Name: CCV097 Acquired: 12/11/2024 15:33:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.807723	4.827294	24.31387	4.694605	4.713194	393.8444
Stddev	.007564	.006113	.04919	.026516	.003887	.8207
%RSD	.1573257	.1266329	.2023084	.5648277	.0824771	.2083836

#1	4.804880	4.822393	24.31492	4.667849	4.709192	393.9870
#2	4.801992	4.825345	24.26416	4.695090	4.713434	394.5844
#3	4.816296	4.834144	24.36253	4.720876	4.716955	392.9617

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.882276	.4942111	2.450551	397.0701	15.35597	2.466589
Stddev	.018634	.0056526	.004091	.9714	.03173	.005158
%RSD	.1885597	1.143761	.1669522	.2446369	.2066206	.2091012

#1	9.880876	.4970811	2.449896	397.8228	15.38747	2.465011
#2	9.901571	.4978531	2.446827	397.4138	15.32402	2.462404
#3	9.864382	.4876993	2.454930	395.9735	15.35643	2.472351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69953	401.7996	14.58809	395.0493	2.476261	1.267988
Stddev	.01363	.3082	.06676	1.4059	.003303	.001543
%RSD	.0927445	.0766975	.4576511	.3558847	.1333704	.1216508

#1	14.71515	401.9475	14.64370	396.3344	2.478193	1.268331
#2	14.69342	402.0059	14.60651	395.2659	2.472448	1.266303
#3	14.69002	401.4454	14.51405	393.5477	2.478143	1.269330

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	388.9588	2.470889	14.12800	150.3497	4.900959	F 4.298240
Stddev	.8728	.001484	.05154	.3057	.011483	.040794
%RSD	.2243955	.0600538	.3648247	.2033086	.2342926	.9490883

#1	389.6747	2.472545	14.09399	150.3917	4.907557	4.321365
#2	389.2152	2.469680	14.10271	150.6322	4.887700	4.322216
#3	387.9865	2.470441	14.18731	150.0252	4.907620	4.251137

Sample Name: CCV097 Acquired: 12/11/2024 15:33:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.676506	4.928164	4.860582	4.922656	4.861946	4.705427
Stddev	.009391	.007027	.053489	.009192	.010269	.006466
%RSD	.2008131	.1425825	1.100463	.1867373	.2112127	.1374206
#1	4.671754	4.934583	4.899433	4.916150	4.869928	4.707031
#2	4.670440	4.929251	4.882737	4.918645	4.865549	4.710940
#3	4.687323	4.920656	4.799575	4.933172	4.850361	4.698310
Elem	Li6707					
Units	ppm					
Avg	4.967136					
Stddev	.009856					
%RSD	.1984338					
#1	4.967063					
#2	4.977029					
#3	4.957317					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1907.792	22539.90	1917.994	1473.952	2576.541	
Stddev	1.682	135.45	16.187	6.282	2.230	
%RSD	.0881693	.6009399	.8439604	.4262129	.0865395	
#1	1909.368	22455.53	1903.188	1470.927	2577.931	
#2	1907.986	22696.14	1915.518	1481.174	2577.724	
#3	1906.021	22468.03	1935.277	1469.754	2573.970	

Sample Name: CCB097 Acquired: 12/11/2024 15:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000574	.0018181	.0004549	-.001067	-.000141	.0001667
Stddev	.000563	.0023780	.0020839	.003530	.000541	.0171499
%RSD	98.09283	130.7958	458.1586	330.8844	382.2534	10289.24

#1	-.001213	.0017230	.0028593	-.001943	-.000766	.0199435
#2	-.000152	-.000511	-.000666	-.004075	.000179	-.010602
#3	-.000357	.004242	-.000829	.002819	.000162	-.008841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003548	.0000382	.0000771	.0346964	.0004010	.0003698
Stddev	.000817	.0000070	.0000796	.0136502	.0003311	.0003302
%RSD	23.03938	18.17948	103.3439	39.34187	82.55609	89.29568

#1	-.004376	.0000454	.0000593	.0282269	.0001806	.0000246
#2	-.003526	.0000376	.0000078	.0254838	.0007817	.0004021
#3	-.002741	.0000316	.0001641	.0503786	.0002407	.0006826

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056920	.0075199	.0002050	-.021484	.0002482	-.000665
Stddev	.0036562	.0101344	.0006614	.020258	.0004027	.000217
%RSD	64.23267	134.7675	322.6458	94.29461	162.2636	32.70345

#1	.0085603	-.002471	-.000465	-.008161	.0002242	-.000705
#2	.0069408	.007238	.000223	-.044797	.0006623	-.000860
#3	.0015751	.017792	.000857	-.011495	-.000142	-.000430

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.12508	-.006022	.0103364	-.672899	.0012060	.0096142
Stddev	.67819	.011102	.0055925	.022294	.0013232	.0017129
%RSD	60.27881	184.3416	54.10541	3.313126	109.7173	17.81637

#1	-1.57094	-.000635	.0048411	-.647340	.0023648	.0115238
#2	-1.45969	-.018790	.0160213	-.688335	.0014890	.0082133
#3	-.34462	.001358	.0101467	-.683023	-.000236	.0091054

Sample Name: CCB097 Acquired: 12/11/2024 15:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.000031	-0.004465	-0.003289	F -0.009400	.0023645	.0006193
Stddev	.000270	.005074	.000180	.000395	.0021746	.0001379
%RSD	885.5867	113.6411	5.470378	4.201374	91.96626	22.26208
#1	-0.000321	-0.005916	-0.003292	-0.008968	.0020495	.0004627
#2	.000015	-0.008655	-0.003108	-0.009743	.0046795	.0006729
#3	.000214	.001177	-0.003467	-0.009488	.0003647	.0007223

Elem	Li6707
Units	ppm
Avg	F -0.055137
Stddev	.002002
%RSD	3.631650
#1	-0.053001
#2	-0.055438
#3	-0.056972

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.179	25373.88	1971.817	1801.671	3198.416
Stddev	5.733	156.07	5.929	13.556	9.186
%RSD	.2508965	.6150780	.3006804	.7524021	.2872067
#1	2286.342	25477.46	1977.475	1813.359	3198.685
#2	2290.241	25194.37	1972.325	1786.810	3207.464
#3	2278.953	25449.79	1965.650	1804.843	3189.098

Sample Name: PB165217BL Acquired: 12/11/2024 15:41:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001976	.0009631	-.002197	-.003460	-.000633	-.021451
Stddev	.001561	.0004750	.001832	.002597	.001774	.029222
%RSD	79.01544	49.32521	83.39908	75.06238	280.3915	136.2287

#1	-.001475	.0014583	-.000397	-.006386	.000923	.006275
#2	-.003726	.0009197	-.004060	-.002564	-.000257	-.051968
#3	-.000727	.0005112	-.002134	-.001429	-.002564	-.018659

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003046	.0000123	.0000062	.0148768	-.000655	.0001486
Stddev	.001227	.0001138	.0000766	.0388828	.000451	.0002730
%RSD	40.27711	927.3133	1242.628	261.3646	68.79212	183.6945

#1	-.001811	.0001408	-.000081	.0368114	-.000611	-.000164
#2	-.004265	-.000076	.000036	.0378364	-.000228	.000272
#3	-.003063	-.000028	.000064	-.030017	-.001126	.000338

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025432	.0205908	-.000561	.0073412	.0001913	-.000366
Stddev	.0043856	.0157084	.001444	.0222830	.0006251	.000902
%RSD	172.4436	76.28859	257.1433	303.5352	326.8024	246.3466

#1	-.001317	.0044177	.000620	-.013156	.0006655	-.001300
#2	.001635	.0357891	-.000133	.004120	.0004254	.000501
#3	.007312	.0215656	-.002171	.031059	-.000517	-.000300

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.07837	.0023655	.0065935	-.820753	-.001352	.0012342
Stddev	.09277	.0052140	.0071564	.130164	.001723	.0013261
%RSD	8.603102	220.4158	108.5363	15.85907	127.4279	107.4485

#1	-1.13745	.0082606	.0048718	-.714310	-.002340	-.000112
#2	-1.12622	.0004773	.0004550	-.782078	.000637	.002539
#3	-.97144	-.001641	.0144537	-.965872	-.002353	.001275

Sample Name: PB165217BL Acquired: 12/11/2024 15:41:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS217 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002471	-.001014	-.004066	F -.011679	.0030873	.0000959
Stddev	.0004052	.002480	.000778	.000784	.0080976	.0002545
%RSD	163.9649	244.4859	19.12943	6.713202	262.2886	265.3524
#1	-.000211	.001833	-.004964	-.010788	-.000921	-.000183
#2	.000393	-.002697	-.003594	-.011986	.012407	.000316
#3	.000559	-.002179	-.003641	-.012264	-.002224	.000155
Elem	Li6707					
Units	ppm					
Avg	F -.066242					
Stddev	.003108					
%RSD	4.692596					
#1	-.066058					
#2	-.069439					
#3	-.063230					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2284.137	25450.18	1965.433	1809.395	3207.146	
Stddev	2.752	43.80	2.688	2.637	5.666	
%RSD	.1204630	.1721192	.1367743	.1457464	.1766538	
#1	2286.105	25453.68	1962.425	1807.282	3213.604	
#2	2285.312	25404.73	1966.275	1812.350	3203.012	
#3	2280.992	25492.13	1967.600	1808.552	3204.821	

Sample Name: PB165217BS Acquired: 12/11/2024 15:45:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS217 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186817	.0498045	.0155012	.0544728	.1059081	.3917495
Stddev	.0031115	.0012147	.0009673	.0013017	.0010624	.0159740
%RSD	16.65535	2.438920	6.240029	2.389651	1.003134	4.077608

#1	.0220138	.0503786	.0148275	.0559615	.1047754	.3873447
#2	.0181795	.0506257	.0166096	.0539083	.1068824	.4094638
#3	.0158519	.0484091	.0150666	.0535487	.1060664	.3784401

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4016921	.0105797	.0095740	10.25938	.0208082	.1017536
Stddev	.0019483	.0002107	.0000257	.02039	.0005011	.0001012
%RSD	.4850247	1.991546	.2689681	.1987771	2.408379	.0994280

#1	.4028890	.0107536	.0095443	10.28056	.0213748	.1017977
#2	.4027434	.0106401	.0095874	10.25768	.0206269	.1016379
#3	.3994439	.0103454	.0095903	10.23988	.0204229	.1018253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528547	.2167636	.0314265	10.17642	.0795300	.0196520
Stddev	.0042361	.0343322	.0010750	.03230	.0004834	.0005506
%RSD	8.014578	15.83854	3.420760	.3174081	.6078726	2.801534

#1	.0562258	.2558863	.0321600	10.21270	.0796083	.0190782
#2	.0480998	.2027482	.0319270	10.15077	.0790122	.0197019
#3	.0542385	.1916563	.0301925	10.16579	.0799695	.0201760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.277452	.1072542	.1115242	8.907833	.0167084	F -.000510
Stddev	.747774	.0064640	.0034030	.101679	.0018124	.000683
%RSD	8.060122	6.026801	3.051333	1.141461	10.84737	133.7648

#1	8.591569	.1128809	.1078549	8.935073	.0155174	.000104
#2	9.166148	.1001937	.1145763	8.993118	.0187942	-.000389
#3	10.07464	.1086878	.1121415	8.795308	.0158135	-.001246

Sample Name: PB165217BS Acquired: 12/11/2024 15:45:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS217 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177859	.1770708	F .4750726	F .0009424	.2010038	.2107578
Stddev	.0003684	.0056191	.0014851	.0011570	.0033979	.0007518
%RSD	2.071467	3.173373	.3126065	122.7758	1.690489	.3567328
#1	.0178956	.1796082	.4762084	.0022645	.2044861	.2101134
#2	.0173751	.1706305	.4756173	.0001151	.2008283	.2115838
#3	.0180871	.1809737	.4733920	.0004475	.1976970	.2105762

Elem	Li6707
Units	ppm
Avg	F -.042648
Stddev	.002673
%RSD	6.266933
#1	-.041267
#2	-.040947
#3	-.045728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.944	25286.29	1980.550	1791.311	3194.835
Stddev	2.491	69.19	8.422	4.928	4.426
%RSD	.1087066	.2736337	.4252408	.2750840	.1385281
#1	2291.565	25276.86	1971.525	1793.907	3192.024
#2	2294.604	25359.71	1981.925	1785.629	3199.937
#3	2289.665	25222.29	1988.200	1794.398	3192.545

Sample Name: PB165218BL Acquired: 12/11/2024 15:49:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001337	.0018111	-.002718	-.002143	-.000743	-.028639
Stddev	.000893	.0015441	.000909	.003199	.001499	.019684
%RSD	66.78013	85.25655	33.43368	149.2896	201.7545	68.73391

#1	-.000663	.0034924	-.003640	.000340	-.001425	-.010701
#2	-.000998	.0004566	-.002691	-.001015	.000976	-.025518
#3	-.002350	.0014842	-.001823	-.005753	-.001780	-.049697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004051	.0000151	.0000340	.0133927	-.000165	.0003255
Stddev	.000828	.0000422	.0001475	.0360476	.000612	.0006061
%RSD	20.44702	278.7576	433.9760	269.1595	371.8716	186.2173

#1	-.004674	-.000034	-.000000	-.018506	-.000666	.0001171
#2	-.004367	.000040	-.000094	.006185	-.000345	.0010082
#3	-.003111	.000039	.000196	.052500	.000517	-.000149

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032866	-.004595	-.002220	.0284062	-.000771	.0000458
Stddev	.0059913	.010121	.000481	.0529803	.000325	.0009464
%RSD	182.2924	220.2496	21.65255	186.5097	42.13508	2066.182

#1	-.003595	.006617	-.002492	-.029363	-.000430	-.000769
#2	.007341	-.007346	-.001665	.039856	-.001077	.001084
#3	.006114	-.013055	-.002503	.074726	-.000807	-.000177

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.05894	.0012857	.0028705	-.924290	-.000255	-.001667
Stddev	.87748	.0110338	.0034358	.070055	.002010	.001038
%RSD	82.86325	858.1870	119.6925	7.579343	788.8486	62.28937

#1	-.09167	.0034342	-.000943	-.903991	-.002038	-.000532
#2	-1.80382	-.010664	.003829	-1.00225	.001923	-.001899
#3	-1.28134	.011087	.005725	-.86663	-.000650	-.002569

Sample Name: PB165218BL Acquired: 12/11/2024 15:49:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS218 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001978	-.004672	-.003882	F -.012669	-.000115	.0001658
Stddev	.0000261	.001592	.000827	.000633	.000913	.0000611
%RSD	13.20013	34.08206	21.31202	4.994694	796.0186	36.85327
#1	.0001715	-.002835	-.004740	-.013396	-.000483	.0002177
#2	.0001982	-.005650	-.003088	-.012239	-.000786	.0000984
#3	.0002237	-.005532	-.003819	-.012373	.000925	.0001813
Elem	Li6707					
Units	ppm					
Avg	F -.073756					
Stddev	.004510					
%RSD	6.114102					
#1	-.073654					
#2	-.069299					
#3	-.078316					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2292.783	25407.43	1967.042	1798.081	3211.763	
Stddev	3.273	88.80	9.983	12.662	2.215	
%RSD	.1427397	.3494929	.5075227	.7041725	.0689612	
#1	2291.478	25499.03	1978.050	1809.897	3211.876	
#2	2296.507	25401.54	1958.575	1799.630	3213.920	
#3	2290.365	25321.73	1964.500	1784.717	3209.494	

Sample Name: PB165218BS Acquired: 12/11/2024 15:53:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184339	.0479211	.0157985	.0534196	.1025377	.3716601
Stddev	.0023313	.0004238	.0018875	.0030639	.0014132	.0076637
%RSD	12.64693	.8843262	11.94720	5.735471	1.378191	2.062027

#1	.0194657	.0474352	.0150133	.0504665	.1014590	.3642408
#2	.0200712	.0482138	.0144304	.0532089	.1041374	.3711927
#3	.0157647	.0481145	.0179519	.0565834	.1020167	.3795468

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3862906	.0101200	.0091454	9.922734	.0208375	.0983851
Stddev	.0011301	.0000482	.0000816	.034297	.0003949	.0003809
%RSD	.2925583	.4763742	.8926452	.3456453	1.895235	.3871294

#1	.3868076	.0101261	.0092239	9.905008	.0211440	.0987795
#2	.3849944	.0101650	.0090610	9.900927	.0203918	.0980194
#3	.3870697	.0100691	.0091511	9.962267	.0209766	.0983562

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534908	.1992183	.0309514	9.756994	.0767503	.0188292
Stddev	.0037025	.0238535	.0008678	.099002	.0004740	.0002620
%RSD	6.921755	11.97357	2.803679	1.014681	.6176105	1.391305

#1	.0577071	.2111568	.0300402	9.674898	.0762252	.0188009
#2	.0507696	.2147455	.0310460	9.866938	.0768793	.0185826
#3	.0519957	.1717527	.0317680	9.729145	.0771465	.0191042

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.277884	.0950008	.1146041	8.592954	.0163790	F -.000826
Stddev	.489729	.0086936	.0034633	.151684	.0006580	.002110
%RSD	5.278450	9.151085	3.021989	1.765219	4.017517	255.4733

#1	8.846834	.0958644	.1149504	8.711079	.0156906	-.003142
#2	9.810396	.1032304	.1178812	8.645889	.0164448	.000986
#3	9.176421	.0859076	.1109806	8.421896	.0170017	-.000322

