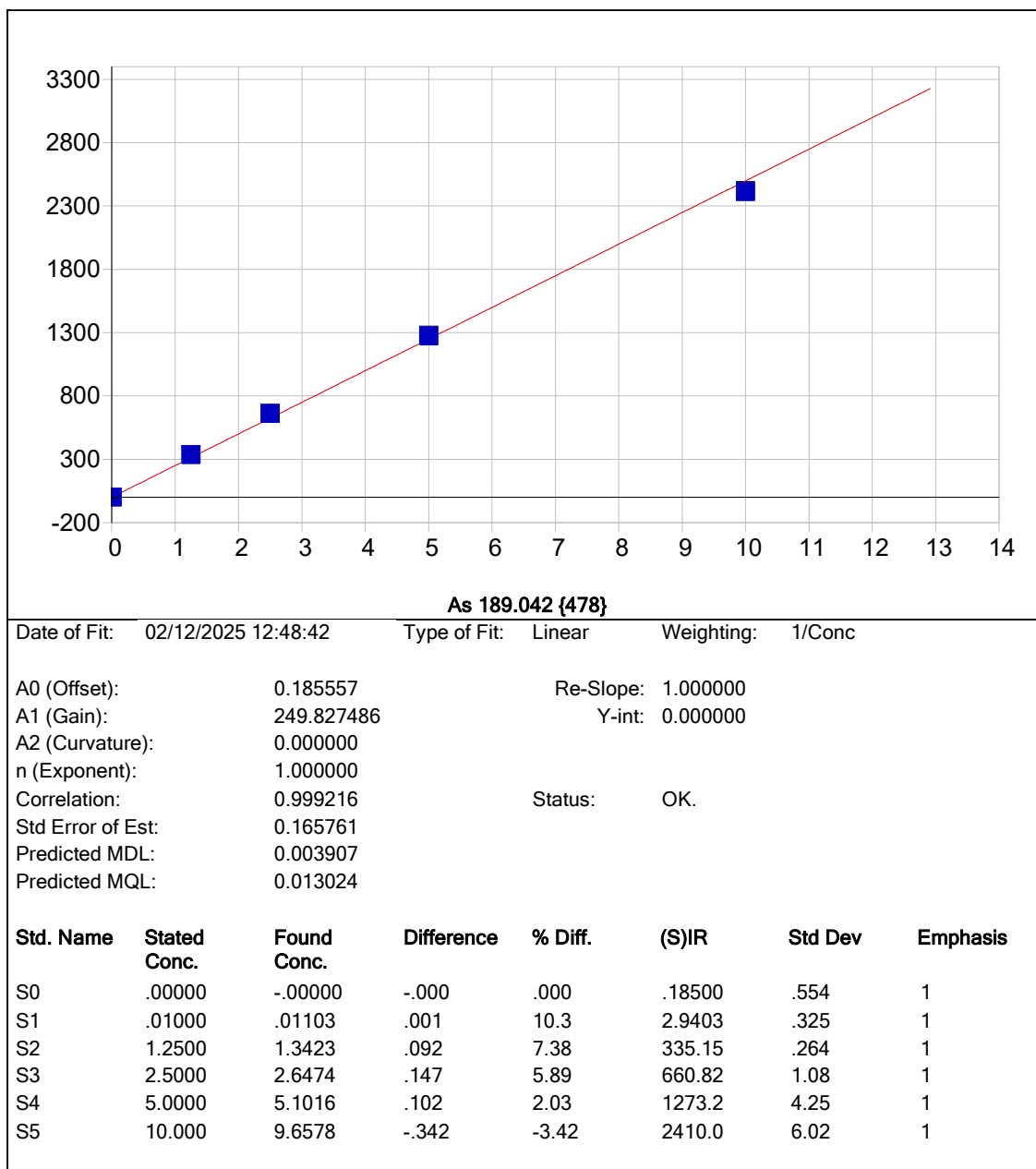
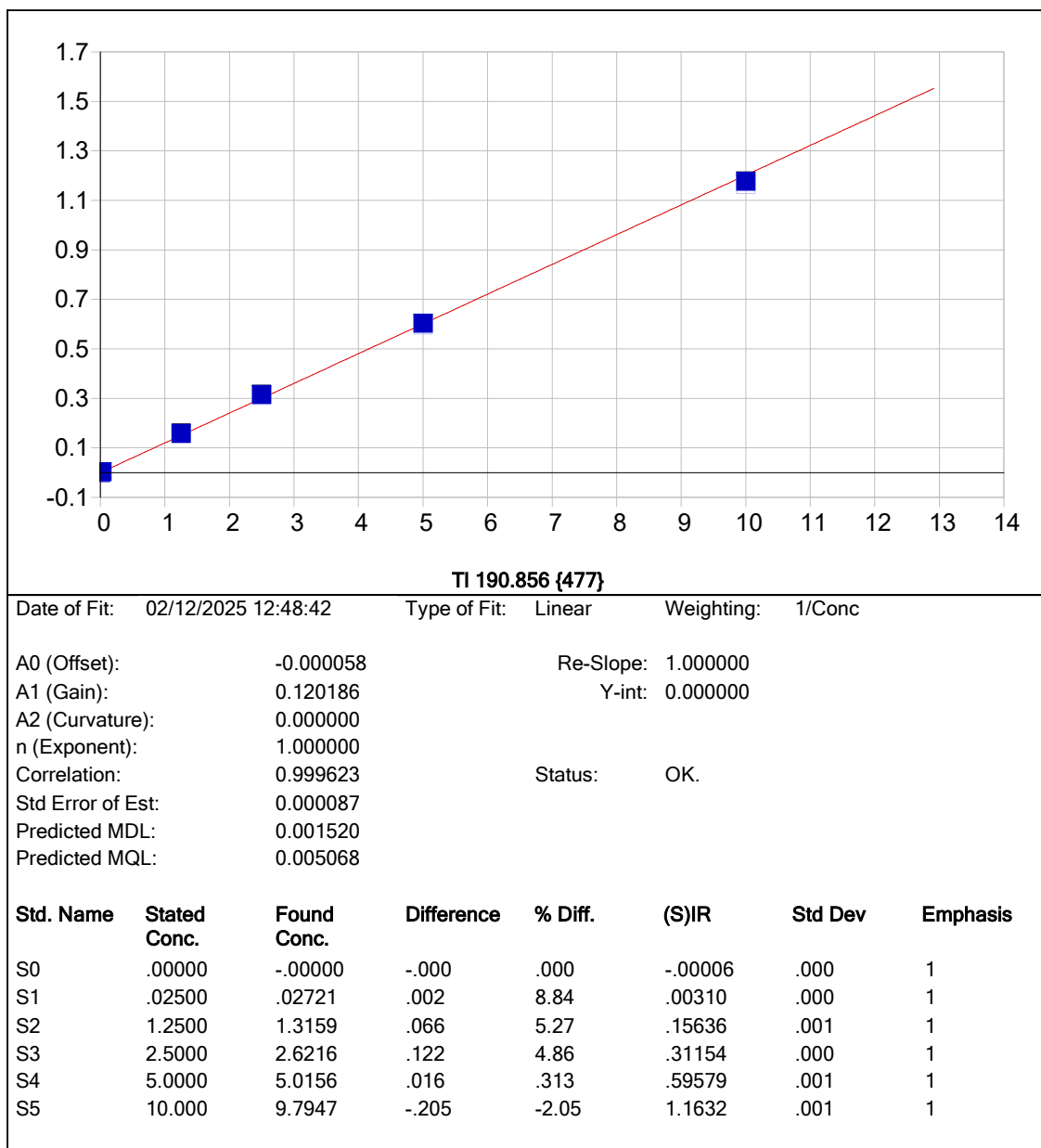