Sample Name: PB165218BS Acquired: 12/11/2024 15:53:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS218 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172112	.1710102	F .4604718	F -.000387	.1937689	.2032246
Stddev	.0001316	.0044300	.0040466	.000686	.0014354	.0005761
%RSD	.7643099	2.590489	.8787935	177.1776	.7407596	.2834821
#1	.0173628	.1738620	.4651049	-.000048	.1935851	.2025794
#2	.0171279	.1659066	.4586804	.000063	.1924344	.2034069
#3	.0171428	.1732619	.4576301	-.001177	.1952874	.2036875

Elem	Li6707
Units	ppm
Avg	F -.051276
Stddev	.000628
%RSD	1.225604
#1	-.051876
#2	-.050623
#3	-.051330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.809	25342.04	1982.692	1804.517	3203.341
Stddev	9.811	35.84	6.889	4.847	12.687
%RSD	.4264207	.1414247	.3474501	.2685818	.3960497
#1	2294.347	25349.79	1975.125	1799.555	3194.901
#2	2312.098	25373.38	1988.600	1809.239	3217.931
#3	2295.981	25302.96	1984.350	1804.758	3197.192

Sample Name: PB165415BL Acquired: 12/11/2024 15:57:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS415 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001112	.0014857	-.002828	-.004191	-.000930	-.008850
Stddev	.002274	.0014564	.000870	.002769	.001492	.004487
%RSD	204.5334	98.02836	30.78472	66.06790	160.4402	50.69747

#1	.001193	.0013909	-.002698	-.001020	.000421	-.004102
#2	-.001175	.0000790	-.002029	-.005423	-.002532	-.009428
#3	-.003354	.0029873	-.003756	-.006131	-.000680	-.013019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005927	-.000078	.0000347	-.035655	.0001768	.0004192
Stddev	.000691	.000098	.0000561	.040611	.0005312	.0001060
%RSD	11.65391	126.4851	161.6224	113.8999	300.4436	25.27674

#1	-.006613	-.000188	.0000529	-.044527	.0002191	.0003127
#2	-.005232	-.000045	-.000028	.008658	.0006856	.0004203
#3	-.005937	.000000	.000079	-.071098	-.000374	.0005247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004026	-.005923	-.000599	.0148191	-.000362	-.000618
Stddev	.003840	.013992	.000685	.0272107	.000279	.000664
%RSD	95.38939	236.2517	114.3093	183.6198	77.06839	107.4579

#1	-.008381	.000252	-.000672	.0136439	-.000469	-.000362
#2	-.002571	.003920	.000119	.0425984	-.000046	-.000120
#3	-.001126	-.021940	-.001245	-.011785	-.000573	-.001372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.073352	-.000671	.0090088	-.763697	-.000352	-.001368
Stddev	.328354	.004203	.0038863	.174730	.000776	.002308
%RSD	447.6412	626.2547	43.13890	22.87948	220.5662	168.7683

#1	-.452443	-.004853	.0102557	-.939758	.000518	.001201
#2	.110412	.003552	.0121186	-.761005	-.000599	-.003269
#3	.121975	-.000712	.0046521	-.590329	-.000974	-.002035

Sample Name: PB165415BL Acquired: 12/11/2024 15:57:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS415 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000745	-.004499	-.004059	F -.012507	.0002224	.0002331
Stddev	.0000209	.003329	.000245	.000941	.0020362	.0002679
%RSD	28.06070	73.99959	6.034169	7.520282	915.5538	114.9414
#1	.0000843	-.007686	-.004159	-.013593	-.000285	.0001387
#2	.0000505	-.001044	-.003780	-.011961	-.001512	.0005355
#3	.0000888	-.004768	-.004238	-.011967	.002464	.0000252

Elem	Li6707
Units	ppm
Avg	F -.077952
Stddev	.005277
%RSD	6.768955
#1	-.075505
#2	-.084008
#3	-.074343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.984	25548.75	1952.658	1802.611	3199.820
Stddev	3.672	137.99	10.354	14.432	3.889
%RSD	.1606931	.5400951	.5302528	.8006057	.1215407
#1	2287.202	25705.67	1963.175	1818.938	3202.848
#2	2287.005	25446.35	1942.475	1797.336	3201.177
#3	2280.746	25494.23	1952.325	1791.558	3195.434

Sample Name: PB165415BS Acquired: 12/11/2024 16:01:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS415 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168478	.0484026	.0167262	.0513810	.1002166	.3892627
Stddev	.0008372	.0019815	.0005293	.0025191	.0028727	.0210674
%RSD	4.969137	4.093852	3.164439	4.902816	2.866480	5.412128

#1	.0160705	.0475688	.0170825	.0504392	.1025490	.3793589
#2	.0167388	.0506648	.0161180	.0542354	.0970078	.3749722
#3	.0177342	.0469742	.0169781	.0494685	.1010930	.4134570

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3841347	.0100405	.0089637	9.822013	.0206988	.0963993
Stddev	.0021450	.0001585	.0000404	.069991	.0005054	.0001731
%RSD	.5584051	1.578719	.4509078	.7125956	2.441894	.1795644

#1	.3836576	.0101164	.0089177	9.837952	.0205592	.0963650
#2	.3822684	.0101468	.0089936	9.745427	.0202779	.0962459
#3	.3864781	.0098583	.0089797	9.882660	.0212594	.0965870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528851	.2148804	.0305778	9.700990	.0739212	.0189305
Stddev	.0020069	.0128240	.0024753	.155654	.0007110	.0002686
%RSD	3.794904	5.967989	8.094935	1.604514	.9617680	1.419005

#1	.0539574	.2120174	.0277358	9.620616	.0745936	.0186913
#2	.0505698	.2288940	.0322621	9.601954	.0731771	.0188791
#3	.0541281	.2037298	.0317354	9.880400	.0739929	.0192211

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.667985	.0970835	.1183679	8.552485	.0161833	F .0013499
Stddev	.489578	.0027011	.0074994	.072009	.0018922	.0008440
%RSD	5.063904	2.782228	6.335663	.8419611	11.69239	62.52308

#1	9.294776	.0947035	.1108950	8.612617	.0142697	.0017217
#2	9.486864	.0965277	.1183152	8.572151	.0162268	.0003838
#3	10.22232	.1000192	.1258935	8.472686	.0180534	.0019442

Sample Name: PB165415BS Acquired: 12/11/2024 16:01:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS415 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169949	.1642462	F .4533934	F -.000323	.1940032	.2015892
Stddev	.0004653	.0025793	.0015176	.000693	.0038689	.0003299
%RSD	2.737653	1.570376	.3347273	214.6317	1.994222	.1636389
#1	.0173368	.1618998	.4537473	-.000207	.1955716	.2016253
#2	.0171829	.1670079	.4547027	-.001067	.1968416	.2012428
#3	.0164651	.1638308	.4517300	.000305	.1895964	.2018996

Elem	Li6707
Units	ppm
Avg	F -.048428
Stddev	.001333
%RSD	2.752697
#1	-.049586
#2	-.046971
#3	-.048728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.256	25301.99	1955.567	1786.607	3199.911
Stddev	2.081	152.56	5.143	4.414	1.800
%RSD	.0908247	.6029603	.2629947	.2470678	.0562559
#1	2292.274	25128.85	1950.850	1783.137	3200.461
#2	2288.862	25416.67	1954.800	1791.575	3197.900
#3	2292.631	25360.46	1961.050	1785.109	3201.372

Sample Name: PB165216BL Acquired: 12/11/2024 16:05:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS216 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001469	.0015343	-.002020	-.003440	.0016706	-.018485
Stddev	.001971	.0018281	.000278	.004461	.0031841	.011956
%RSD	134.1829	119.1432	13.75513	129.6842	190.5934	64.68088

#1	-.001631	.0010447	-.001967	.001520	.0053471	-.007374
#2	-.003354	.0035574	-.001772	-.007125	-.000132	-.016945
#3	.000578	.0000010	-.002320	-.004715	-.000203	-.031137

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004514	.0000311	.0000335	.0030048	.0002928	.0002520
Stddev	.000583	.0000967	.0001200	.0282215	.0007027	.0002035
%RSD	12.90957	310.9873	357.8395	939.2044	240.0108	80.76035

#1	-.003864	.0001078	.0001482	-.028480	.0008016	.0003730
#2	-.004689	.0000630	-.000091	.011470	-.000509	.0003659
#3	-.004989	-.000078	.000044	.026025	.000586	.0000170

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006707	.0135267	-.000581	.0281963	-.000176	-.000582
Stddev	.004670	.0167560	.001107	.0257412	.000353	.000091
%RSD	69.62510	123.8738	190.4179	91.29271	200.6204	15.56727

#1	-.007807	-.004369	-.001842	.0047167	-.000542	-.000687
#2	-.001586	.016105	.000235	.0241519	.000163	-.000534
#3	-.010729	.028844	-.000137	.0557203	-.000149	-.000526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.553987	-.003143	.0064255	-.807092	-.000690	-.003074
Stddev	.424598	.003408	.0009478	.137724	.001961	.001946
%RSD	76.64412	108.4390	14.75086	17.06425	284.2516	63.30284

#1	-1.04132	-.001420	.0053828	-.926094	-.001249	-.001239
#2	-.35684	-.000940	.0066589	-.656230	.001490	-.005115
#3	-.26380	-.007068	.0072348	-.838953	-.002310	-.002870

Sample Name: PB165216BL Acquired: 12/11/2024 16:05:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS216 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.000038	-0.004359	-0.004250	F -0.013125	-0.000620	.0001099
Stddev	.000199	.000870	.000504	.000773	.002472	.0002971
%RSD	524.3290	19.95510	11.85421	5.891391	398.9596	270.3484
#1	.000151	-0.004455	-0.004439	-0.013610	-0.001239	.0002913
#2	-0.000245	-0.003445	-0.003679	-0.012234	.002103	.0002713
#3	-0.000019	-0.005176	-0.004631	-0.013533	-0.002723	-0.000233

Elem	Li6707
Units	ppm
Avg	F -0.082870
Stddev	.004155
%RSD	5.013667
#1	-0.080852
#2	-0.080110
#3	-0.087648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.915	25414.81	1965.400	1802.138	3240.964
Stddev	19.655	68.51	11.913	8.817	31.693
%RSD	.8505350	.2695574	.6061437	.4892308	.9778909
#1	2294.061	25449.54	1966.500	1793.883	3216.709
#2	2332.506	25335.89	1952.975	1801.105	3276.824
#3	2306.179	25458.99	1976.725	1811.425	3229.359

Sample Name: PB165216BS Acquired: 12/11/2024 16:09:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS216 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196668	.0509807	.0161591	.0549784	.1057033	.3812910
Stddev	.0016461	.0016050	.0018624	.0011041	.0002302	.0042168
%RSD	8.369904	3.148335	11.52560	2.008296	.2177983	1.105917

#1	.0213964	.0527763	.0149354	.0551870	.1055835	.3784356
#2	.0181193	.0496854	.0183025	.0559633	.1055578	.3793033
#3	.0194847	.0504803	.0152394	.0537848	.1059688	.3861343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3938789	.0104391	.0093569	10.19899	.0217163	.1011001
Stddev	.0014317	.0000539	.0000124	.03664	.0002225	.0001656
%RSD	.3634827	.5167905	.1327104	.3592735	1.024467	.1637817

#1	.3925182	.0104838	.0093555	10.16798	.0219631	.1009906
#2	.3953723	.0103792	.0093699	10.18957	.0215311	.1010191
#3	.3937462	.0104543	.0093452	10.23942	.0216549	.1012906

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565264	.1958446	.0301177	10.18776	.0784435	.0187194
Stddev	.0008311	.0252322	.0017529	.03641	.0003725	.0006735
%RSD	1.470279	12.88377	5.820167	.3573611	.4748681	3.597936

#1	.0562849	.1668244	.0320616	10.19118	.0781719	.0194420
#2	.0574515	.2081108	.0286573	10.14976	.0782905	.0186071
#3	.0558428	.2125986	.0296343	10.22234	.0788682	.0181092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.033277	.1026224	.1112685	8.743201	.0168741	F -.001482
Stddev	.350588	.0110031	.0085826	.157829	.0015138	.001020
%RSD	3.881074	10.72196	7.713392	1.805168	8.971140	68.85613

#1	9.401651	.0911707	.1099589	8.712275	.0160770	-.002647
#2	8.703702	.1035824	.1204307	8.603123	.0159254	-.001052
#3	8.994479	.1131140	.1034160	8.914204	.0186199	-.000747

Sample Name: PB165216BS Acquired: 12/11/2024 16:09:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS216 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176203	.1743516	F .4718201	F -.000265	.1998975	.2093650
Stddev	.0004581	.0042825	.0004651	.000631	.0017674	.0002771
%RSD	2.599746	2.456225	.0985841	238.1085	.8841482	.1323554
#1	.0177221	.1713760	.4713156	-.000233	.1983285	.2090801
#2	.0171198	.1792598	.4719130	-.000912	.1995517	.2096337
#3	.0180188	.1724191	.4722318	.000350	.2018122	.2093811

Elem	Li6707
Units	ppm
Avg	F -.057723
Stddev	.003984
%RSD	6.902630
#1	-.055807
#2	-.062304
#3	-.055059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.106	25335.03	1985.173	1800.271	3203.089
Stddev	2.458	66.39	5.675	8.943	5.678
%RSD	.1069960	.2620626	.2858639	.4967506	.1772769
#1	2298.060	25291.28	1981.990	1790.403	3203.800
#2	2298.943	25302.39	1981.805	1807.840	3208.379
#3	2294.314	25411.43	1991.725	1802.568	3197.089

Sample Name: PB165281BL

Acquired: 12/11/2024 16:13:25

Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11)

Mode: CONC

Corr. Factor: 1.000000

User: Kareem

Custom ID1: PBS281

Custom ID2:

Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002891	.0017900	-.003659	-.003151	-.000721	-.020950
Stddev	.001132	.0025395	.001858	.001930	.001402	.029140
%RSD	39.16223	141.8724	50.78933	61.23501	194.3283	139.0949
#1	-.003781	.0028595	-.005127	-.004759	.000769	-.035726
#2	-.001617	.0036198	-.001569	-.003684	-.000919	-.039741
#3	-.003276	-.001109	-.004282	-.001011	-.002014	.012618
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004473	-.000023	.0000419	.0506159	.0000719	.0002066
Stddev	.001211	.000109	.0000815	.0151297	.0004478	.0002661
%RSD	27.07633	468.2165	194.3047	29.89109	622.4394	128.7873
#1	-.003101	.000025	.0000573	.0648368	.0005649	-.000100
#2	-.004924	-.000148	.0001146	.0347174	-.000039	.000346
#3	-.005395	.000053	-.000046	.0522935	-.000310	.000374
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003323	.0139162	-.000671	.0435001	-.000218	-.001317
Stddev	.003532	.0296224	.000535	.0200283	.000200	.000539
%RSD	106.2870	212.8632	79.67192	46.04199	91.77176	40.94329
#1	-.002737	-.020218	-.000852	.0218545	-.000269	-.001699
#2	-.007111	.029075	-.001092	.0472707	-.000388	-.000700
#3	-.000121	.032891	-.000069	.0613751	.000003	-.001551
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.941677	.0027771	.0023861	-.970963	-.000652	-.003332
Stddev	.495306	.0016436	.0050342	.038396	.001914	.001639
%RSD	52.59826	59.18524	210.9808	3.954389	293.6313	49.17576
#1	-.854565	.0017400	.0035971	-.940845	.001537	-.003177
#2	-1.47476	.0019191	-.003143	-1.01420	-.002010	-.001777
#3	-.49571	.0046722	.006704	-.95785	-.001482	-.005043

Sample Name: PB165281BL Acquired: 12/11/2024 16:13:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS281 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000114	-.005153	-.003642	F -.013044	.0024581	.0001550
Stddev	.0001175	.001039	.000443	.000915	.0027851	.0002379
%RSD	1030.196	20.16007	12.16416	7.012780	113.3023	153.4794
#1	.0000651	-.005036	-.003972	-.013682	-.000242	.0003472
#2	-.000123	-.006245	-.003138	-.011996	.005321	.0002290
#3	.000093	-.004177	-.003814	-.013454	.002295	-.000111

Elem	Li6707
Units	ppm
Avg	F -.086173
Stddev	.003785
%RSD	4.392546
#1	-.081815
#2	-.088064
#3	-.088639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.378	25360.47	1959.433	1794.894	3209.461
Stddev	3.614	26.57	11.313	4.410	4.419
%RSD	.1578383	.1047543	.5773692	.2457063	.1376870
#1	2285.805	25368.61	1948.950	1795.268	3205.896
#2	2293.031	25382.02	1971.425	1799.105	3214.405
#3	2289.298	25330.79	1957.925	1790.309	3208.082

Sample Name: PB165281BS Acquired: 12/11/2024 16:18:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS281 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209695	.0479843	.0169291	.0532871	.1030024	.3759946
Stddev	.0039220	.0020281	.0010832	.0032551	.0015953	.0189902
%RSD	18.70337	4.226679	6.398537	6.108634	1.548749	5.050661

#1	.0181068	.0471072	.0171689	.0517490	.1021455	.3936293
#2	.0193617	.0465424	.0157460	.0510861	.1048430	.3784639
#3	.0254399	.0503034	.0178722	.0570262	.1020188	.3558905

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3858639	.0100515	.0091068	9.925058	.0204159	.0979393
Stddev	.0013749	.0002270	.0000366	.027133	.0005707	.0004227
%RSD	.3563091	2.258857	.4013109	.2733830	2.795596	.4315666

#1	.3847352	.0102438	.0091336	9.936309	.0203739	.0984069
#2	.3854615	.0101097	.0091218	9.944756	.0210065	.0978269
#3	.3873951	.0098011	.0090652	9.894109	.0198673	.0975842

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551092	.1771377	.0290781	9.810222	.0757837	.0191268
Stddev	.0037371	.0076004	.0013801	.127312	.0005062	.0001890
%RSD	6.781256	4.290696	4.746106	1.297751	.6678862	.9880842