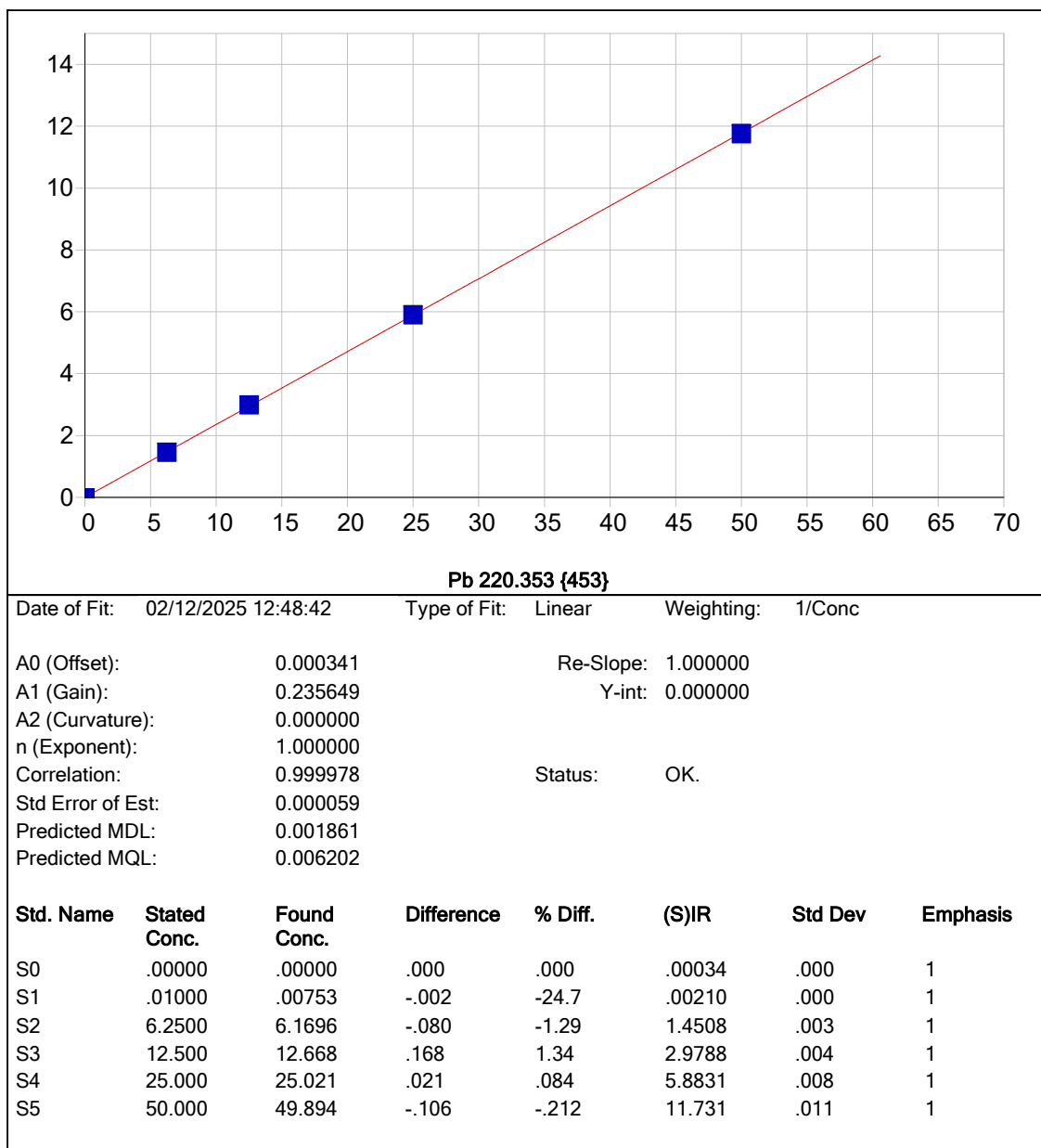
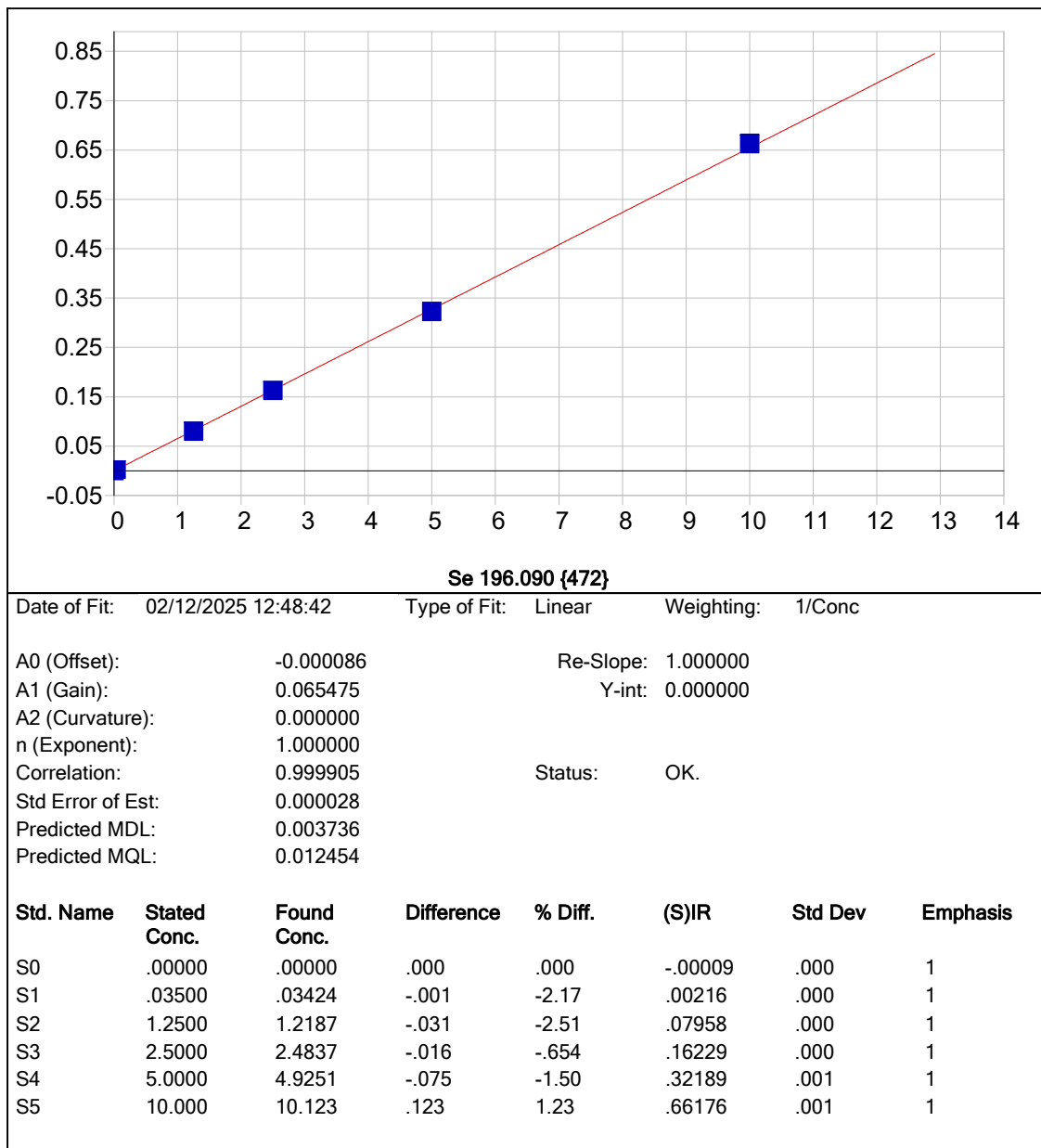
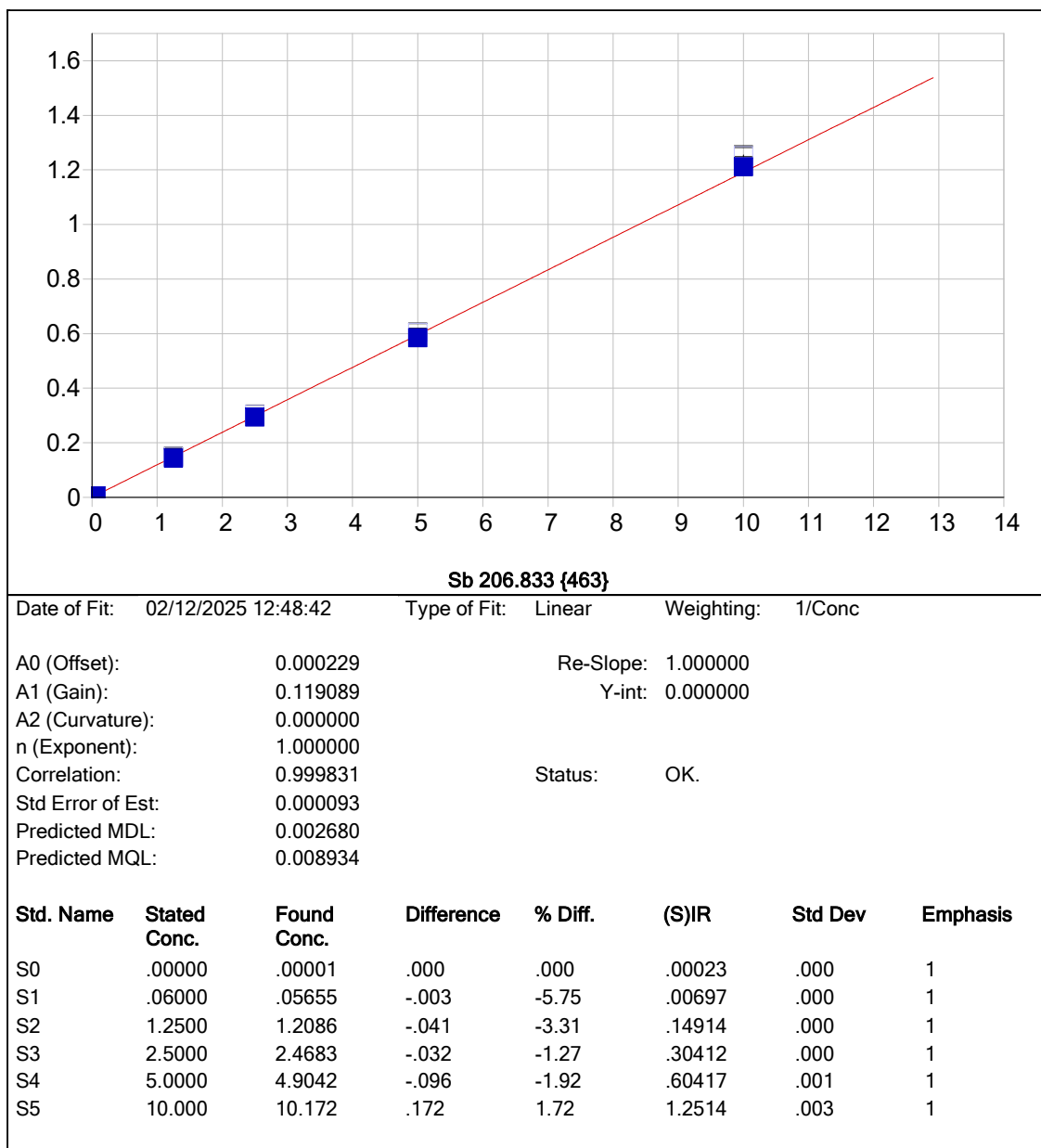


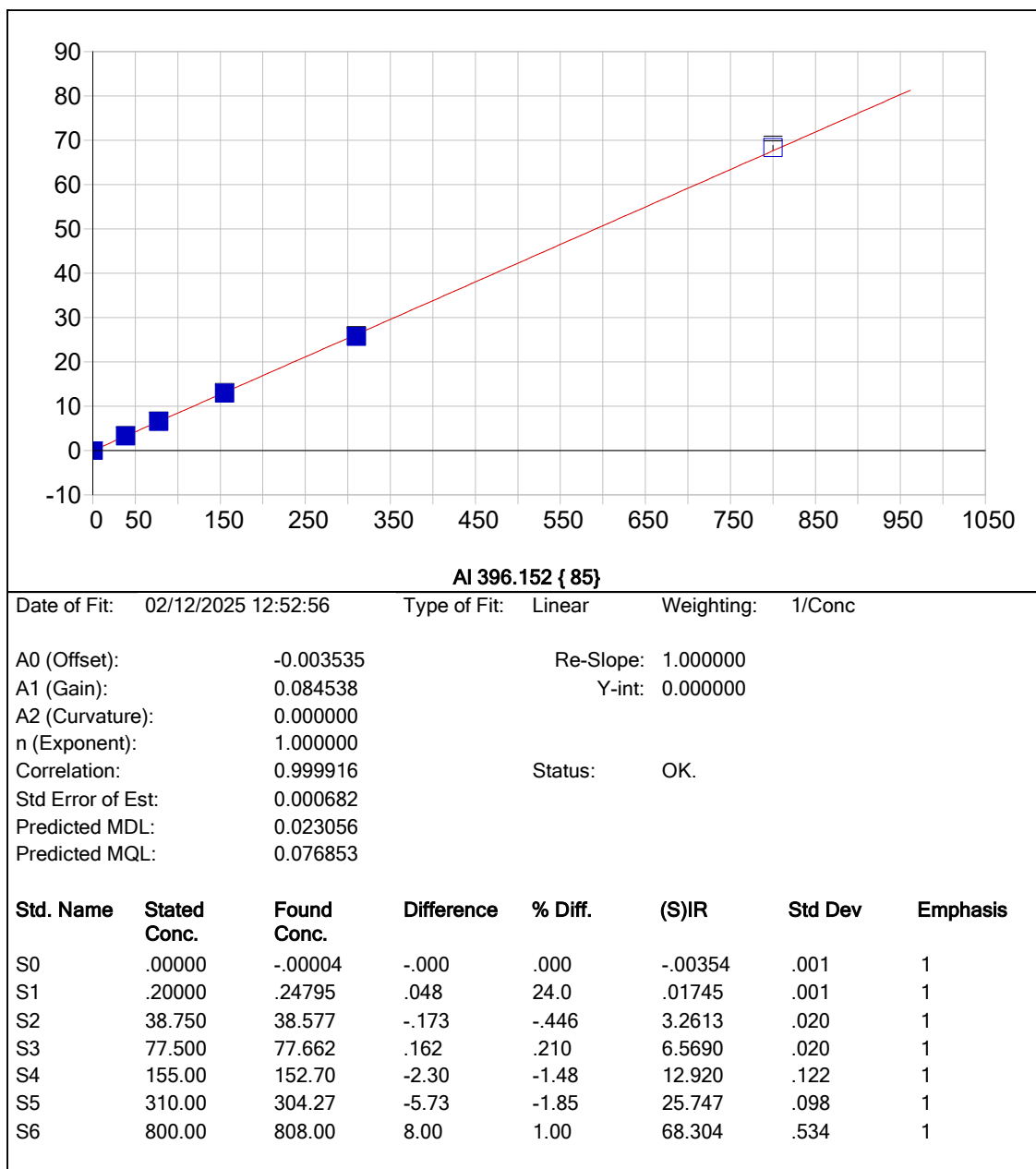