#1	.0550120	.1858467	.0293852	9.956423	.0761722	.0190132
#2	.0588940	.1718442	.0275704	9.723806	.0752113	.0193450
#3	.0514217	.1737222	.0302788	9.750437	.0759676	.0190222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.793863	.0932804	.1125937	8.606090	.0168945	F -.001518
Stddev	.326414	.0080077	.0027235	.055104	.0008422	.002049
%RSD	3.711841	8.584559	2.418833	.6402958	4.985282	135.0088

#1	8.587884	.1023433	.1098284	8.545965	.0166400	-.000385
#2	9.170212	.0903370	.1126794	8.654187	.0162088	-.003883
#3	8.623491	.0871610	.1152733	8.618116	.0178346	-.000285

Sample Name: PB165281BS Acquired: 12/11/2024 16:18:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS281 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174133	.1708322	F .4582392	F -.000468	.1944091	.2033265
Stddev	.0003597	.0016773	.0036829	.001232	.0022933	.0003390
%RSD	2.065562	.9818603	.8037182	263.4998	1.179626	.1667290
#1	.0170432	.1712884	.4622592	-.001888	.1967363	.2033576
#2	.0177615	.1689739	.4574308	.000319	.1921513	.2036488
#3	.0174351	.1722342	.4550276	.000165	.1943398	.2029730

Elem	Li6707
Units	ppm
Avg	F -.057145
Stddev	.000515
%RSD	.9011732
#1	-.057625
#2	-.056601
#3	-.057209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.152	25323.12	1982.742	1796.734	3201.583
Stddev	3.329	52.03	10.685	7.189	4.326
%RSD	.1450583	.2054829	.5389026	.4001137	.1351268
#1	2298.817	25379.15	1971.125	1803.878	3206.479
#2	2294.324	25276.31	1984.950	1796.822	3199.995
#3	2292.314	25313.91	1992.150	1789.501	3198.276

Sample Name: PB165291BL Acquired: 12/11/2024 16:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS291 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002679	.0017996	-.002267	-.002369	-.002262	-.010633
Stddev	.001624	.0023342	.001065	.001571	.000895	.007910
%RSD	60.61700	129.7043	46.98087	66.32316	39.55327	74.39462

#1	-.003023	.0030901	-.002728	-.004117	-.002257	-.002805
#2	-.000911	.0032036	-.001049	-.001074	-.003159	-.018623
#3	-.004104	-.000895	-.003024	-.001916	-.001370	-.010469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003554	-.000033	.0000677	.0533074	-.000030	.0003791
Stddev	.001835	.000066	.0000714	.0221703	.000635	.0002185
%RSD	51.61892	200.1487	105.4927	41.58943	2118.324	57.64162

#1	-.002170	-.000101	.0000183	.0435021	-.000521	.0001417
#2	-.002857	-.000029	.0000352	.0377306	.000687	.0005718
#3	-.005635	.000031	.0001496	.0786897	-.000256	.0004239

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003028	-.001135	-.000293	.0311439	-.000369	-.001043
Stddev	.005274	.015518	.001201	.0424584	.000313	.000339
%RSD	174.1830	1367.173	410.3992	136.3299	84.85936	32.48925

#1	-.000391	.002880	-.001212	.0714570	-.000546	-.000837
#2	-.009101	.011981	-.000733	-.013176	-.000554	-.000858
#3	.000408	-.018266	.001066	.035150	-.000007	-.001434

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.531153	-.011364	.0120550	-.860828	-.001183	-.004161
Stddev	.115131	.007979	.0090893	.118844	.000788	.001418
%RSD	21.67563	70.21741	75.39867	13.80574	66.64381	34.07978

#1	-.414955	-.020249	.0119728	-.723612	-.001192	-.005748
#2	-.645186	-.004808	.0030071	-.931079	-.001966	-.003017
#3	-.533318	-.009035	.0211852	-.927793	-.000390	-.003718

Sample Name: PB165291BL Acquired: 12/11/2024 16:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS291 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001424	-.004400	-.003328	F -.013003	-.000676	.0003188
Stddev	.0002264	.001536	.000434	.000438	.004083	.0003678
%RSD	158.9719	34.90687	13.04194	3.370519	603.9458	115.3566
#1	.0001319	-.004941	-.002993	-.013327	-.005109	.0006354
#2	-.000079	-.005592	-.003818	-.012505	.002930	-.000085
#3	.000374	-.002667	-.003173	-.013179	.000151	.000406

Elem	Li6707
Units	ppm
Avg	F -.090166
Stddev	.002758
%RSD	3.058956
#1	-.087616
#2	-.089788
#3	-.093093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.938	25370.22	1967.483	1800.662	3202.032
Stddev	9.261	104.89	1.805	7.304	12.453
%RSD	.4052867	.4134570	.0917371	.4056217	.3889048
#1	2274.710	25265.29	1969.525	1800.867	3188.782
#2	2287.348	25370.28	1966.825	1793.258	3203.822
#3	2292.754	25475.08	1966.100	1807.861	3213.493

Sample Name: PB165291BS Acquired: 12/11/2024 16:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS291 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200639	.0473931	.0156832	.0550750	.1039119	.3825565
Stddev	.0020255	.0018082	.0010534	.0013077	.0026798	.0042826
%RSD	10.09540	3.815283	6.716896	2.374461	2.578879	1.119477

#1	.0200192	.0456384	.0168844	.0546072	.1026527	.3856135
#2	.0180610	.0492504	.0149167	.0540656	.1020936	.3776617
#3	.0221113	.0472907	.0152484	.0565523	.1069893	.3843944

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3892009	.0102834	.0092121	10.02132	.0212562	.0994368
Stddev	.0012670	.0001008	.0000657	.02681	.0001484	.0004917
%RSD	.3255357	.9801075	.7135286	.2675364	.6982803	.4944903

#1	.3894291	.0103101	.0092233	10.01890	.0210913	.0993606
#2	.3903382	.0103682	.0092716	9.99580	.0212985	.0989876
#3	.3878353	.0101720	.0091415	10.04926	.0213789	.0999621

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561574	.2069868	.0306652	9.948145	.0774184	.0188081
Stddev	.0091361	.0229510	.0029810	.057773	.0004212	.0001195
%RSD	16.26871	11.08814	9.721002	.5807398	.5440482	.6351226

#1	.0613202	.2119831	.0282340	9.913026	.0770262	.0187860
#2	.0615432	.2270281	.0297706	10.01482	.0773655	.0187013
#3	.0456087	.1819492	.0339910	9.91659	.0778636	.0189371

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.983908	.1065888	.1186486	8.462304	.0159358	F -.002965
Stddev	.880330	.0077220	.0040962	.033341	.0015191	.001389
%RSD	9.798960	7.244623	3.452406	.3939999	9.532258	46.85565

#1	9.423662	.1149377	.1159455	8.473384	.0149875	-.003674
#2	7.970342	.1051253	.1233615	8.488696	.0176879	-.003858
#3	9.557720	.0997033	.1166386	8.424834	.0151321	-.001364

Sample Name: PB165291BS Acquired: 12/11/2024 16:26:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS291 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175835	.1715886	F .4667907	F -.000640	.1946471	.2069593
Stddev	.0001398	.0037232	.0017410	.000695	.0027373	.0006402
%RSD	.7949356	2.169860	.3729693	108.7048	1.406264	.3093364
#1	.0174503	.1752994	.4687139	-.000111	.1969331	.2076968
#2	.0175711	.1678531	.4663362	-.001428	.1916138	.2065473
#3	.0177291	.1716133	.4653221	-.000380	.1953944	.2066337

Elem	Li6707
Units	ppm
Avg	F -.059323
Stddev	.001994
%RSD	3.362039
#1	-.057474
#2	-.059058
#3	-.061437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.295	25361.15	1976.377	1797.917	3200.903
Stddev	1.825	48.09	7.202	9.027	5.679
%RSD	.0795353	.1896035	.3643916	.5020957	.1774127
#1	2295.141	25305.67	1968.075	1790.054	3202.444
#2	2295.544	25390.78	1980.950	1807.775	3205.653
#3	2292.201	25386.99	1980.105	1795.922	3194.613

Sample Name: P5067-19 Acquired: 12/11/2024 16:30:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608485	-.000571	.2702013	-.002072	.0041705	64.07046	.6301542
Stddev	.0007736	.004706	.0034268	.001186	.0007747	.23209	.0031705
%RSD	1.271320	823.5852	1.268260	57.23377	18.57525	.3622386	.5031358
#1	.0615044	-.005997	.2731933	-.002487	.0041063	64.20470	.6317918
#2	.0599954	.001885	.2709480	-.000734	.0034299	64.20422	.6321710
#3	.0610456	.002398	.2664627	-.002995	.0049753	63.80247	.6264997
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098171	.0019827	604.2567	.2817882	.0954510	.3215740	217.4402
Stddev	.0000908	.0000189	2.0341	.0010217	.0011274	.0058560	.5937
%RSD	.9247689	.9535891	.3366317	.3625747	1.181147	1.821031	.2730286
#1	.0097953	.0019886	605.7602	.2813478	.0962994	.3276809	218.0152
#2	.0099168	.0019979	605.0676	.2829563	.0958818	.3210348	217.4757
#3	.0097392	.0019615	601.9422	.2810606	.0941717	.3160062	216.8295
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.874414	91.24468	.2507844	-.000499	2.718991	.1201267	.2969830
Stddev	.015201	.20631	.0015661	.000552	.398098	.0055928	.0086068
%RSD	.2587591	.2261051	.6244909	110.5513	14.64139	4.655795	2.898081
#1	5.888538	91.27255	.2523557	-.000577	2.675315	.1246317	.2876054
#2	5.876376	91.43564	.2507739	-.001009	3.137125	.1218816	.2988217
#3	5.858327	91.02585	.2492235	.000087	2.344531	.1138669	.3045218
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.360236	3.039658	-.309824	.0307798	9.430421	15.14954	.0641552
Stddev	.065375	.028012	.002854	.0001030	.085438	.02381	.0010144
%RSD	.6984295	.9215518	.9211984	.3346125	.9059862	.1571487	1.581097
#1	9.401806	3.059070	-.308830	.0306984	9.501541	15.12516	.0649389
#2	9.394020	3.052357	-.307599	.0308956	9.454073	15.17274	.0645172
#3	9.284882	3.007545	-.313042	.0307454	9.335648	15.15071	.0630095

Sample Name: P5067-19 Acquired: 12/11/2024 16:30:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.496697	2.497092	-.008816
Stddev	.002637	.008462	.002480
%RSD	.1761699	.3388905	28.13335
#1	1.499520	2.504007	-.005952
#2	1.496274	2.499613	-.010254
#3	1.494297	2.487655	-.010241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.492	26416.52	2162.583	1868.561	2838.122
Stddev	15.037	97.85	9.370	5.312	25.663
%RSD	.6261584	.3704050	.4332917	.2842863	.9042345
#1	2387.852	26399.51	2162.779	1863.480	2816.384
#2	2399.008	26328.28	2153.116	1868.126	2831.549
#3	2417.617	26521.75	2171.853	1874.077	2866.432

Sample Name: P5067-20 Acquired: 12/11/2024 16:34:38 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: ME28N8D Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550933	.0042338	.2827030	-.005538	.0044465	63.23180	.6340967
Stddev	.0015372	.0019566	.0022439	.003773	.0019018	1.08957	.0103445
%RSD	2.790169	46.21435	.7937338	68.13168	42.77168	1.723136	1.631381
#1	.0533190	.0031770	.2807383	-.007715	.0057829	64.47856	.6459685
#2	.0560237	.0064915	.2851483	-.001181	.0022691	62.75453	.6293028
#3	.0559371	.0030328	.2822225	-.007717	.0052873	62.46231	.6270187
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095072	.0019252	611.8299	.2636576	.0946660	.2890494	204.5382
Stddev	.0002445	.0001379	11.0660	.0061978	.0004159	.0040286	3.5343
%RSD	2.571418	7.162421	1.808665	2.350683	.4392819	1.393754	1.727937
#1	.0097795	.0017660	624.4967	.2632622	.0949321	.2926388	208.5452
#2	.0093066	.0020033	606.9525	.2576670	.0941868	.2898175	203.2048
#3	.0094356	.0020062	604.0406	.2700436	.0948792	.2846921	201.8646
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.654795	91.19999	.2362042	.0000507	2.662293	.1212441	.3124324
Stddev	.108787	1.94336	.0005174	.0005515	.105646	.0056770	.0101669
%RSD	1.923802	2.130881	.2190488	1088.612	3.968228	4.682286	3.254123
#1	5.777228	93.43380	.2364664	.0006244	2.610444	.1269692	.3056282
#2	5.617912	90.26810	.2356082	-.000476	2.592589	.1211467	.3075494
#3	5.569244	89.89807	.2365380	.000003	2.783846	.1156164	.3241197
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.349699	3.117192	-.287882	.0280389	9.174038	14.94393	.0547599
Stddev	.211928	.006016	.007380	.0002620	.019194	.24785	.0009118
%RSD	2.266686	.1929855	2.563527	.9343066	.2092233	1.658558	1.665003
#1	9.578565	3.116180	-.293896	.0282837	9.178329	15.21506	.0540388
#2	9.160241	3.111747	-.279646	.0280702	9.153061	14.72901	.0557847
#3	9.310290	3.123650	-.290104	.0277626	9.190723	14.88771	.0544560

Sample Name: P5067-20 Acquired: 12/11/2024 16:34:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.506991	2.733753	-.008682
Stddev	.031090	.053252	.002000
%RSD	2.063068	1.947948	23.03469

#1	1.541758	2.794955	-.007900
#2	1.497357	2.708309	-.010955
#3	1.481858	2.697997	-.007192

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.444	25723.98	2147.516	1826.051	2829.882
Stddev	9.088	429.92	35.959	35.953	9.760
%RSD	.3789283	1.671268	1.674452	1.968908	.3448737

#1	2389.336	25667.73	2105.994	1822.496	2820.365
#2	2407.513	26179.26	2168.415	1863.650	2839.867
#3	2398.483	25324.96	2168.138	1792.008	2829.415

Sample Name: P5067-19LX5 Acquired: 12/11/2024 16:38:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080827	.0064634	.0529379	-.019623	-.005743	13.04100	.1276756
Stddev	.0016530	.0018971	.0010064	.003257	.000873	.04890	.0009227
%RSD	20.45122	29.35084	1.901094	16.59728	15.19329	.3749560	.7227207
#1	.0099203	.0054659	.0534618	-.018237	-.005322	13.05048	.1267846
#2	.0067168	.0086511	.0535744	-.023343	-.006747	12.98806	.1276151
#3	.0076110	.0052731	.0517777	-.017288	-.005162	13.08447	.1286271
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020305	.0003466	126.3715	.0591150	.0364902	.0720559	45.86195
Stddev	.0000567	.0000687	.4897	.0006058	.0001462	.0015439	.10262
%RSD	2.792040	19.80779	.3874991	1.024715	.4005639	2.142675	.2237689
#1	.0020001	.0004142	126.7256	.0596378	.0366096	.0722542	45.95683
#2	.0019955	.0002769	125.8127	.0592561	.0363272	.0734911	45.75303
#3	.0020959	.0003488	126.5762	.0584511	.0365339	.0704224	45.87598
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.242464	19.41372	.0477945	-.000309	.1465848	.0279749	.0602310
Stddev	.007790	.09991	.0002807	.000672	.2239082	.0037799	.0079889
%RSD	.6270121	.5146559	.5872112	217.4681	152.7499	13.51190	13.26377
#1	1.247321	19.47000	.0477975	-.000200	-.028024	.0280100	.0553317
#2	1.233478	19.29836	.0475124	.000302	.399021	.0317372	.0559116
#3	1.246593	19.47280	.0480737	-.001029	.068757	.0241775	.0694497
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138946	.5601337	-.068641	.0037858	1.733695	3.203117	.0011446
Stddev	.062741	.0022273	.002051	.0003814	.012015	.030282	.0013413
%RSD	5.508654	.3976350	2.987522	10.07399	.6930363	.9453993	117.1853
#1	1.211197	.5593039	-.070949	.0037477	1.737816	3.237073	.0014369
#2	1.107432	.5584404	-.067949	.0034250	1.720162	3.178911	.0023158
#3	1.098210	.5626568	-.067027	.0041849	1.743108	3.193367	-.000319

Sample Name: P5067-19LX5 Acquired: 12/11/2024 16:38:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3120751	.5092591	-.075376
Stddev	.0019476	.0033871	.005483
%RSD	.6240804	.6650987	7.274320
#1	.3130331	.5126456	-.080317
#2	.3098341	.5058714	-.076335
#3	.3133582	.5092603	-.069477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.076	25593.47	2030.890	1817.867	3089.628
Stddev	6.993	145.01	9.736	15.008	12.508
%RSD	.3002432	.5666074	.4794189	.8256078	.4048289
#1	2322.637	25719.01	2019.649	1833.600	3076.553
#2	2336.515	25434.74	2036.693	1803.707	3101.479
#3	2328.076	25626.65	2036.327	1816.294	3090.853