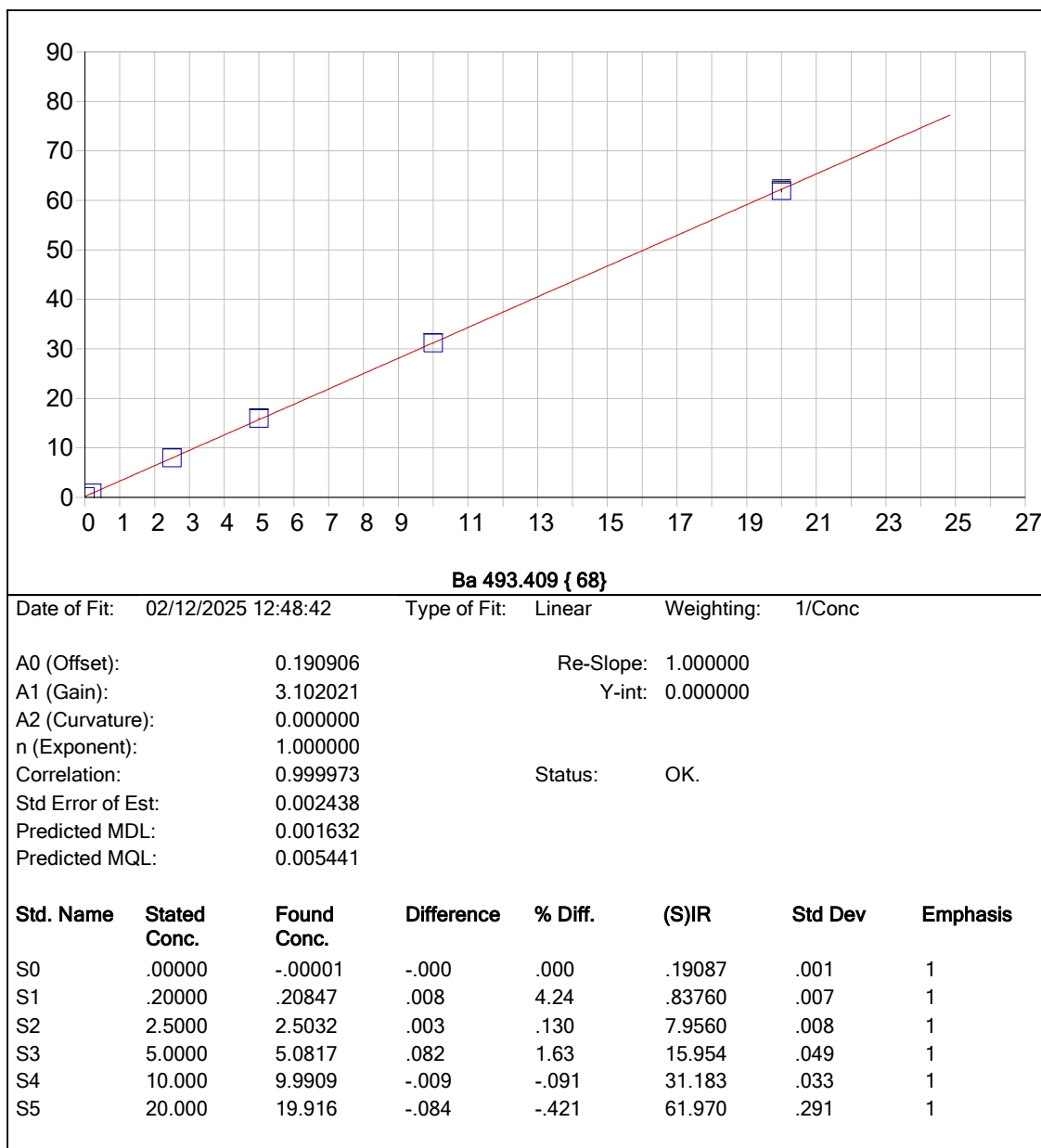


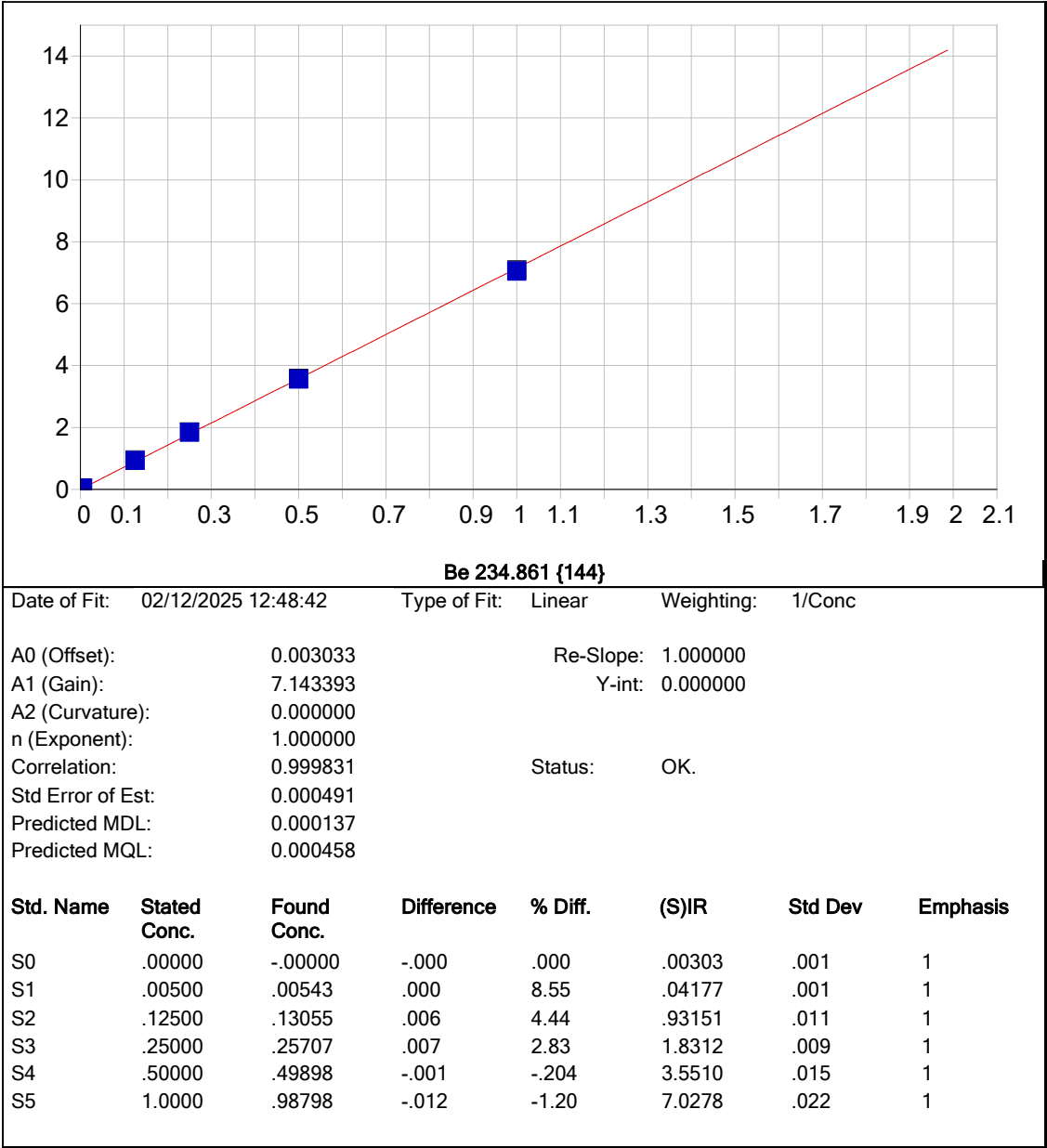