Sample Name: P5067-21 Acquired: 12/11/2024 16:42:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: ME28N8S Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359323	.0934533	.3101645	.1425698	.1635765	67.24750	4.278626
Stddev	.0038876	.0012111	.0034628	.0070570	.0021128	1.36485	.085533
%RSD	2.859966	1.295980	1.116431	4.949886	1.291603	2.029595	1.999086
#1	.1383676	.0924493	.3066996	.1418624	.1624267	65.95420	4.201493
#2	.1379805	.0931123	.3101687	.1358931	.1622881	67.11420	4.263771
#3	.1314488	.0947984	.3136252	.1499539	.1660148	68.67412	4.370614
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1021280	.0944579	603.7610	.6488219	1.064759	.7444351	216.0490
Stddev	.0003293	.0002210	11.6862	.0194010	.004357	.0180760	4.1863
%RSD	.3224187	.2339851	1.935572	2.990183	.4091608	2.428149	1.937683
#1	.1018547	.0946732	593.2270	.6572280	1.063844	.7246965	212.2634
#2	.1020358	.0942316	601.7243	.6626021	1.060933	.7484281	215.3384
#3	.1024936	.0944689	616.3317	.6266355	1.069501	.7601808	220.5451
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.680657	90.53861	1.227345	.0719202	2.808793	1.053972	1.067421
Stddev	.135327	1.59440	.003975	.0017021	.466630	.017634	.011721
%RSD	2.025656	1.761021	.3238527	2.366654	16.61319	1.673077	1.098076
#1	6.551527	89.03938	1.226274	.0732346	2.825429	1.040524	1.068153
#2	6.669016	90.36283	1.224016	.0725285	3.266882	1.047456	1.078760
#3	6.821429	92.21362	1.231746	.0699975	2.334067	1.073937	1.055352
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.438684	3.032506	-.297643	.0289318	9.288461	15.10501	.0595799
Stddev	.304120	.015755	.002309	.0001776	.031469	.08691	.0005617
%RSD	3.222057	.5195485	.7757152	.6139028	.3388014	.5754033	.9428330
#1	9.215357	3.034129	-.297332	.0290266	9.275605	15.01816	.0599262
#2	9.315651	3.016001	-.300092	.0287269	9.265455	15.10489	.0589317
#3	9.785044	3.047386	-.295506	.0290419	9.324323	15.19199	.0598817

Sample Name: P5067-21 Acquired: 12/11/2024 16:42:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28N8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.496737	2.529284	-.012391
Stddev	.022744	.048455	.005670
%RSD	1.519599	1.915774	45.76267
#1	1.478904	2.483195	-.017875
#2	1.488956	2.524855	-.012747
#3	1.522351	2.579802	-.006551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.976	26716.90	2146.645	1897.639	2832.615
Stddev	5.569	626.95	24.822	44.614	3.484
%RSD	.2328231	2.346642	1.156329	2.351036	.1230040
#1	2388.644	26557.80	2168.187	1882.503	2830.675
#2	2398.405	26184.82	2152.248	1862.562	2836.637
#3	2388.879	27408.07	2119.500	1947.852	2830.532

Sample Name: P4940-16 Acquired: 12/11/2024 16:46:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0398034	.0115081	.3959208	-.033724	-.014471	26.40287
Stddev	.0012003	.0012615	.0007371	.009545	.002417	.37595
%RSD	3.015511	10.96198	.1861786	28.30319	16.69856	1.423898

#1	.0384238	.0128485	.3953152	-.022853	-.011763	26.82527
#2	.0406076	.0113317	.3957058	-.037587	-.015244	26.10493
#3	.0403789	.0103441	.3967416	-.040731	-.016407	26.27842

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1513217	.0034112	.0038390	F 1106.056	.0556406	.0814854
Stddev	.0023940	.0002283	.0000629	15.786	.0014473	.0003706
%RSD	1.582042	6.694233	1.639655	1.427272	2.601161	.4548058

#1	.1540202	.0036748	.0038316	1124.102	.0563655	.0811134
#2	.1504919	.0032861	.0039054	1094.803	.0539741	.0814881
#3	.1494531	.0032728	.0037801	1099.264	.0565822	.0818546

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147720	91.23098	5.861318	577.9058	.1052886	.0009516
Stddev	.0036640	1.31543	.075488	7.5590	.0011804	.0007120
%RSD	3.192457	1.441870	1.287904	1.308004	1.121132	74.82047

#1	.1169274	92.72116	5.947591	586.5880	.1052831	.0011848
#2	.1105414	90.23115	5.807401	572.7884	.1041109	.0015179
#3	.1168472	90.74063	5.828962	574.3409	.1064717	.0001523

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7166256	.0582323	.7898868	9.815800	3.936660	-.014667
Stddev	.2274927	.0020062	.0211037	.243760	.013200	.000980
%RSD	31.74499	3.445095	2.671743	2.483347	.3353130	6.679112

#1	.6679250	.0604684	.7936743	10.08701	3.930733	-.013610
#2	.9645248	.0576383	.7671458	9.74540	3.927462	-.015544
#3	.5174270	.0565902	.8088403	9.61499	3.951785	-.014847

Sample Name: P4940-16 Acquired: 12/11/2024 16:46:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002196	18.97228	8.752638	.0215996	.2309754	.4658787
Stddev	.000400	.05714	.165333	.0029799	.0019379	.0062719
%RSD	18.21523	.3011716	1.888947	13.79633	.8389955	1.346251
#1	-.002611	18.97839	8.924185	.0189803	.2329967	.4730059
#2	-.002164	18.91233	8.594314	.0209767	.2291334	.4612023
#3	-.001813	19.02611	8.739415	.0248417	.2307962	.4634278

Elem	Li6707
Units	ppm
Avg	.0067305
Stddev	.0029425
%RSD	43.71850
#1	.0092252
#2	.0074807
#3	.0034855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.124	24659.03	2059.268	1723.964	2522.580
Stddev	5.587	445.47	34.209	27.626	2.977
%RSD	.2525806	1.806507	1.661207	1.602460	.1180037
#1	2215.642	24504.34	2020.102	1713.043	2525.231
#2	2215.048	25161.22	2083.292	1755.381	2523.150
#3	2205.681	24311.53	2074.412	1703.468	2519.360

Sample Name: P4940-17 Acquired: 12/11/2024 16:50:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403269	.0107678	.4917960	-.030643	-.016501	26.76453
Stddev	.0018883	.0007128	.0047908	.005079	.001422	.12601
%RSD	4.682395	6.619516	.9741486	16.57372	8.617253	.4708152
#1	.0403669	.0101346	.4911532	-.035775	-.015003	26.89831
#2	.0384190	.0106289	.4968758	-.030536	-.017832	26.74719
#3	.0421949	.0115398	.4873591	-.025619	-.016667	26.64809
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542174	.0034443	.0036022	F 1125.243	.0574995	.0840268
Stddev	.0011272	.0001045	.0000579	4.835	.0008483	.0008203
%RSD	.7309427	3.033102	1.607015	.4296691	1.475257	.9762510
#1	.1545355	.0033535	.0036510	1130.184	.0565203	.0843144
#2	.1529652	.0034210	.0035382	1125.023	.0579679	.0846646
#3	.1551513	.0035585	.0036173	1120.522	.0580103	.0831014
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1154899	94.41897	5.971442	592.0795	.1085782	.0007219
Stddev	.0032487	.40095	.023572	2.6044	.0007080	.0004425
%RSD	2.812956	.4246466	.3947455	.4398711	.6520656	61.29512
#1	.1185294	94.87745	5.991492	595.0162	.1079387	.0012327
#2	.1158740	94.24539	5.977358	591.1721	.1093390	.0004581
#3	.1120662	94.13405	5.945475	590.0502	.1084570	.0004748
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6249926	.0576124	.7864996	9.969332	4.061661	-.020446
Stddev	.4681481	.0050233	.0017516	.059357	.028793	.002512
%RSD	74.90459	8.719183	.2227092	.5953934	.7088929	12.28784
#1	1.165537	.0612015	.7879382	10.03623	4.030348	-.021084
#2	.359333	.0518716	.7870117	9.92297	4.086995	-.017676
#3	.350108	.0597640	.7845491	9.94879	4.067639	-.022578

Sample Name: P4940-17 Acquired: 12/11/2024 16:50:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002508	20.81028	9.083858	.0226805	.2300105	.4753821
Stddev	.000395	.10864	.034174	.0004012	.0033735	.0016512
%RSD	15.74529	.5220663	.3762057	1.768742	1.466649	.3473436
#1	-.002693	20.68887	9.120159	.0224068	.2307024	.4766743
#2	-.002777	20.89834	9.079107	.0231410	.2329844	.4759502
#3	-.002055	20.84364	9.052309	.0224936	.2263448	.4735218
Elem	Li6707					
Units	ppm					
Avg	.0045693					
Stddev	.0023276					
%RSD	50.94022					
#1	.0042359					
#2	.0070456					
#3	.0024264					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2205.230	24430.64	2053.858	1719.979	2499.997	
Stddev	6.610	80.03	7.925	6.926	11.003	
%RSD	.2997326	.3275863	.3858535	.4026684	.4401156	
#1	2208.673	24438.67	2044.718	1721.765	2505.493	
#2	2197.609	24506.35	2058.804	1725.837	2487.329	
#3	2209.407	24346.90	2058.053	1712.335	2507.169	

Sample Name: P4940-16LX5 Acquired: 12/11/2024 16:53:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063186	.0112725	.0887462	-.043686	-.010888	5.857893	.0314358
Stddev	.0012429	.0016654	.0008884	.001724	.000992	.051011	.0011543
%RSD	19.67115	14.77414	1.001024	3.946845	9.111758	.8708126	3.671798
#1	.0052309	.0113368	.0881671	-.043904	-.010141	5.840178	.0317807
#2	.0060515	.0095758	.0897690	-.045291	-.010511	5.915400	.0323783
#3	.0076733	.0129048	.0883025	-.041863	-.012014	5.818101	.0301484
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008130	.0008126	253.0056	.0139545	.0379810	.0293172	21.19027
Stddev	.0000896	.0000347	.9740	.0008886	.0003208	.0102339	.13195
%RSD	11.02633	4.266763	.3849538	6.368032	.8446519	34.90762	.6226941
#1	.0007146	.0008001	251.8924	.0148898	.0376558	.0390313	21.06987
#2	.0008900	.0007859	253.7004	.0138523	.0379900	.0302876	21.16962
#3	.0008345	.0008517	253.4241	.0131214	.0382973	.0186326	21.33133
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.359504	131.7319	.0214712	.0002080	-1.37803	.0107062	.1840315
Stddev	.005330	.4454	.0013514	.0004239	.83846	.0031548	.0074030
%RSD	.3920585	.3381144	6.293868	203.8412	60.84472	29.46667	4.022670
#1	1.354983	131.2321	.0201928	.0004194	-.53906	.0110937	.1849349
#2	1.365382	131.8771	.0213354	-.000280	-1.37907	.0136492	.1762182
#3	1.358149	132.0867	.0228853	.000485	-2.21598	.0073755	.1909413
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.455292	.7913114	-.006208	-.004416	3.799015	2.041523	-.005609
Stddev	.084237	.0032634	.001740	.000253	.011135	.013380	.001167
%RSD	5.788316	.4124008	28.03371	5.730800	.2930955	.6554111	20.80986
#1	1.389677	.7890870	-.007937	-.004222	3.789019	2.029945	-.004261
#2	1.550283	.7897895	-.006230	-.004702	3.797009	2.038452	-.006273
#3	1.425914	.7950577	-.004457	-.004324	3.811016	2.056172	-.006292

Sample Name: P4940-16LX5 Acquired: 12/11/2024 16:53:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0526266	.1044436	-.067334
Stddev	.0041809	.0010744	.000940
%RSD	7.944378	1.028664	1.396378
#1	.0478098	.1032041	-.067269
#2	.0547552	.1051080	-.066427
#3	.0553148	.1050187	-.068304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.501	25001.06	2030.532	1761.835	2909.490
Stddev	4.637	179.72	7.695	11.031	8.302
%RSD	.2048687	.7188672	.3789728	.6261163	.2853407
#1	2268.464	24803.09	2038.145	1749.101	2918.686
#2	2262.762	25046.13	2022.757	1768.459	2907.240
#3	2259.279	25153.95	2030.694	1767.946	2902.546

Sample Name: P4940-18 Acquired: 12/11/2024 16:57:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143081	.0969783	.7179692	.1129036	.1400799	30.72180
Stddev	.0020819	.0027454	.0041555	.0052940	.0031054	.57092
%RSD	1.821288	2.830927	.5787812	4.688948	2.216896	1.858340

#1	.1140643	.0996789	.7175303	.1158353	.1434777	31.37763
#2	.1123588	.0941902	.7140506	.1067923	.1373886	30.33595
#3	.1165011	.0970656	.7223267	.1160832	.1393733	30.45181

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.631145	.0907716	.0941408	F 1103.961	.4290456	1.030927
Stddev	.063110	.0016308	.0004174	19.824	.0032184	.004459
%RSD	1.738015	1.796608	.4434099	1.795749	.7501408	.4325518

#1	3.703223	.0925154	.0939306	1126.480	.4290897	1.028626
#2	3.585808	.0892842	.0938702	1089.141	.4322417	1.028089
#3	3.604404	.0905153	.0946215	1096.262	.4258053	1.036067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5127740	97.72598	6.640787	584.7485	1.061269	.0732371
Stddev	.0112071	1.79484	.112305	10.7498	.006030	.0001767
%RSD	2.185590	1.836604	1.691132	1.838367	.5682284	.2412696

#1	.5250528	99.75649	6.770067	596.9913	1.060978	.0733945
#2	.5030959	96.35126	6.567348	576.8540	1.055389	.0730460
#3	.5101732	97.07017	6.584947	580.4001	1.067440	.0732709

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3864502	.9348834	1.514103	10.08801	4.123945	-.031269
Stddev	.3852524	.0165968	.025948	.32860	.024718	.004436
%RSD	99.69006	1.775280	1.713734	3.257340	.5993691	14.18491

#1	-.007196	.9523430	1.518063	10.46711	4.117433	-.029906
#2	.403826	.9193107	1.537843	9.88460	4.103135	-.027676
#3	.762720	.9329966	1.486403	9.91232	4.151267	-.036227

Sample Name: P4940-18 Acquired: 12/11/2024 16:57:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002915	23.70416	10.09316	.0223844	.2630138	.4674726
Stddev	.000379	.12362	.23296	.0008166	.0053133	.0082183
%RSD	13.01623	.5214955	2.308102	3.648242	2.020139	1.758026
#1	-.002534	23.64382	10.35650	.0217745	.2687299	.4769619
#2	-.002918	23.62229	9.91396	.0220665	.2620859	.4626535
#3	-.003293	23.84635	10.00903	.0233122	.2582257	.4628025
Elem	Li6707					
Units	ppm					
Avg	.0062385					
Stddev	.0030051					
%RSD	48.17148					
#1	.0079844					
#2	.0079626					
#3	.0027684					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2240.656	24657.41	2119.769	1726.475	2540.266	
Stddev	1.083	258.76	42.266	20.791	6.001	
%RSD	.0483246	1.049425	1.993901	1.204248	.2362237	
#1	2239.858	24648.46	2072.452	1729.254	2540.363	
#2	2241.889	24403.23	2153.785	1704.434	2546.218	
#3	2240.222	24920.52	2133.070	1745.737	2534.218	

Sample Name: CCV098 Acquired: 12/11/2024 17:01:36 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV098 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870880	4.857908	24.50685	4.734362	4.760387	390.9019
Stddev	.006916	.055251	.22972	.046018	.045691	16.2198
%RSD	.1419861	1.137345	.9373680	.9720104	.9598110	4.149323
#1	4.877957	4.912128	24.71338	4.780477	4.809010	372.9762
#2	4.864137	4.859918	24.54774	4.734169	4.753809	404.5639
#3	4.870546	4.801680	24.25943	4.688441	4.718342	395.1657
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.828224	.4894122	2.467578	392.2840	15.21551	2.486133
Stddev	.400349	.0220100	.022551	16.0126	.28906	.025707
%RSD	4.073460	4.497223	.9138886	4.081880	1.899790	1.034001
#1	9.389921	.4663293	2.488117	374.5098	15.09466	2.510100
#2	10.17464	.5101636	2.471170	405.5827	15.54539	2.489315
#3	9.92011	.4917436	2.443446	396.7593	15.00648	2.458983
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58510	397.2325	14.40072	390.7694	2.493343	1.255670
Stddev	.59202	16.5652	.60114	16.3047	.024365	.024158
%RSD	4.059061	4.170144	4.174353	4.172469	.9771958	1.923918
#1	13.92611	378.8454	13.73236	372.6266	2.517788	1.244347
#2	15.07201	410.9914	14.89719	404.1966	2.493184	1.283410
#3	14.75720	401.8606	14.57262	395.4850	2.469059	1.239254
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	384.8568	2.447842	14.08930	149.3073	4.947811	F 4.257538
Stddev	15.6590	.101452	.17628	6.2625	.046841	.186770
%RSD	4.068799	4.144554	1.251166	4.194345	.9467003	4.386817
#1	367.5292	2.334412	14.02307	142.3839	4.993389	4.053974
#2	397.9950	2.529909	14.28910	154.5769	4.950242	4.421001
#3	389.0463	2.479205	13.95573	150.9610	4.899802	4.297640

Sample Name: CCV098 Acquired: 12/11/2024 17:01:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.730036	4.964540	4.806567	4.963349	4.827179	4.673707
Stddev	.044082	.049789	.216032	.047721	.209273	.197512
%RSD	.9319652	1.002884	4.494512	.9614632	4.335304	4.226034
#1	4.773924	5.012237	4.578072	5.004135	4.594365	4.454694
#2	4.730422	4.968487	5.007488	4.975043	4.999651	4.838316
#3	4.685762	4.912895	4.834141	4.910868	4.887523	4.728110
Elem	Li6707					
Units	ppm					
Avg	4.916340					
Stddev	.203902					
%RSD	4.147439					
#1	4.691784					
#2	5.089914					
#3	4.967320					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1914.846	23016.46	1958.912	1508.033	2587.332	
Stddev	14.622	330.97	73.989	20.523	20.582	
%RSD	.7636095	1.437986	3.777045	1.360933	.7955074	
#1	1900.869	23042.97	2038.692	1502.450	2569.919	
#2	1913.631	22673.03	1892.551	1490.879	2582.031	
#3	1930.037	23333.38	1945.494	1530.770	2610.047	