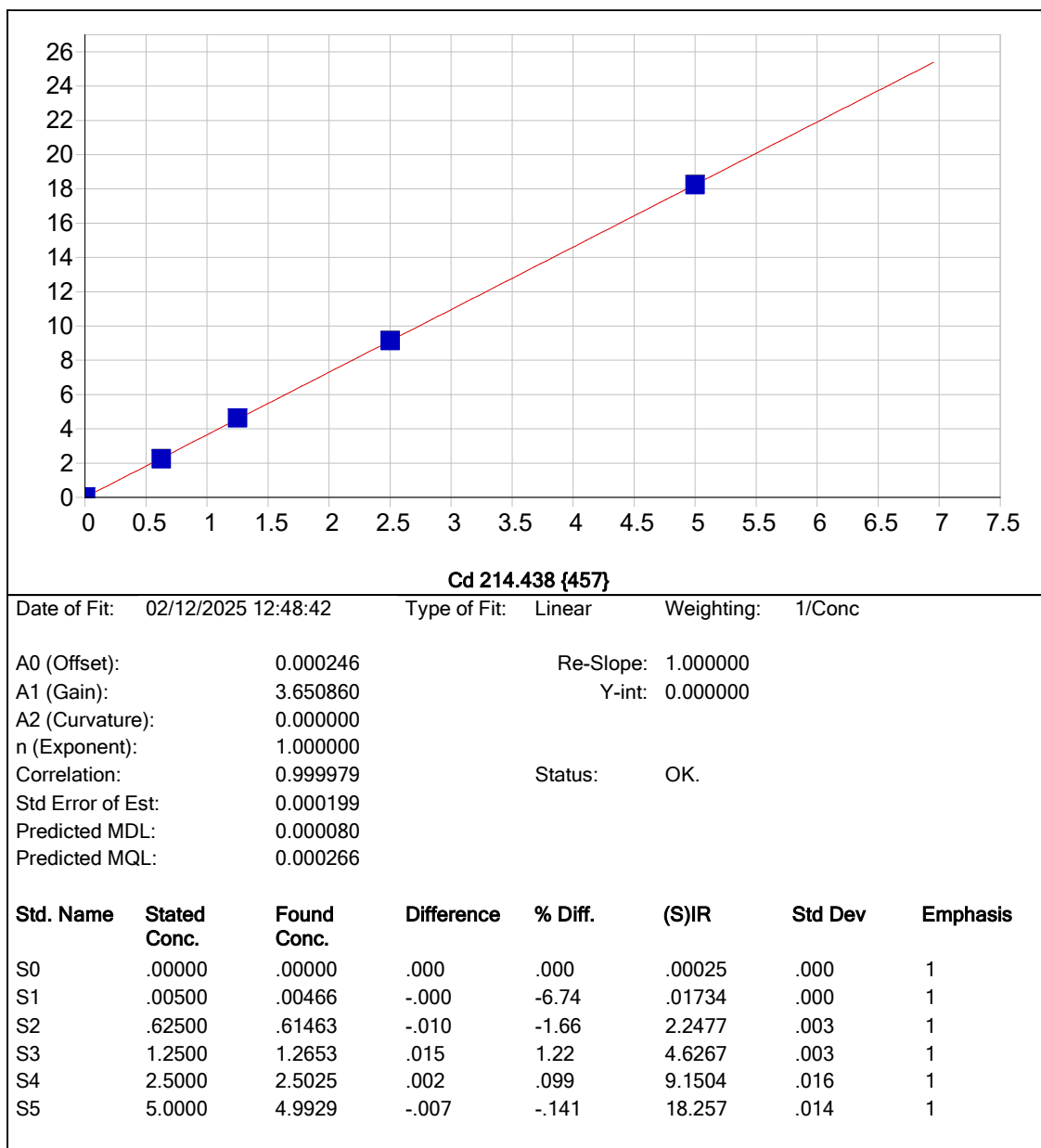


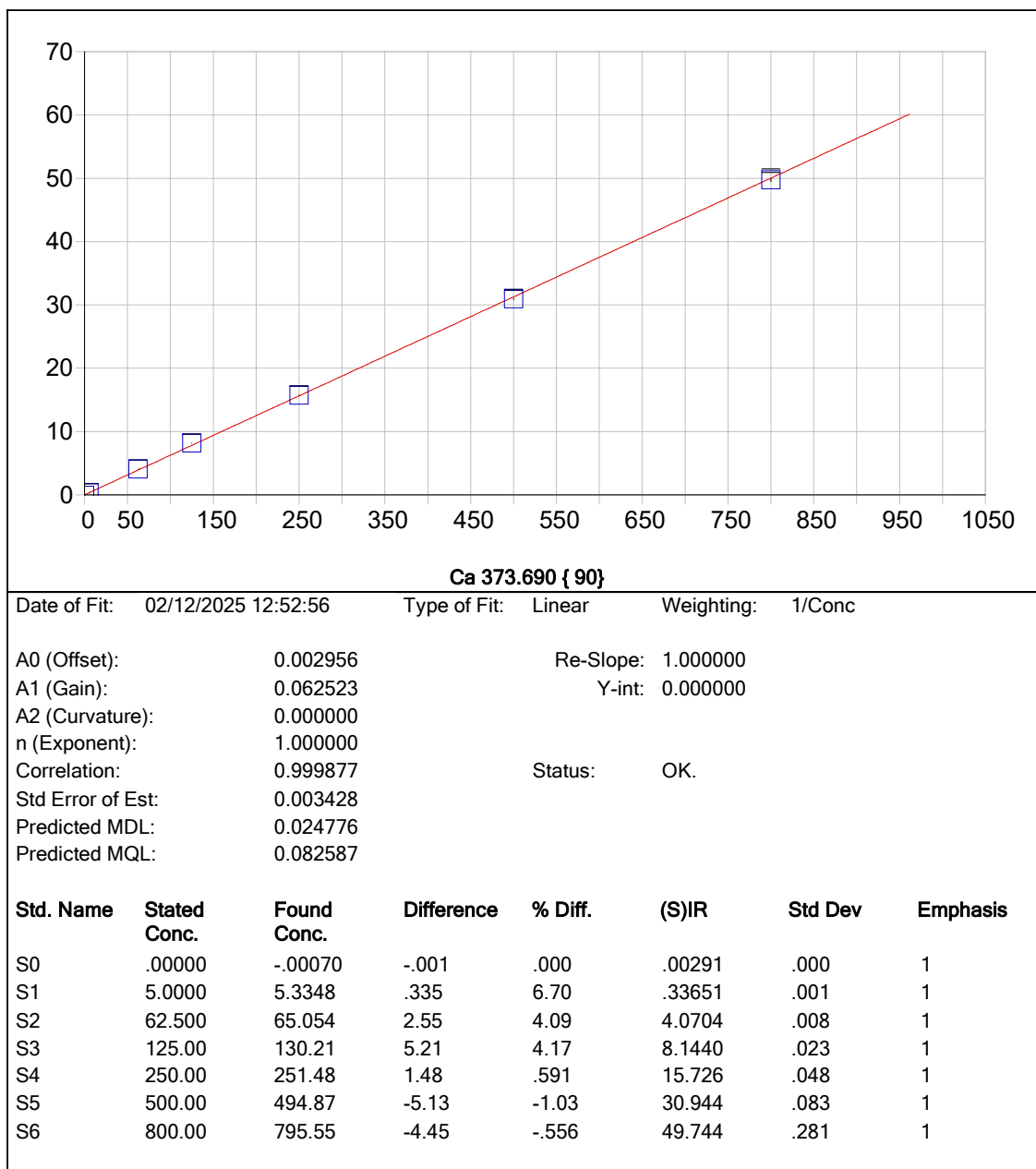


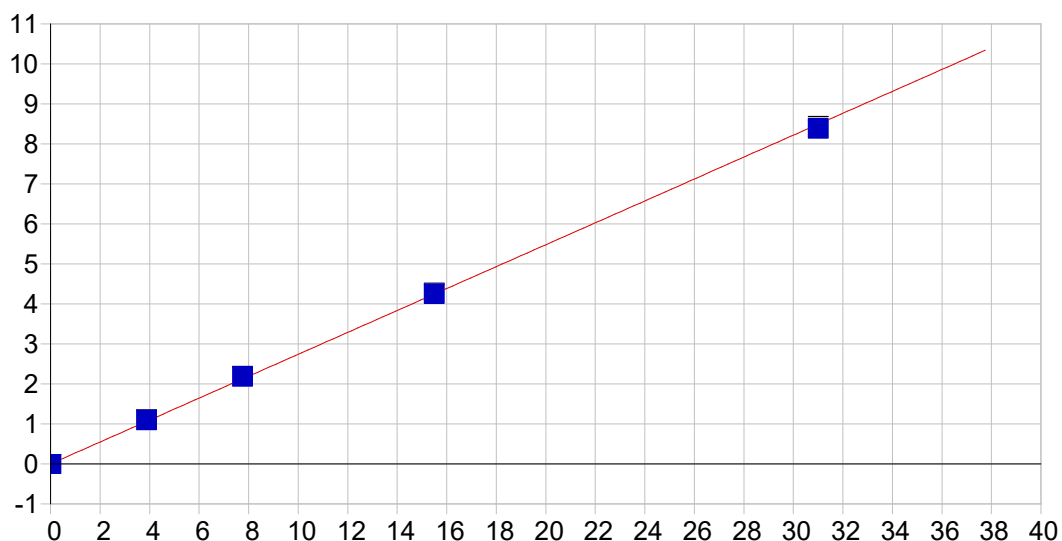










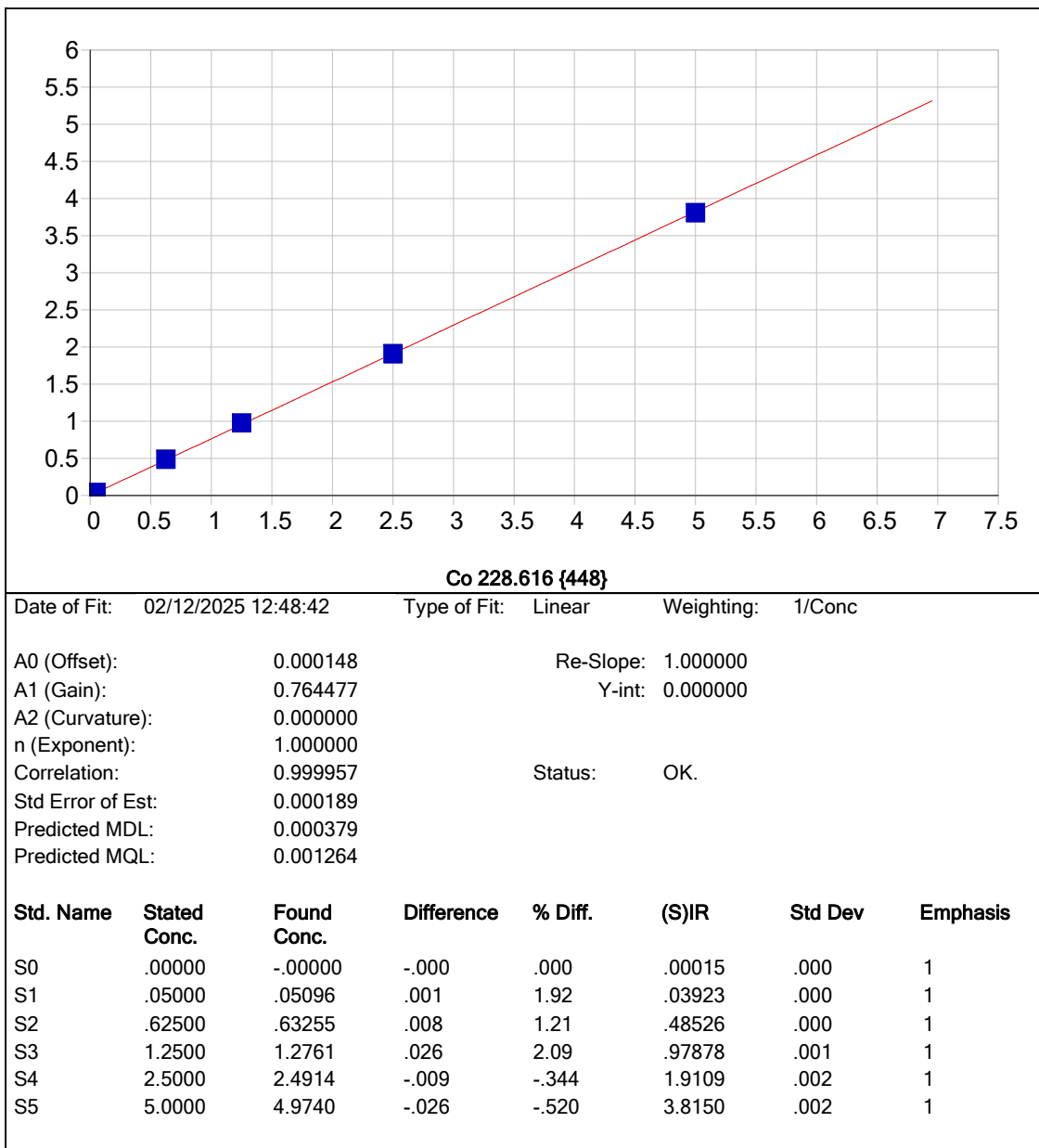