Sample Name: CCB098 Acquired: 12/11/2024 17:05:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000306	.0022739	-.001570	.0010208	.0005062	-.003907
Stddev	.000249	.0009677	.001502	.0013418	.0014236	.022158
%RSD	81.30339	42.55572	95.67310	131.4553	281.2415	567.0938

#1	-.000180	.0028228	-.002404	-.000255	-.000656	-.024689
#2	-.000146	.0028423	.000164	.000897	.002094	.019409
#3	-.000593	.0011566	-.002470	.002420	.000081	-.006442

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003088	.0000177	.0001233	.0258450	.0003580	.0002572
Stddev	.001707	.0000426	.0000172	.0298822	.0002370	.0001997
%RSD	55.28231	240.5986	13.93489	115.6207	66.20668	77.62375

#1	-.001652	-.000028	.0001319	.0528953	.0004693	.0002553
#2	-.002636	.000025	.0001344	-.006232	.0005189	.0000586
#3	-.004975	.000056	.0001035	.030871	.0000858	.0004579

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015519	.0215884	.0005197	-.026808	-.000667	-.000754
Stddev	.0019403	.0266454	.0010331	.032038	.000460	.000770
%RSD	125.0307	123.4245	198.7749	119.5081	68.96509	102.1274

#1	-.000641	.0069088	-.000646	-.001029	-.000590	-.000774
#2	.003048	.0523453	.001323	-.062676	-.000250	.000026
#3	.002248	.0055112	.000882	-.016720	-.001161	-.001515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.812044	-.002947	.0057352	-.656658	.0002590	.0117697
Stddev	.633450	.003653	.0020994	.022347	.0017292	.0019095
%RSD	78.00683	123.9510	36.60574	3.403097	667.6514	16.22378

#1	-1.18951	-.007003	.0080936	-.631702	.0006126	.0118558
#2	-.08073	.000084	.0040701	-.663456	-.001620	.0136347
#3	-1.16590	-.001923	.0050419	-.674817	.001784	.0098186

Sample Name: CCB098 Acquired: 12/11/2024 17:05:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.000019	-0.003126	-0.003967	F -0.011362	.0046733	.0003679
Stddev	.000361	.003192	.000196	.000520	.0018422	.0002255
%RSD	1923.287	102.1336	4.937480	4.573938	39.42101	61.29385
#1	.000380	-0.005486	-0.003841	-0.011609	.0067058	.0006062
#2	-0.000112	.000507	-0.003867	-0.010765	.0042007	.0001579
#3	-0.000324	-0.004398	-0.004193	-0.011712	.0031133	.0003395

Elem	Li6707
Units	ppm
Avg	F -0.078030
Stddev	.003346
%RSD	4.288645
#1	-0.079229
#2	-0.080612
#3	-0.074249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.762	25961.96	1981.383	1837.485	3253.263
Stddev	26.498	359.09	26.834	28.320	33.326
%RSD	1.140285	1.383132	1.354299	1.541246	1.024396
#1	2315.198	25689.04	1988.700	1814.110	3246.857
#2	2353.483	25828.09	1951.650	1829.368	3289.327
#3	2302.606	26368.75	2003.800	1868.977	3223.605

Sample Name: P4963-15 Acquired: 12/11/2024 17:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293036	.0140996	.4964283	-.043895	-.019446	13.17749
Stddev	.0012963	.0012175	.0028171	.002535	.001172	.36188
%RSD	4.423688	8.635115	.5674823	5.775509	6.024681	2.746180

#1	.0286296	.0129450	.4937527	-.041554	-.019722	13.33391
#2	.0307980	.0153715	.4993683	-.043545	-.018161	12.76372
#3	.0284831	.0139821	.4961638	-.046587	-.020455	13.43485

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1683807	.0017746	.0059216	F 2210.508	.0508058	.0694448
Stddev	.0045360	.0001738	.0001744	64.107	.0001962	.0007452
%RSD	2.693888	9.794361	2.945373	2.900115	.3861252	1.073123

#1	.1722283	.0018720	.0061101	2236.634	.0510107	.0696950
#2	.1633792	.0015740	.0058887	2137.463	.0506197	.0700327
#3	.1695346	.0018779	.0057660	2257.427	.0507871	.0686067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0892297	64.71895	6.789319	563.0869	.1083302	.0002904
Stddev	.0095472	1.87221	.188911	16.0152	.0007394	.0004410
%RSD	10.69953	2.892830	2.782476	2.844176	.6825362	151.8659

#1	.0988441	65.65717	6.900315	572.7122	.1090325	-.000055
#2	.0797512	62.56314	6.571195	544.5994	.1075586	.000139
#3	.0890940	65.93655	6.896447	571.9490	.1083995	.000787

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6331183	.0413678	1.132779	5.756501	5.565410	-.014231
Stddev	.3099970	.0014820	.005505	.251639	.002781	.001240
%RSD	48.96351	3.582414	.4859637	4.371395	.0499644	8.711802

#1	.4619047	.0401322	1.137525	5.713879	5.565215	-.015357
#2	.4464890	.0409604	1.126744	5.528895	5.568283	-.014434
#3	.9909613	.0430109	1.134070	6.026730	5.562732	-.012902

Sample Name: P4963-15 Acquired: 12/11/2024 17:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003187	18.87132	6.626103	.0188501	.1957732	1.115357
Stddev	.0001979	.03088	.166423	.0006709	.0059489	.032209
%RSD	62.11344	.1636575	2.511634	3.559185	3.038669	2.887787
#1	.0002509	18.87379	6.697919	.0195176	.2000313	1.133364
#2	.0005416	18.90090	6.435830	.0188567	.1889761	1.078171
#3	.0001635	18.83928	6.744560	.0181758	.1983123	1.134535
Elem	Li6707					
Units	ppm					
Avg	-.019920					
Stddev	.006160					
%RSD	30.92458					
#1	-.020418					
#2	-.025816					
#3	-.013526					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2134.478	23710.62	2063.916	1652.647	2367.030	
Stddev	1.275	117.95	52.648	14.268	2.605	
%RSD	.0597178	.4974686	2.550880	.8633315	.1100534	
#1	2135.814	23609.77	2032.664	1637.684	2364.031	
#2	2133.276	23840.33	2124.700	1666.100	2368.737	
#3	2134.343	23681.77	2034.383	1654.157	2368.320	

Sample Name: P4963-16 Acquired: 12/11/2024 17:13:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294336	.0137911	.5051542	-.041216	-.017460	13.68141
Stddev	.0024981	.0032604	.0025491	.005104	.002381	.02948
%RSD	8.487341	23.64160	.5046116	12.38477	13.63962	.2154769

#1	.0322156	.0171286	.5031141	-.046330	-.017151	13.67828
#2	.0287029	.0136312	.5080117	-.041196	-.019980	13.65362
#3	.0273823	.0106136	.5043367	-.036121	-.015248	13.71233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1811885	.0018930	.0060641	F 2185.250	.0529232	.0711629
Stddev	.0013131	.0002093	.0000110	17.805	.0004874	.0010308
%RSD	.7247240	11.05524	.1805468	.8147936	.9209641	1.448535

#1	.1816124	.0020421	.0060520	2198.860	.0527900	.0721877
#2	.1797158	.0019832	.0060734	2165.099	.0525162	.0711749
#3	.1822373	.0016538	.0060668	2191.790	.0534633	.0701261

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0939965	69.04898	7.303735	595.2585	.1108972	.0011848
Stddev	.0061847	.20482	.049773	2.6794	.0005029	.0005627
%RSD	6.579730	.2966304	.6814723	.4501265	.4534525	47.49477

#1	.0937985	69.23801	7.298141	594.9486	.1110803	.0006871
#2	.0879131	68.83137	7.256995	592.7475	.1112830	.0010719
#3	.1002778	69.07756	7.356068	598.0794	.1103285	.0017955

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2377228	.0384770	1.153856	6.037246	5.709713	-.017269
Stddev	.2071276	.0046946	.008649	.183388	.029722	.000271
%RSD	87.12988	12.20118	.7496108	3.037604	.5205554	1.570629

#1	.4373893	.0330714	1.160051	6.209651	5.742310	-.016957
#2	.0238641	.0415332	1.143974	5.844561	5.702715	-.017451
#3	.2519149	.0408262	1.157542	6.057525	5.684115	-.017398

Sample Name: P4963-16 Acquired: 12/11/2024 17:13:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008272	19.33885	6.797172	.0199400	.2091121	1.090504
Stddev	.0007702	.06370	.028747	.0017602	.0036153	.004906
%RSD	93.10158	.3293840	.4229284	8.827404	1.728871	.4498817
#1	.0009400	19.39475	6.767754	.0180938	.2092199	1.091526
#2	.0000069	19.35230	6.798566	.0201270	.2054441	1.085167
#3	.0015349	19.26950	6.825197	.0215993	.2126723	1.094818

Elem	Li6707
Units	ppm
Avg	-.018940
Stddev	.002183
%RSD	11.52731
#1	-.020216
#2	-.020186
#3	-.016419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.877	23388.24	2013.899	1631.636	2356.892
Stddev	8.092	57.84	6.451	5.701	13.132
%RSD	.3819053	.2473151	.3203186	.3493963	.5571691
#1	2114.116	23322.24	2017.192	1626.473	2344.211
#2	2114.295	23430.13	2018.039	1637.754	2356.031
#3	2128.221	23412.34	2006.466	1630.680	2370.432

Sample Name: P4963-15LX5 Acquired: 12/11/2024 17:17:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031304	.0134400	.1011131	-.048537	-.014953	2.800772	.0339555
Stddev	.0026884	.0034046	.0016128	.003676	.001137	.011074	.0015050
%RSD	85.87851	25.33177	1.595075	7.572828	7.602860	.3954057	4.432284
#1	.0029299	.0128413	.1008255	-.050446	-.014557	2.810578	.0328591
#2	.0005479	.0171043	.0996635	-.050864	-.016235	2.802977	.0356714
#3	.0059134	.0103745	.1028505	-.044299	-.014067	2.788761	.0333359
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004381	.0010529	492.0550	.0114970	.0368037	.0212740	14.56403
Stddev	.0001358	.0000287	.5035	.0003382	.0004694	.0038417	.07730
%RSD	30.98885	2.723041	.1023359	2.941826	1.275446	18.05808	.5307316
#1	.0004188	.0010254	491.7576	.0112030	.0370625	.0235711	14.51654
#2	.0005825	.0010826	492.6364	.0114213	.0370867	.0234120	14.65322
#3	.0003130	.0010507	491.7710	.0118666	.0362618	.0168390	14.52233
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.528655	125.1314	.0215993	-.000500	-1.71687	.0044081	.2395360
Stddev	.006583	.4120	.0008495	.000560	.37270	.0036999	.0053841
%RSD	.4306402	.3292718	3.932865	111.9657	21.70815	83.93482	2.247740
#1	1.528577	124.7872	.0223300	-.000417	-2.00491	.0084097	.2442367
#2	1.535277	125.5879	.0218006	-.001096	-1.84977	.0037032	.2336620
#3	1.522112	125.0189	.0206672	.000014	-1.29594	.0011113	.2407095
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4662710	1.026670	-.004390	-.003561	3.429012	1.481065	-.006149
Stddev	.0774979	.004223	.001921	.000038	.032362	.012844	.000245
%RSD	16.62080	.4112938	43.76633	1.055994	.9437637	.8672026	3.990168
#1	.3901996	1.028958	-.005192	-.003604	3.465375	1.468527	-.006314
#2	.4634926	1.029256	-.005781	-.003545	3.418287	1.494195	-.006266
#3	.5451208	1.021797	-.002198	-.003534	3.403375	1.480473	-.005867

Sample Name: P4963-15LX5 Acquired: 12/11/2024 17:17:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0406206	.2396495	-.072031
Stddev	.0036086	.0009249	.002589
%RSD	8.883697	.3859303	3.593853
#1	.0427623	.2390990	-.073043
#2	.0426453	.2407173	-.069090
#3	.0364543	.2391323	-.073961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.442	24647.53	1986.208	1740.098	2821.859
Stddev	20.809	39.41	10.252	2.553	25.977
%RSD	.9379986	.1598958	.5161567	.1467205	.9205471
#1	2197.604	24660.73	1990.536	1737.989	2794.873
#2	2218.501	24678.64	1974.502	1739.367	2824.012
#3	2239.221	24603.21	1993.586	1742.936	2846.692

Sample Name: P4963-17 Acquired: 12/11/2024 17:28:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995722	.1005320	.5332387	.1000444	.1436537	17.04355
Stddev	.0019672	.0028286	.0015517	.0033927	.0017244	.10226
%RSD	1.975699	2.813599	.2909972	3.391152	1.200417	.5999831
#1	.1017423	.1025664	.5337823	.0967434	.1420639	17.08450
#2	.0979057	.1017277	.5314883	.0998680	.1434103	16.92716
#3	.0990686	.0973019	.5344454	.1035219	.1454870	17.11898
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.798974	.0902717	.0987264	F 2175.502	.4206334	1.043628
Stddev	.015715	.0008025	.0001681	11.474	.0017067	.001397
%RSD	.4136558	.8890226	.1702515	.5274119	.4057397	.1338704
#1	3.806877	.0906451	.0985330	2185.728	.4218982	1.042625
#2	3.780876	.0908196	.0988375	2177.684	.4186922	1.045224
#3	3.809168	.0893505	.0988086	2163.093	.4213098	1.043036
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145616	67.92018	7.818153	572.0766	1.082103	.0746925
Stddev	.0058631	.24956	.033102	1.7353	.001016	.0005533
%RSD	1.139439	.3674318	.4233963	.3033261	.0938800	.7408113
#1	.5213065	67.99409	7.842583	573.9755	1.080938	.0752622
#2	.5116950	67.64202	7.780480	570.5732	1.082802	.0741571
#3	.5106833	68.12444	7.831397	571.6810	1.082570	.0746582
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4059807	.9423670	1.922762	5.807098	5.552691	-.017787
Stddev	.5136457	.0094958	.029332	.025273	.017967	.000343
%RSD	126.5197	1.007654	1.525521	.4352004	.3235742	1.930373
#1	.6159880	.9518906	1.922493	5.830691	5.532683	-.018165
#2	-.179392	.9423109	1.893566	5.780428	5.557942	-.017496
#3	.781346	.9328993	1.952228	5.810175	5.567447	-.017699

Sample Name: P4963-17 Acquired: 12/11/2024 17:28:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ13S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009087	18.79255	6.822702	.0200533	.1994058	1.095870
Stddev	.0002836	.04910	.063266	.0015079	.0041548	.005126
%RSD	31.20703	.2612811	.9272866	7.519306	2.083596	.4677308
#1	.0011730	18.75407	6.861857	.0188862	.2041018	1.099369
#2	.0009440	18.84785	6.856536	.0217558	.1962073	1.089986
#3	.0006092	18.77572	6.749714	.0195178	.1979084	1.098255

Elem	Li6707
Units	ppm
Avg	-.019345
Stddev	.001266
%RSD	6.546638
#1	-.020777
#2	-.018884
#3	-.018373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.303	23458.80	2024.395	1642.474	2354.108
Stddev	1.694	112.62	8.482	3.981	1.431
%RSD	.0800595	.4800584	.4190056	.2423832	.0607884
#1	2115.700	23472.26	2015.868	1640.641	2354.386
#2	2114.993	23564.08	2024.486	1647.041	2352.558
#3	2118.217	23340.06	2032.832	1639.740	2355.379

Sample Name: P4964-01 Acquired: 12/11/2024 17:32:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434841	.0113265	1.177732	-.031146	-.013835	20.83385
Stddev	.0029941	.0027246	.003897	.006180	.004178	.15767
%RSD	6.885415	24.05470	.3309037	19.84172	30.19995	.7567982

#1	.0454454	.0107416	1.181817	-.024654	-.017926	20.65658
#2	.0449691	.0142960	1.174055	-.036958	-.014006	20.95840
#3	.0400378	.0089419	1.177325	-.031826	-.009574	20.88659

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2777360	.0024061	.0075974	F 1258.022	.0789834	.0728881
Stddev	.0010443	.0000508	.0000865	8.749	.0006230	.0007220
%RSD	.3760154	2.109616	1.138547	.6954310	.7887631	.9905641

#1	.2765488	.0024635	.0076732	1248.215	.0793378	.0737214
#2	.2781467	.0023671	.0075032	1265.024	.0782640	.0724915
#3	.2785126	.0023877	.0076157	1260.828	.0793483	.0724513

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1916667	89.67523	8.156805	652.5713	.1478020	.0014332
Stddev	.0089098	.67185	.059943	4.7591	.0005376	.0011527
%RSD	4.648596	.7492026	.7348881	.7292872	.3637268	80.42538

#1	.1813794	88.91058	8.089020	647.2962	.1482785	.0001036
#2	.1966901	90.17100	8.202827	656.5428	.1479082	.0021498
#3	.1969305	89.94410	8.178569	653.8748	.1472192	.0020464

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2490341	.0619626	1.644271	5.669010	4.990863	-.070033
Stddev	.2276853	.0005073	.010013	.169779	.017448	.001682
%RSD	91.42734	.8186602	.6089389	2.994859	.3495979	2.402027

#1	.4835171	.0621514	1.634177	5.617147	5.005744	-.071197
#2	.0288174	.0623485	1.644434	5.858671	4.971660	-.068104
#3	.2347678	.0613881	1.654200	5.531211	4.995185	-.070797

Sample Name: P4964-01 Acquired: 12/11/2024 17:32:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005873	13.64821	7.282165	.0516514	.3734569	.3990060
Stddev	.0002246	.05793	.004095	.0019465	.0035056	.0031956
%RSD	38.24110	.4244277	.0562387	3.768517	.9386988	.8008927
#1	.0004289	13.68170	7.277724	.0538491	.3703812	.3957277
#2	.0004887	13.58133	7.285792	.0501446	.3772739	.4021120
#3	.0008444	13.68162	7.282979	.0509606	.3727156	.3991782

Elem	Li6707
Units	ppm
Avg	-.026067
Stddev	.000922
%RSD	3.536488
#1	-.025511
#2	-.027131
#3	-.025559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2142.524	23905.34	2031.629	1673.776	2466.253
Stddev	4.422	87.80	8.094	3.936	7.653
%RSD	.2063830	.3672922	.3983958	.2351303	.3103144
#1	2138.936	23931.05	2036.885	1669.857	2461.489
#2	2147.464	23807.55	2022.308	1673.743	2475.081
#3	2141.172	23977.41	2035.693	1677.727	2462.190

Sample Name: P4964-02 Acquired: 12/11/2024 17:36:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438614	.0107822	1.152180	-.033385	-.013953	20.96683
Stddev	.0027786	.0038852	.004929	.001831	.002366	.10922
%RSD	6.334875	36.03384	.4277552	5.483975	16.95690	.5209038
#1	.0408029	.0131985	1.157869	-.034219	-.015410	20.87434
#2	.0462300	.0063005	1.149187	-.031285	-.011223	20.93883
#3	.0445513	.0128476	1.149485	-.034649	-.015227	21.08732

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2804219	.0024227	.0076245	F 1280.534	.0770802	.0725126
Stddev	.0016071	.0000971	.0000543	6.491	.0001379	.0001116
%RSD	.5731141	4.005961	.7125954	.5069309	.1789501	.1538398
#1	.2802576	.0025342	.0076770	1280.411	.0771157	.0723893
#2	.2789033	.0023577	.0076282	1274.105	.0771969	.0726067
#3	.2821049	.0023761	.0075685	1287.086	.0769279	.0725417

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1969719	90.93536	8.308764	665.1881	.1449852	.0011297
Stddev	.0011930	.28647	.059280	4.6341	.0016515	.0005863
%RSD	.6056548	.3150210	.7134651	.6966581	1.139072	51.89645
#1	.1981292	90.89597	8.288627	664.2274	.1461278	.0004687
#2	.1970402	90.67063	8.262175	661.1097	.1430916	.0013337
#3	.1957462	91.23948	8.375489	670.2273	.1457361	.0015867

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087744	.0599826	1.659896	5.841554	4.946833	-.062172
Stddev	.5381534	.0044436	.019497	.030114	.013366	.000600
%RSD	494.7429	7.408122	1.174578	.5155083	.2701839	.9644051
#1	.3093486	.0591764	1.646111	5.874719	4.960580	-.062706
#2	-.500862	.0647741	1.682203	5.815921	4.933885	-.061523
#3	.517836	.0559973	1.651374	5.834022	4.946033	-.062286

Sample Name: P4964-02 Acquired: 12/11/2024 17:36:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005008	13.38746	7.388555	.0510985	.3780948	.4058794
Stddev	.0002035	.04421	.053844	.0004049	.0017431	.0037386
%RSD	40.62933	.3302489	.7287486	.7923538	.4610236	.9211160
#1	.0003181	13.40756	7.405152	.0506312	.3782582	.4064703
#2	.0004641	13.33677	7.328366	.0513444	.3762758	.4018805
#3	.0007200	13.41805	7.432146	.0513200	.3797505	.4092874
Elem	Li6707					
Units	ppm					
Avg	-.029938					
Stddev	.003211					
%RSD	10.72452					
#1	-.027102					
#2	-.033424					
#3	-.029289					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2160.062	24005.18	2014.950	1672.529	2489.052	
Stddev	12.169	149.55	5.842	20.155	13.027	
%RSD	.5633605	.6229852	.2899173	1.205048	.5233813	
#1	2150.830	23925.14	2016.934	1668.369	2479.638	
#2	2173.852	23912.69	2019.541	1654.779	2503.920	
#3	2155.505	24177.72	2008.375	1694.439	2483.599	

Sample Name: P4964-01LX5 Acquired: 12/11/2024 17:39:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059193	.0120848	.2359019	-.043331	-.013192	4.269986	.0549762
Stddev	.0016934	.0023501	.0038220	.003166	.003813	.037966	.0014825
%RSD	28.60856	19.44669	1.620156	7.306599	28.90208	.8891404	2.696573
#1	.0054011	.0093713	.2401338	-.043401	-.008805	4.309410	.0561391
#2	.0045455	.0134674	.2327015	-.040130	-.015713	4.266878	.0554827
#3	.0078113	.0134157	.2348705	-.046461	-.015056	4.233669	.0533069
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004358	.0015328	268.5423	.0174183	.0363770	.0434418	19.41056
Stddev	.0000498	.0000725	1.8572	.0011377	.0005828	.0051236	.18593
%RSD	11.42177	4.729704	.6915788	6.531807	1.602040	11.79424	.9578656
#1	.0004835	.0015285	268.3967	.0161605	.0369983	.0414647	19.47223
#2	.0003841	.0016074	270.4681	.0177187	.0358425	.0396013	19.55782
#3	.0004399	.0014626	266.7623	.0183757	.0362903	.0492594	19.20164
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.773976	139.5767	.0292311	.0001336	-1.30228	.0055012	.3501893
Stddev	.014124	1.3555	.0005903	.0005658	.77770	.0052625	.0021067
%RSD	.7962044	.9711493	2.019551	423.3564	59.71837	95.66055	.6015975
#1	1.767922	139.1931	.0297274	.0001978	-.94390	.0041144	.3521843
#2	1.790118	141.0826	.0285783	-.000461	-2.19455	.0010711	.3503973
#3	1.763888	138.4542	.0293878	.000665	-.76838	.0113183	.3479863
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3324707	.9303466	-.016351	-.003179	2.533688	1.598494	.0003787
Stddev	.0921233	.0082705	.001146	.000273	.025570	.011514	.0010722
%RSD	27.70870	.8889687	7.011667	8.583383	1.009216	.7202821	283.1376
#1	.4307359	.9398536	-.016778	-.002944	2.562783	1.585441	.0015307
#2	.3186178	.9248094	-.015052	-.003479	2.514787	1.602835	-.000590
#3	.2480583	.9263769	-.017222	-.003115	2.523495	1.607206	.000196

Sample Name: P4964-01LX5 Acquired: 12/11/2024 17:39:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0790836	.0830141	-.081442
Stddev	.0016000	.0011148	.002842
%RSD	2.023182	1.342960	3.489484
#1	.0797367	.0823430	-.082072
#2	.0802537	.0843010	-.078338
#3	.0772603	.0823983	-.083917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.818	24639.42	1980.128	1741.020	2860.065
Stddev	9.678	14.30	12.560	7.552	19.453
%RSD	.4373479	.0580210	.6342938	.4337429	.6801638
#1	2201.696	24635.89	1993.223	1739.085	2837.897
#2	2219.321	24627.22	1968.182	1734.625	2874.287
#3	2217.438	24655.15	1978.980	1749.351	2868.012

Sample Name: P4964-03 Acquired: 12/11/2024 17:43:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102611	.1000916	1.180355	.1122092	.1449029	24.36249
Stddev	.0033724	.0033508	.013944	.0020546	.0029831	.08041
%RSD	3.058567	3.347722	1.181381	1.831033	2.058718	.3300365

#1	.1068801	.0963350	1.164273	.1134597	.1430886	24.27160
#2	.1136249	.1011677	1.189079	.1098379	.1432742	24.39153
#3	.1102783	.1027721	1.187713	.1133299	.1483459	24.42434

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.906585	.0918679	.0979317	F 1250.366	.4534024	1.024103
Stddev	.004130	.0008740	.0014452	3.403	.0044960	.015279
%RSD	.1057062	.9513309	1.475700	.2721536	.9916060	1.491980

#1	3.901882	.0908629	.0962926	1246.742	.4524693	1.006482
#2	3.908255	.0924504	.0984801	1250.863	.4494463	1.032141
#3	3.909618	.0922902	.0990225	1253.493	.4582918	1.033685

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6229439	91.05778	9.004690	651.3408	1.095746	.0754918
Stddev	.0050785	.21521	.038696	3.0724	.015994	.0007176
%RSD	.8152453	.2363409	.4297327	.4717013	1.459658	.9505546

#1	.6216296	90.92371	8.964088	647.8494	1.077278	.0758284
#2	.6186517	90.94362	9.008836	652.5414	1.104987	.0746678
#3	.6285504	91.30601	9.041146	653.6316	1.104974	.0759792

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039139	.9663315	2.459386	5.662689	4.856145	-.062944
Stddev	.638728	.0098222	.023357	.148753	.063326	.003587
%RSD	1631.937	1.016444	.9497036	2.626890	1.304040	5.698988

#1	.258277	.9559198	2.475041	5.671806	4.783040	-.061346
#2	-.772339	.9754326	2.432540	5.509587	4.891335	-.067053
#3	.396644	.9676421	2.470579	5.806673	4.894061	-.060434

Sample Name: P4964-03 Acquired: 12/11/2024 17:43:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ01S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003454	13.23284	7.453214	.0508221	.3845676	.3960991
Stddev	.0002280	.19811	.054403	.0023354	.0052619	.0019860
%RSD	66.02091	1.497142	.7299254	4.595236	1.368276	.5013773
#1	.0000855	13.00624	7.390571	.0484832	.3842994	.3938061
#2	.0005119	13.31901	7.488604	.0531539	.3794449	.3972244
#3	.0004388	13.37328	7.480467	.0508291	.3899585	.3972669

Elem	Li6707
Units	ppm
Avg	-.040644
Stddev	.004549
%RSD	11.19240
#1	-.044851
#2	-.041264
#3	-.035817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.321	23865.07	2011.662	1665.716	2489.276
Stddev	20.042	160.78	12.007	12.590	31.882
%RSD	.9316117	.6737122	.5968582	.7558449	1.280756
#1	2174.025	23739.58	2022.582	1652.692	2525.764
#2	2136.084	24046.30	1998.804	1677.822	2466.802
#3	2143.855	23809.32	2013.601	1666.633	2475.261

Sample Name: P4981-18 Acquired: 12/11/2024 17:47:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1092298	.0102908	1.250712	-.016447	-.009984	59.47177
Stddev	.0026804	.0039791	.020463	.003911	.001017	.14734
%RSD	2.453902	38.66715	1.636128	23.77708	10.19065	.2477553

#1	.1085561	.0061841	1.237478	-.012173	-.010553	59.31333
#2	.1069506	.0105594	1.240377	-.017321	-.008810	59.49730
#3	.1121828	.0141288	1.274281	-.019846	-.010590	59.60469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6732834	.0048556	.0036263	F 1209.576	.0914758	.1295328
Stddev	.0013456	.0000529	.0001074	4.398	.0002350	.0013458
%RSD	.1998537	1.088790	2.961470	.3635896	.2569388	1.038963

#1	.6730712	.0048276	.0036757	1205.406	.0912663	.1288510
#2	.6720565	.0049165	.0035031	1209.150	.0917300	.1286642
#3	.6747225	.0048226	.0037002	1214.171	.0914310	.1310830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4074430	147.1783	13.03139	30.61287	.1770715	.0008006
Stddev	.0035980	.9254	.03788	.27871	.0027319	.0002440
%RSD	.8830776	.6287866	.2907148	.9104407	1.542808	30.47267

#1	.4094113	146.2123	12.99228	30.42930	.1748164	.0010641
#2	.4032903	147.2655	13.03398	30.47573	.1762889	.0007554
#3	.4096276	148.0570	13.06792	30.93358	.1801093	.0005825

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4109567	.1229959	.7842409	6.409884	8.087865	-.216728
Stddev	.4534994	.0070984	.0134684	.030537	.107265	.004637
%RSD	110.3521	5.771273	1.717374	.4763987	1.326243	2.139522

#1	-.105496	.1181435	.7725586	6.375743	8.029373	-.220601
#2	.744146	.1197013	.7811916	6.434588	8.022560	-.217993
#3	.594220	.1311430	.7989725	6.419321	8.211661	-.211590

Sample Name: P4981-18 Acquired: 12/11/2024 17:47:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000441	1.654347	8.253699	.0236886	.9031121	.6059471
Stddev	.000493	.025132	.022090	.0006476	.0084929	.0021766
%RSD	111.7457	1.519167	.2676350	2.733617	.9404059	.3592058
#1	-.000641	1.647049	8.243335	.0244349	.9015397	.6044750
#2	-.000803	1.633672	8.279065	.0233563	.8955153	.6049189
#3	.000120	1.682321	8.238696	.0232747	.9122814	.6084473

Elem	Li6707
Units	ppm
Avg	.0108555
Stddev	.0013400
%RSD	12.34432
#1	.0093879
#2	.0120140
#3	.0111645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.190	27585.43	2330.427	1960.295	2640.510
Stddev	15.638	49.85	13.100	6.938	28.114
%RSD	.6219898	.1807209	.5621276	.3539164	1.064733
#1	2520.653	27637.78	2340.480	1968.226	2652.194
#2	2525.561	27538.52	2315.612	1957.309	2660.899
#3	2496.356	27580.00	2335.188	1955.350	2608.438

Sample Name: P4981-19 Acquired: 12/11/2024 17:51:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099603	.0138237	1.255725	-.014837	-.011228	59.39550
Stddev	.0019214	.0009189	.005885	.006448	.000758	.43533
%RSD	1.747311	6.647057	.4686470	43.45797	6.747552	.7329411

#1	.1082398	.0137129	1.250596	-.017148	-.010441	59.05165
#2	.1096074	.0129653	1.262150	-.019812	-.011952	59.24987
#3	.1120336	.0147930	1.254430	-.007552	-.011291	59.88498

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6705542	.0049871	.0034085	F 1118.663	.0928015	.1260465
Stddev	.0037826	.0000695	.0000940	7.985	.0025215	.0014051
%RSD	.5640945	1.392976	2.757495	.7137753	2.717046	1.114767

#1	.6682898	.0050561	.0035169	1112.830	.0956418	.1249744
#2	.6684520	.0049881	.0033495	1115.397	.0919356	.1276372
#3	.6749209	.0049172	.0033591	1127.763	.0908271	.1255280

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3991016	146.3550	12.60455	30.19145	.1712936	.0004367
Stddev	.0034164	.9360	.09119	.36382	.0006461	.0003047
%RSD	.8560311	.6395241	.7235080	1.205045	.3771981	69.78729

#1	.3954489	145.3336	12.54544	29.88348	.1715066	.0001540
#2	.4022185	146.5597	12.55864	30.09799	.1718064	.0003965
#3	.3996373	147.1717	12.70958	30.59289	.1705679	.0007595

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.133570	.1266421	.7749276	6.489926	7.886530	-.221999
Stddev	.192280	.0023221	.0167167	.113475	.026765	.004948
%RSD	143.9547	1.833633	2.157202	1.748479	.3393749	2.228826

#1	.031915	.1293216	.7934617	6.361024	7.864911	-.225411
#2	-.344503	.1252157	.7609900	6.534009	7.916466	-.216324
#3	-.088123	.1253890	.7703311	6.574744	7.878213	-.224262

Sample Name: P4981-19 Acquired: 12/11/2024 17:51:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000774	1.579162	8.293897	.0286560	.9241068	.5458892
Stddev	.000286	.005793	.037041	.0002521	.0083600	.0041877
%RSD	36.92391	.3668242	.4466091	.8798583	.9046528	.7671265
#1	-.000907	1.583931	8.314868	.0289383	.9192550	.5433114
#2	-.000446	1.572716	8.251128	.0284532	.9193054	.5436351
#3	-.000968	1.580841	8.315694	.0285765	.9337600	.5507210
Elem	Li6707					
Units	ppm					
Avg	.0094935					
Stddev	.0008348					
%RSD	8.793075					
#1	.0086643					
#2	.0094825					
#3	.0103337					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2521.273	27320.51	2314.197	1940.781	2671.907	
Stddev	9.158	511.07	9.709	33.562	10.624	
%RSD	.3632161	1.870662	.4195472	1.729325	.3976098	
#1	2523.377	26731.64	2323.211	1902.078	2676.659	
#2	2511.246	27581.40	2315.462	1961.857	2659.737	
#3	2529.195	27648.48	2303.917	1958.408	2679.325	

Sample Name: P4981-18LX5 Acquired: 12/11/2024 17:55:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197223	.0104849	.2361454	-.032933	-.012792	12.77039	.1431732
Stddev	.0028574	.0020563	.0013186	.004761	.002050	.08066	.0007702
%RSD	14.48806	19.61224	.5584033	14.45622	16.02495	.6316254	.5379778
#1	.0203855	.0125065	.2376433	-.038118	-.013436	12.72510	.1439968
#2	.0165917	.0083955	.2356331	-.031920	-.010497	12.86352	.1424707
#3	.0221898	.0105528	.2351598	-.028760	-.014442	12.72256	.1430521
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011563	.0006961	267.1480	.0204231	.0446934	.0848828	32.96283
Stddev	.0000756	.0000453	.0532	.0003973	.0004041	.0055822	.13073
%RSD	6.541338	6.514028	.0199100	1.945339	.9042165	6.576343	.3965991
#1	.0011177	.0007400	267.0992	.0208765	.0449295	.0844455	32.90936
#2	.0012435	.0006494	267.2047	.0202571	.0442268	.0795322	33.11182
#3	.0011078	.0006990	267.1401	.0201357	.0449239	.0906709	32.86731
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.926069	6.893686	.0329535	-.000624	-.416990	.0199034	.1763032
Stddev	.006513	.057585	.0007021	.000417	.537353	.0103934	.0105076
%RSD	.2225705	.8353342	2.130623	66.84080	128.8648	52.21951	5.959952
#1	2.925433	6.954761	.0332146	-.001085	-.896424	.0317464	.1684926
#2	2.919898	6.885917	.0334878	-.000273	.163837	.0122992	.1882493
#3	2.932877	6.840379	.0321583	-.000515	-.518383	.0156646	.1721676
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6489035	1.426154	-.053239	-.003489	.2793356	1.884247	-.006389
Stddev	.1250577	.003801	.001326	.000460	.0043042	.014090	.001240
%RSD	19.27215	.2665367	2.490293	13.19385	1.540855	.7477982	19.41340
#1	.5397679	1.427286	-.052422	-.003968	.2792540	1.886715	-.006337
#2	.6215783	1.421915	-.054769	-.003050	.2750728	1.896940	-.007655
#3	.7853644	1.429260	-.052527	-.003451	.2836799	1.869085	-.005176

Sample Name: P4981-18LX5 Acquired: 12/11/2024 17:55:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1984260	.1310157	-.074317
Stddev	.0039304	.0002048	.005013
%RSD	1.980811	.1563147	6.745192
#1	.2027696	.1311312	-.079659
#2	.1951148	.1307793	-.073575
#3	.1973935	.1311367	-.069716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.187	26103.65	2079.227	1846.599	3064.769
Stddev	6.815	161.73	5.625	12.408	10.850
%RSD	.2888790	.6195671	.2705205	.6719198	.3540252
#1	2354.796	25998.00	2073.461	1843.038	3060.470
#2	2367.038	26289.84	2079.523	1860.398	3077.110
#3	2355.726	26023.11	2084.698	1836.362	3056.727

Sample Name: P4981-20 Acquired: 12/11/2024 17:59:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1840475	.0982192	1.261522	.1117329	.1306548	62.27524
Stddev	.0026628	.0021811	.003527	.0046157	.0012090	.47042
%RSD	1.446775	2.220681	.2796133	4.131050	.9253780	.7553909

#1	.1860368	.0967974	1.257567	.1168693	.1292612	61.82050
#2	.1810225	.0971298	1.262657	.1079326	.1314233	62.24531
#3	.1850832	.1007305	1.264343	.1103969	.1312799	62.75991

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.894096	.0871753	.0927637	F 1169.688	.4349215	1.075805
Stddev	.030750	.0001399	.0001591	9.209	.0026128	.003377
%RSD	.7896523	.1604548	.1714889	.7872637	.6007503	.3138720

#1	3.867681	.0872881	.0926697	1161.834	.4378636	1.073051
#2	3.886755	.0870188	.0926739	1167.407	.4340292	1.074791
#3	3.927852	.0872191	.0929473	1179.822	.4328718	1.079572

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7849984	146.9655	13.60369	30.32787	1.131052	.0661594
Stddev	.0080669	1.4133	.10322	.31100	.003709	.0002633
%RSD	1.027637	.9616505	.7587666	1.025444	.3279100	.3980333

#1	.7778966	145.8063	13.49651	29.97823	1.128930	.0661153
#2	.7833291	146.5504	13.61212	30.43175	1.128891	.0664420
#3	.7937693	148.5399	13.70243	30.57363	1.135334	.0659209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2381944	.9514553	1.485014	6.721937	7.825509	-.222255
Stddev	.2295428	.0084702	.005721	.116648	.026824	.004649
%RSD	96.36786	.8902368	.3852791	1.735333	.3427804	2.091756

#1	.3713299	.9492943	1.489652	6.663009	7.814861	-.221711
#2	.3701110	.9607966	1.486769	6.646508	7.805643	-.227152
#3	-.026858	.9442748	1.478620	6.856293	7.856022	-.217901

Sample Name: P4981-20 Acquired: 12/11/2024 17:59:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000643	1.547409	8.612859	.0254665	.9242682	.5810194
Stddev	.000361	.002641	.014217	.0010179	.0092616	.0047463
%RSD	56.23918	.1706800	.1650653	3.997065	1.002044	.8168880
#1	-.000343	1.550449	8.615367	.0247366	.9136100	.5758751
#2	-.001044	1.545687	8.597556	.0266293	.9288360	.5819549
#3	-.000541	1.546090	8.625655	.0250336	.9303585	.5852284
Elem	Li6707					
Units	ppm					
Avg	.0089506					
Stddev	.0050824					
%RSD	56.78269					
#1	.0067645					
#2	.0147603					
#3	.0053270					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2524.572	27510.70	2303.592	1948.887	2680.040	
Stddev	.851	72.46	8.544	7.792	3.227	
%RSD	.0336954	.2634033	.3708837	.3998192	.1204220	
#1	2524.357	27428.74	2304.513	1940.678	2680.585	
#2	2523.849	27537.11	2311.638	1956.181	2682.960	
#3	2525.509	27566.26	2294.625	1949.800	2676.575	

Sample Name: P4983-10 Acquired: 12/11/2024 18:03:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0372242	-.000798	.2629680	.0030510	-.007586	133.9258	1.905896
Stddev	.0048200	.003786	.0019853	.0014631	.001384	.2176	.005970
%RSD	12.94862	474.1275	.7549661	47.95456	18.24112	.1624684	.3132526

#1	.0415523	.003191	.2627008	.0029002	-.006347	133.7141	1.907620
#2	.0380906	-.004340	.2650733	.0016692	-.009079	134.1488	1.910815
#3	.0320298	-.001246	.2611297	.0045837	-.007333	133.9145	1.899254

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118680	.0071253	754.4912	.1893829	.1557910	.2774375	259.6465
Stddev	.0002029	.0000440	.9686	.0014806	.0002460	.0069523	.3292
%RSD	1.709655	.6178582	.1283808	.7818074	.1578843	2.505909	.1267705

#1	.0120910	.0071533	753.3730	.1894022	.1559113	.2694371	259.2664
#2	.0118187	.0071481	755.0319	.1908537	.1555081	.2808626	259.8354
#3	.0116942	.0070746	755.0689	.1878927	.1559538	.2820127	259.8376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839903	137.9220	.3367988	-.001416	.3966287	.2466639	1.227096
Stddev	.011616	.2293	.0005871	.000796	.3535922	.0015152	.007219
%RSD	.2400126	.1662685	.1743217	56.17559	89.14943	.6142765	.5883135

#1	4.826493	137.9791	.3361381	-.001175	.4283109	.2479230	1.228705
#2	4.846342	137.6696	.3369975	-.002304	.0282615	.2470864	1.233375
#3	4.846874	138.1174	.3372608	-.000769	.7333137	.2449823	1.219208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.390701	4.819183	-.451904	.0039839	2.517878	10.07439	.0209641
Stddev	.058464	.010812	.002994	.0002939	.011754	.01549	.0012402
%RSD	1.331537	.2243499	.6624372	7.376507	.4668198	.1537664	5.915951

#1	4.458176	4.808018	-.452472	.0040237	2.506932	10.08371	.0223407
#2	4.358802	4.819926	-.454573	.0036721	2.516402	10.05650	.0199339
#3	4.355125	4.829604	-.448667	.0042558	2.530301	10.08295	.0206177

Sample Name: P4983-10 Acquired: 12/11/2024 18:03:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.053690	1.848070	.1370724
Stddev	.003861	.004332	.0031298
%RSD	.3664138	.2343800	2.283336
#1	1.056945	1.845668	.1343784
#2	1.049424	1.845471	.1405057
#3	1.054701	1.853070	.1363331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.027	27088.60	2239.151	1916.658	2696.771
Stddev	7.586	99.61	7.210	5.068	7.493
%RSD	.3093916	.3677072	.3219865	.2644039	.2778486
#1	2449.354	27155.73	2246.958	1921.364	2691.999
#2	2460.589	26974.15	2237.749	1911.293	2705.407
#3	2446.140	27135.92	2232.744	1917.317	2692.907

Sample Name: P4983-11 Acquired: 12/11/2024 18:06:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387347	-.002965	.2596832	.0039121	-.004997	133.4182	1.898172
Stddev	.0019534	.000483	.0016545	.0020750	.001377	.5430	.008761
%RSD	5.043000	16.28214	.6371267	53.03994	27.56079	.4070093	.4615593
#1	.0386133	-.003520	.2578613	.0024615	-.006587	133.7501	1.898919
#2	.0368448	-.002643	.2610921	.0062888	-.004187	133.7130	1.906536
#3	.0407459	-.002731	.2600961	.0029859	-.004216	132.7916	1.889061
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118011	.0070227	753.4406	.1892174	.1551732	.2773127	258.1852
Stddev	.0003703	.0000869	1.9582	.0004943	.0001821	.0036888	.7287
%RSD	3.138158	1.237864	.2598985	.2612284	.1173774	1.330181	.2822404
#1	.0121438	.0069644	754.8247	.1890101	.1549629	.2773358	258.5252
#2	.0118514	.0069810	754.2969	.1897816	.1552770	.2809899	258.6817
#3	.0114082	.0071226	751.2001	.1888606	.1552798	.2736125	257.3486
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864821	137.8754	.3337986	-.000030	.4217325	.2422682	1.238987
Stddev	.021797	.2902	.0004725	.000308	.2349870	.0062442	.003497
%RSD	.4480471	.2104547	.1415526	1041.772	55.71944	2.577371	.2822528
#1	4.881036	138.0898	.3332778	-.000239	.3037886	.2358065	1.234971
#2	4.873383	137.9910	.3339183	-.000174	.6923310	.2427289	1.240626
#3	4.840043	137.5452	.3341998	.000324	.2690779	.2482693	1.241363
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.387240	4.798064	-.466352	.0039701	2.503019	9.960763	.0205629
Stddev	.074772	.013690	.002783	.0005023	.014277	.124503	.0006943
%RSD	1.704297	.2853220	.5967749	12.65258	.5703822	1.249933	3.376394
#1	4.456549	4.783385	-.469406	.0042163	2.501174	10.01507	.0203281
#2	4.397174	4.800320	-.463960	.0033922	2.489754	10.04889	.0213441
#3	4.307999	4.810485	-.465690	.0043018	2.518128	9.81833	.0200164

Sample Name: P4983-11 Acquired: 12/11/2024 18:06:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.051750	1.851130	.1373926
Stddev	.006521	.005942	.0074639
%RSD	.6200157	.3210179	5.432535
#1	1.058704	1.854841	.1370485
#2	1.045772	1.854274	.1450226
#3	1.050774	1.844276	.1301066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2473.529	27090.02	2246.364	1909.441	2716.081
Stddev	6.444	123.57	16.715	8.861	3.633
%RSD	.2605091	.4561440	.7441128	.4640722	.1337766
#1	2475.501	27118.68	2231.249	1905.288	2717.990
#2	2478.756	27196.74	2243.526	1919.616	2718.363
#3	2466.329	26954.63	2264.316	1903.419	2711.891

Sample Name: P4983-10LX5 Acquired: 12/11/2024 18:10:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060168	.0058734	.0549314	-.026671	-.009572	29.72175	.4246502
Stddev	.0009352	.0033617	.0002244	.007173	.002059	.92823	.0144199
%RSD	15.54351	57.23604	.4084281	26.89502	21.50681	3.123057	3.395717
#1	.0060824	.0092113	.0549492	-.030590	-.011025	28.68854	.4086438
#2	.0050505	.0024884	.0546986	-.031031	-.007216	30.48527	.4366260
#3	.0069175	.0059204	.0551463	-.018392	-.010476	29.99144	.4286808
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027703	.0012710	172.0743	.0443332	.0501270	.0613737	60.04808
Stddev	.0001014	.0000101	5.6336	.0003799	.0007443	.0067150	1.82109
%RSD	3.661125	.7915214	3.273952	.8569697	1.484796	10.94115	3.032718
#1	.0026534	.0012768	165.7780	.0446790	.0492835	.0679411	58.03779
#2	.0028358	.0012594	176.6384	.0439265	.0504063	.0616597	61.58746
#3	.0028216	.0012770	173.8065	.0443942	.0506913	.0545202	60.51900
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.117738	31.81456	.0668812	-.000673	-1.10096	.0458703	.2847127
Stddev	.034165	.98023	.0002194	.001612	.68826	.0077363	.0014069
%RSD	3.056642	3.081088	.3280830	239.6280	62.51478	16.86560	.4941545
#1	1.080192	30.77722	.0671151	-.002252	-.78046	.0382565	.2831305
#2	1.146999	32.72541	.0668485	.000969	-1.89102	.0456310	.2851843
#3	1.126022	31.94106	.0666799	-.000734	-.63139	.0537235	.2858232
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3648621	.9251807	-.110905	-.002082	.4845189	2.334391	-.006198
Stddev	.1050830	.0057945	.001525	.000267	.0113379	.049031	.000804
%RSD	28.80075	.6263101	1.375079	12.83393	2.340043	2.100387	12.97784
#1	.2801731	.9198395	-.109845	-.001774	.4725702	2.284577	-.007020
#2	.3319519	.9313413	-.112653	-.002227	.4951268	2.382600	-.005412
#3	.4824613	.9243612	-.110218	-.002246	.4858595	2.335995	-.006163

Sample Name: P4983-10LX5 Acquired: 12/11/2024 18:10:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2358051	.4096795	-.045861
Stddev	.0072749	.0128139	.000258
%RSD	3.085136	3.127776	.5626221
#1	.2292531	.3959595	-.045880
#2	.2436339	.4213370	-.046109
#3	.2345282	.4117419	-.045594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.166	25825.64	2067.454	1833.279	3060.564
Stddev	11.647	81.27	52.517	6.736	17.101
%RSD	.4941286	.3146783	2.540178	.3674432	.5587463
#1	2369.044	25876.52	2124.502	1835.651	3079.553
#2	2356.689	25868.49	2021.120	1838.508	3055.759
#3	2345.764	25731.92	2056.741	1825.678	3046.380

Sample Name: P4983-12 Acquired: 12/11/2024 18:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116376	.0852534	.2967762	.1401757	.1419963	135.8833	5.256898
Stddev	.0021419	.0034427	.0026257	.0041918	.0024199	.3484	.020630
%RSD	1.918593	4.038248	.8847279	2.990402	1.704177	.2563680	.3924460
#1	.1120075	.0812887	.2991940	.1383267	.1400493	136.0993	5.276387
#2	.1135704	.0869847	.2971516	.1372264	.1447055	136.0692	5.259019
#3	.1093349	.0874869	.2939831	.1449742	.1412342	135.4815	5.235290
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963583	.0971197	748.0555	.5427974	1.104242	.6686172	258.9285
Stddev	.0004555	.0002474	2.5146	.0076855	.000800	.0072918	.6569
%RSD	.4727161	.2546887	.3361468	1.415914	.0724850	1.090580	.2536878
#1	.0963917	.0968696	750.1645	.5491179	1.103334	.6761829	259.0589
#2	.0967961	.0971252	748.7293	.5450323	1.104845	.6680346	259.5104
#3	.0958869	.0973642	745.2727	.5342421	1.104548	.6616342	258.2162
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.644932	136.6323	1.287148	.0664456	.7933894	1.098060	1.947529
Stddev	.039663	.9136	.000424	.0007377	.7372366	.001576	.040459
%RSD	.7026362	.6686690	.0329501	1.110293	92.92242	.1434920	2.077431
#1	5.681663	137.2158	1.286968	.0672274	.9205849	1.099876	1.969260
#2	5.650258	137.1017	1.286844	.0657616	.0008309	1.097049	1.972479
#3	5.602875	135.5794	1.287633	.0663479	1.458752	1.097256	1.900848
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.454895	4.758286	-.461795	.0037000	2.478199	9.947353	.0187925
Stddev	.136376	.006564	.005878	.0000937	.011489	.012959	.0011454
%RSD	3.061259	.1379543	1.272799	2.531253	.4635840	.1302764	6.095068
#1	4.585422	4.752745	-.466462	.0038067	2.472896	9.959975	.0180938
#2	4.465924	4.756578	-.455194	.0036312	2.491381	9.948002	.0181692
#3	4.313340	4.765536	-.463730	.0036622	2.470320	9.934081	.0201144

Sample Name: P4983-12 Acquired: 12/11/2024 18:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJG2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.032255	1.827818	.1311147
Stddev	.006318	.009148	.0014437
%RSD	.6120495	.5005129	1.101083
#1	1.039241	1.835920	.1311169
#2	1.030584	1.829638	.1325573
#3	1.026941	1.817897	.1296700

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.314	27048.95	2227.088	1912.833	2706.073
Stddev	8.089	336.73	6.471	16.022	7.659
%RSD	.3302394	1.244895	.2905478	.8376242	.2830199
#1	2456.983	26765.45	2221.604	1906.929	2713.278
#2	2450.097	26960.24	2225.434	1900.599	2706.911
#3	2440.863	27421.15	2234.225	1930.969	2698.029

Sample Name: P5067-01 Acquired: 12/11/2024 18:18:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550451	.0181122	.5034480	.2636845	.0203785	138.6821
Stddev	.0009294	.0032259	.0017621	.0057643	.0039818	1.0488
%RSD	1.688507	17.81068	.3499955	2.186060	19.53912	.7562684
#1	.0556172	.0163678	.5049055	.2573532	.0160831	137.6127
#2	.0555454	.0161342	.5014898	.2650715	.0211061	138.7245
#3	.0539727	.0218348	.5039487	.2686287	.0239464	139.7090

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8971959	.0120649	.0023483	F 2068.096	11.18291	.1016466
Stddev	.0085017	.0002659	.0001109	22.451	.29465	.0015625
%RSD	.9475898	2.203916	4.721694	1.085585	2.634860	1.537189
#1	.8898839	.0118153	.0024706	2046.020	11.52298	.1003180
#2	.8951791	.0123446	.0022543	2090.904	11.02205	.1012537
#3	.9065247	.0120349	.0023201	2067.364	11.00370	.1033680

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.108415	F 1373.919	F 224.5483	371.0012	.3502787	.0191996
Stddev	.006083	8.450	.6845	3.7701	.0023941	.0045651
%RSD	5.610620	.6150313	.3048226	1.016191	.6834791	23.77696
#1	-.105141	1364.185	224.1091	367.2734	.3485480	.0139284
#2	-.115434	1378.200	224.1988	370.9180	.3492771	.0218569
#3	-.104670	1379.372	225.3370	374.8122	.3530109	.0218136

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.126844	4.727151	.5672236	3.361690	F 28.06753	F -2.02686
Stddev	.330734	.035643	.0278688	.045180	.22814	.01917
%RSD	5.398110	.7539969	4.913186	1.343980	.8128097	.9460037
#1	5.889773	4.693541	.5955725	3.362801	27.85745	-2.00603
#2	5.986087	4.723384	.5662373	3.315964	28.03492	-2.03077
#3	6.504673	4.764527	.5398611	3.406304	28.31021	-2.04378

Sample Name: P5067-01 Acquired: 12/11/2024 18:18:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267254	60.61510	7.394868	.1271667	20.36267	1.129173
Stddev	.0005318	.45037	.034214	.0023069	.20535	.017038
%RSD	1.989999	.7430023	.4626693	1.814119	1.008444	1.508889
#1	.0266554	60.25724	7.358257	.1247609	20.15394	1.113511
#2	.0272887	60.46724	7.400315	.1293601	20.36961	1.126694
#3	.0262320	61.12081	7.426031	.1273790	20.56445	1.147315

Elem	Li6707
Units	ppm
Avg	.0445340
Stddev	.0025095
%RSD	5.634996
#1	.0418265
#2	.0449938
#3	.0467819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.765	23290.81	2049.863	1559.384	2537.433
Stddev	7.560	522.29	15.403	32.260	15.260
%RSD	.3661459	2.242474	.7513988	2.068737	.6014148
#1	2072.230	22692.90	2067.223	1522.475	2553.195
#2	2064.952	23521.46	2037.834	1573.480	2536.376
#3	2057.113	23658.07	2044.532	1582.196	2522.729

Sample Name: P5067-02 Acquired: 12/11/2024 18:25:08 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: ME28M1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588407	.0161142	.6638990	.2353262	.0306620	131.7395
Stddev	.0016231	.0054343	.0034334	.0063088	.0013782	1.9139
%RSD	2.758521	33.72363	.5171587	2.680872	4.494778	1.452803
#1	.0569756	.0181314	.6615500	.2293696	.0306164	129.5861
#2	.0599335	.0099597	.6623077	.2346728	.0293072	132.3857
#3	.0596131	.0202514	.6678394	.2419363	.0320624	133.2466
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202477	.0212691	.0052421	F 1882.729	11.98918	.1092212
Stddev	.017907	.0005483	.0003536	39.433	.01863	.0003624
%RSD	1.489192	2.577996	6.744766	2.094453	.1553791	.3317573
#1	1.182489	.0206411	.0055360	1837.882	11.99770	.1096392
#2	1.207886	.0216528	.0053406	1898.333	12.00202	.1089973
#3	1.217057	.0215135	.0048497	1911.973	11.96781	.1090270
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059152	F 1358.360	F 170.1766	330.2544	1.040731	.0141257
Stddev	.0032107	19.929	2.7852	4.2072	.001378	.0027597
%RSD	54.27793	1.467137	1.636677	1.273924	.1324255	19.53678
#1	.0031296	1336.346	166.9840	325.5062	1.042303	.0113379
#2	.0051894	1363.561	172.1091	331.7391	1.039731	.0141826
#3	.0094267	1375.172	171.4366	333.5179	1.040158	.0168565
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.557186	1.868762	.4421416	6.543743	F 17.21090	^ *****
Stddev	.058089	.013986	.0038855	.185857	.02256	-----
%RSD	.6788383	.7483937	.8787953	2.840224	.1310834	-----
#1	8.501357	1.852613	.4404187	6.372529	17.23551	-1.54360
#2	8.552901	1.876705	.4394154	6.741409	17.20600	-1.64255
#3	8.617299	1.876967	.4465906	6.517291	17.19120	^ -----

Sample Name: P5067-02 Acquired: 12/11/2024 18:25:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591667	87.35887	6.144586	.1257744	13.63278	.0998630
Stddev	.0010072	.01728	.101386	.0051188	.17425	.0013718
%RSD	1.702393	.0197820	1.649999	4.069799	1.278199	1.373658
#1	.0580067	87.36451	6.027596	.1198778	13.44005	.0982797
#2	.0598201	87.37262	6.199313	.1283699	13.67906	.1006123
#3	.0596733	87.33947	6.206848	.1290755	13.77922	.1006969
Elem	Li6707					
Units	ppm					
Avg	.0758656					
Stddev	.0056391					
%RSD	7.433072					
#1	.0696480					
#2	.0772995					
#3	.0806494					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2126.659	24654.34	2105.021	1638.882	2557.720	
Stddev	8.633	60.21	33.944	4.863	11.620	
%RSD	.4059418	.2442358	1.612515	.2967060	.4542965	
#1	2116.727	24648.92	2144.215	1638.820	2544.362	
#2	2132.361	24597.02	2085.500	1634.052	2563.309	
#3	2130.888	24717.09	2085.346	1643.776	2565.489	

Sample Name: P5067-03 Acquired: 12/11/2024 18:29:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462343	.0137067	.2745275	.0484278	-.004560	80.81300
Stddev	.0034242	.0017290	.0037207	.0044263	.000378	.31432
%RSD	7.406111	12.61422	1.355321	9.139978	8.289703	.3889474

#1	.0482715	.0120686	.2702410	.0519618	-.004323	80.66800
#2	.0481503	.0155141	.2769224	.0498585	-.004996	81.17365
#3	.0422810	.0135375	.2764190	.0434631	-.004361	80.59736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8476842	.0091310	.0020752	F 970.7388	2.271987	.0963097
Stddev	.0036145	.0001654	.0000845	4.2764	.013896	.0004680
%RSD	.4263927	1.811089	4.074010	.4405288	.6116329	.4859466

#1	.8488770	.0091792	.0021382	968.4168	2.257268	.0968342
#2	.8505514	.0092669	.0021083	975.6739	2.273812	.0959349
#3	.8436240	.0089468	.0019791	968.1258	2.284879	.0961599

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706702	422.9460	F 51.72445	188.9376	.2390350	.0037949
Stddev	.0056195	1.3459	.10474	.3809	.0018067	.0009155
%RSD	7.951663	.3182262	.2024877	.2016266	.7558181	24.12316

#1	.0740881	422.1905	51.63088	188.7366	.2379876	.0041112
#2	.0737379	424.5000	51.83759	189.3769	.2379963	.0045102
#3	.0641846	422.1476	51.70488	188.6992	.2411212	.0027632

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.479520	.7258707	.3694254	6.055823	6.556325	-.360877
Stddev	.177470	.0021711	.0081729	.089966	.031656	.004451
%RSD	5.100415	.2991001	2.212340	1.485612	.4828352	1.233389

#1	3.289421	.7273895	.3728670	6.079843	6.529122	-.358873
#2	3.508294	.7233840	.3600945	6.131341	6.548781	-.357780
#3	3.640844	.7268385	.3753147	5.956284	6.591072	-.365978

Sample Name: P5067-03 Acquired: 12/11/2024 18:29:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225308	29.40511	11.57088	.0328082	4.615096	.9501791
Stddev	.0007468	.08722	.03747	.0001812	.025736	.0036393
%RSD	3.314354	.2966169	.3238153	.5522771	.5576416	.3830068
#1	.0217003	29.39181	11.52795	.0328149	4.585604	.9462219
#2	.0231468	29.32531	11.59704	.0329859	4.626679	.9533823
#3	.0227454	29.49822	11.58764	.0326237	4.633004	.9509332
Elem	Li6707					
Units	ppm					
Avg	.0303787					
Stddev	.0009910					
%RSD	3.262130					
#1	.0315025					
#2	.0300038					
#3	.0296299					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2304.693	25306.92	2120.294	1783.733	2710.887	
Stddev	5.904	190.45	9.661	20.816	8.006	
%RSD	.2561634	.7525417	.4556619	1.166986	.2953152	
#1	2308.824	25508.42	2130.926	1801.149	2717.744	
#2	2307.325	25282.46	2117.903	1789.371	2712.829	
#3	2297.932	25129.89	2112.053	1760.679	2702.090	

Sample Name: P5067-04 Acquired: 12/11/2024 18:32:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469494	.0099550	.0874552	-.032618	-.009986	38.68368
Stddev	.0024609	.0029720	.0024231	.002430	.001474	.20988
%RSD	5.241705	29.85406	2.770668	7.448926	14.76414	.5425560

#1	.0468978	.0117628	.0896962	-.031292	-.011670	38.92019
#2	.0445146	.0115772	.0877855	-.031139	-.009355	38.51961
#3	.0494357	.0065249	.0848839	-.035422	-.008932	38.61125

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087605	.0036446	.0024380	F 1333.389	.0779582	.0957802
Stddev	.004175	.0000985	.0001869	7.182	.0007296	.0004800
%RSD	.3838260	2.702099	7.668227	.5386258	.9358623	.5011149

#1	1.092414	.0037570	.0022692	1341.618	.0771204	.0956026
#2	1.084916	.0035732	.0026390	1328.382	.0783002	.0954143
#3	1.085486	.0036036	.0024059	1330.167	.0784539	.0963237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999251	103.7337	2.453940	474.6331	.1746924	-.000670
Stddev	.0068756	.6580	.016500	2.0754	.0004487	.000601
%RSD	6.880742	.6343590	.6723708	.4372713	.2568397	89.71040

#1	.1040717	104.4579	2.472976	477.0262	.1744465	-.001362
#2	.0919885	103.1723	2.443736	473.3270	.1744204	-.000273
#3	.1037151	103.5710	2.445108	473.5460	.1752103	-.000376

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1328573	.1396612	.2842086	6.607275	2.498633	-.129812
Stddev	.2429407	.0092743	.0026550	.097373	.007436	.001633
%RSD	182.8583	6.640563	.9341608	1.473726	.2976197	1.258299

#1	.3072451	.1361560	.2865380	6.717541	2.493507	-.128141
#2	-.144631	.1501772	.2847698	6.533099	2.495229	-.131405
#3	.235958	.1326503	.2813179	6.571185	2.507162	-.129891

Sample Name: P5067-04 Acquired: 12/11/2024 18:32:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0356620	39.83015	5.245711	.0046833	1.056256	14.72230
Stddev	.0004714	.08453	.017720	.0006231	.002407	.06039
%RSD	1.321926	.2122243	.3378062	13.30436	.2279238	.4101767
#1	.0360596	39.73824	5.258228	.0045001	1.057029	14.78230
#2	.0351412	39.84765	5.253470	.0041724	1.058182	14.66153
#3	.0357851	39.90456	5.225434	.0053775	1.053557	14.72309
Elem	Li6707					
Units	ppm					
Avg	.0154902					
Stddev	.0037349					
%RSD	24.11099					
#1	.0151303					
#2	.0193920					
#3	.0119484					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2189.231	23958.67	2005.053	1683.723	2545.807	
Stddev	5.296	33.83	6.332	3.205	7.948	
%RSD	.2419229	.1411865	.3157868	.1903627	.3121857	
#1	2190.824	23941.91	1998.480	1680.298	2549.983	
#2	2193.548	23936.49	2005.567	1684.220	2550.796	
#3	2183.321	23997.60	2011.112	1686.650	2536.642	

Sample Name: CCV099 Acquired: 12/11/2024 18:36:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837924	4.779318	24.21348	4.650115	4.702045	393.6271
Stddev	.010332	.011829	.06220	.010999	.014945	.7885
%RSD	.2135614	.2475123	.2568712	.2365324	.3178413	.2003115

#1	4.836834	4.778746	24.25100	4.647363	4.708018	393.6997
#2	4.828181	4.767785	24.14169	4.640753	4.685037	392.8048
#3	4.848758	4.791423	24.24776	4.662229	4.713079	394.3767

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.793075	.4944256	2.429852	394.9308	15.51602	2.455887
Stddev	.030172	.0023279	.007616	1.1900	.03836	.006556
%RSD	.3080988	.4708247	.3134345	.3013131	.2472104	.2669590

#1	9.821750	.4935866	2.434363	395.1669	15.50046	2.458811
#2	9.761600	.4926336	2.421058	393.6405	15.55971	2.448378
#3	9.795875	.4970567	2.434133	395.9850	15.48789	2.460473

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79975	396.5517	14.77818	402.7057	2.452727	1.268605
Stddev	.04928	.2125	.09305	2.4457	.006385	.003978
%RSD	.3329819	.0535908	.6296502	.6073212	.2603317	.3135589

#1	14.82663	396.4758	14.80584	403.2545	2.454196	1.264099
#2	14.74288	396.3877	14.67444	400.0321	2.445736	1.271631
#3	14.82975	396.7918	14.85427	404.8303	2.458250	1.270083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.0528	2.446512	14.30898	151.1390	4.884114	F 4.395911
Stddev	1.0949	.005095	.05889	.0544	.011369	.014938
%RSD	.2778644	.2082472	.4115685	.0359921	.2327852	.3398225

#1	393.7370	2.442989	14.30687	151.1627	4.893576	4.388230
#2	393.1505	2.452354	14.25117	151.0768	4.871501	4.386375
#3	395.2710	2.444192	14.36890	151.1775	4.887265	4.413126

Sample Name: CCV099 Acquired: 12/11/2024 18:36:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.707781	4.892890	4.891715	4.937788	4.947270	4.798223
Stddev	.011431	.018097	.025090	.006577	.024096	.019146
%RSD	.2428164	.3698566	.5129050	.1331953	.4870485	.3990304
#1	4.707592	4.898942	4.873797	4.945066	4.943124	4.802443
#2	4.696445	4.872543	4.880959	4.932271	4.925516	4.777319
#3	4.719306	4.907186	4.920390	4.936028	4.973169	4.814908
Elem	Li6707					
Units	ppm					
Avg	4.991421					
Stddev	.012394					
%RSD	.2483149					
#1	4.995201					
#2	4.977576					
#3	5.001485					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1915.716	22300.67	1899.649	1461.574	2592.739	
Stddev	2.857	94.15	5.505	2.126	4.251	
%RSD	.1491206	.4221711	.2898149	.1454741	.1639538	
#1	1913.515	22235.33	1896.821	1460.724	2587.851	
#2	1918.944	22258.10	1905.994	1460.004	2595.574	
#3	1914.688	22408.59	1896.133	1463.994	2594.791	

Sample Name: CCB099 Acquired: 12/11/2024 18:40:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003719	.0026121	-.000983	-.000589	-.001163	.0013162
Stddev	.002631	.0016367	.000696	.000400	.000960	.0129102
%RSD	70.76194	62.65705	70.82225	67.78434	82.50860	980.8979

#1	-.003390	.0032663	-.000189	-.000865	-.001500	-.000667
#2	-.001267	.0038205	-.001489	-.000772	-.001909	.015103
#3	-.006498	.0007495	-.001271	-.000131	-.000080	-.010488

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001135	-.000029	.0001129	.0267266	.0001281	-.000054
Stddev	.001907	.000060	.0000161	.0178228	.0005410	.000061
%RSD	167.9692	203.4951	14.29183	66.68562	422.3572	112.9703

#1	-.000773	.000039	.0000984	.0411062	.0000932	.000008
#2	-.003197	-.000062	.0001099	.0322872	.0006858	-.000055
#3	.000564	-.000065	.0001303	.0067864	-.000395	-.000115

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024540	.0120603	.0004524	.0193193	-.000366	-.001550
Stddev	.0021853	.0132224	.0028690	.0705069	.000130	.000218
%RSD	89.05102	109.6359	634.1419	364.9547	35.55123	14.02973

#1	.0045760	.0222287	-.002805	.0406762	-.000295	-.001703
#2	.0002105	.0168392	.001558	.0766787	-.000516	-.001301
#3	.0025753	-.002887	.002604	-.059397	-.000287	-.001646

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.17143	-.000269	.0090858	-.670328	.0005102	.0113789
Stddev	.20806	.004630	.0022001	.144942	.0018132	.0015446
%RSD	17.76139	1719.115	24.21507	21.62256	355.4105	13.57430

#1	-1.30377	.002745	.0067678	-.798556	.0019063	.0115518
#2	-.93161	-.005600	.0111452	-.699361	.0011633	.0097551
#3	-1.27892	.002047	.0093446	-.513067	-.001539	.0128298

Sample Name: CCB099 Acquired: 12/11/2024 18:40:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v11) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001171	.0002728	-.003461	F -.012023	.0029095	.0001826
Stddev	.0004942	.0018554	.001254	.000608	.0017782	.0003323
%RSD	421.9366	680.1328	36.22938	5.054701	61.11710	181.9608
#1	.0006502	-.000243	-.002650	-.011513	.0049628	.0005577
#2	-.000326	.002331	-.004905	-.012696	.0018854	-.000075
#3	.000027	-.001270	-.002827	-.011861	.0018803	.000066

Elem	Li6707
Units	ppm
Avg	F -.064299
Stddev	.002336
%RSD	3.633814
#1	-.062189
#2	-.063897
#3	-.066810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.012	25434.00	1965.925	1801.461	3268.745
Stddev	1.137	253.06	10.945	21.795	7.113
%RSD	.0489892	.9949601	.5567559	1.209875	.2176161
#1	2320.721	25274.95	1962.775	1793.122	3272.535
#2	2320.614	25725.81	1956.900	1826.194	3273.161
#3	2318.701	25301.23	1978.100	1785.066	3260.539