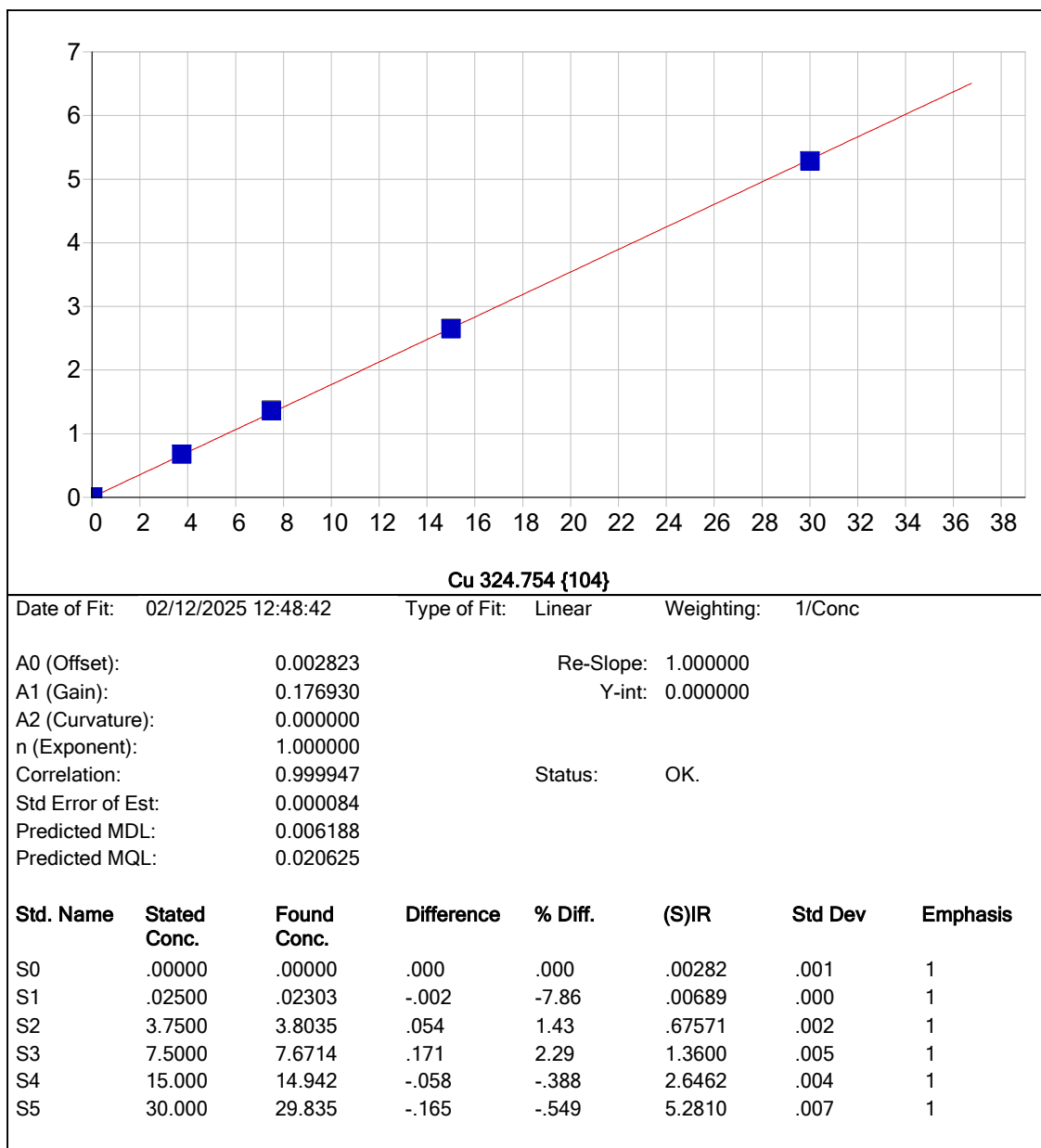
Cr 267.716 {126}

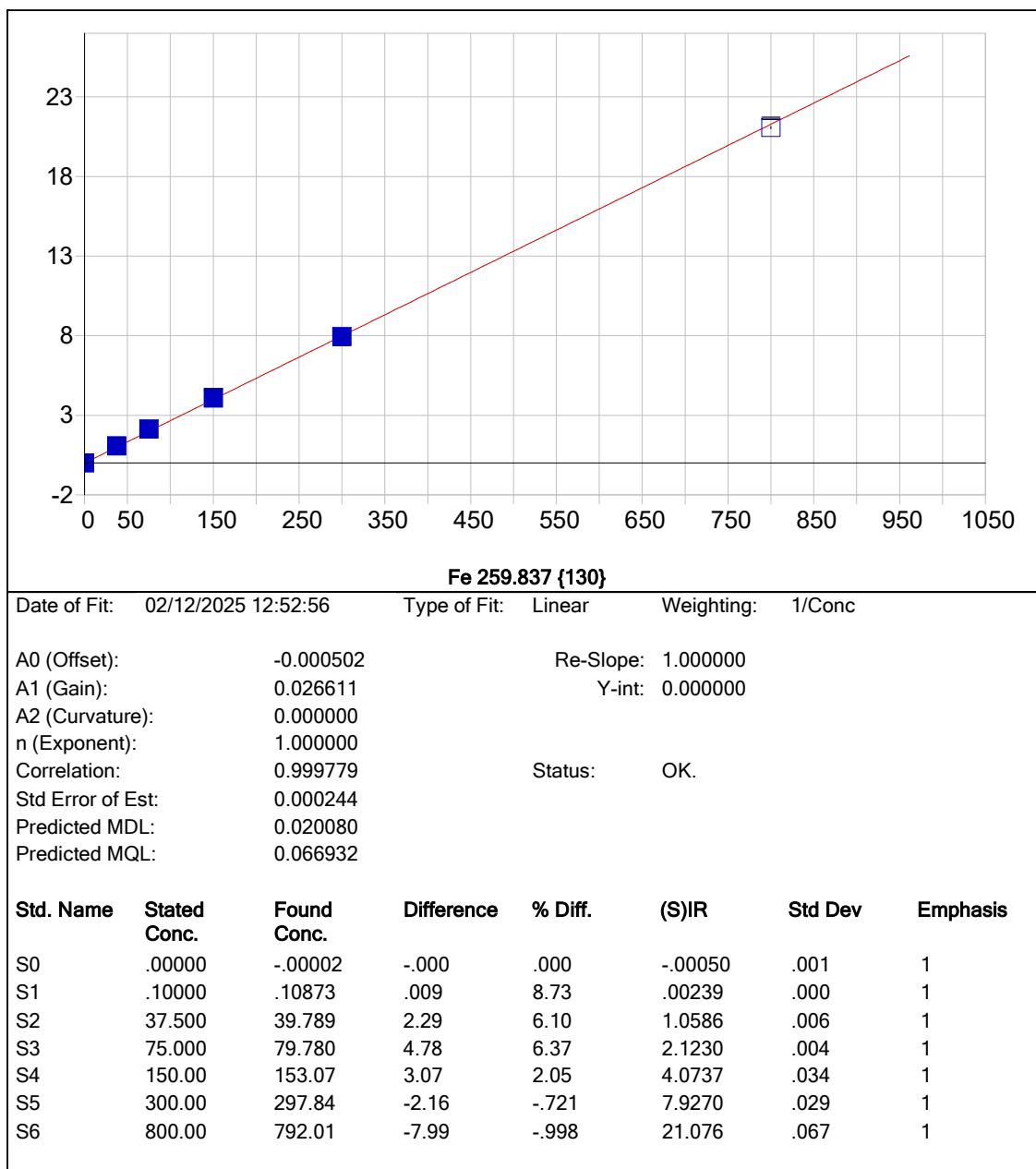
Date of Fit: 02/12/2025 12:48:42 Type of Fit: Linear Weighting: 1/Conc

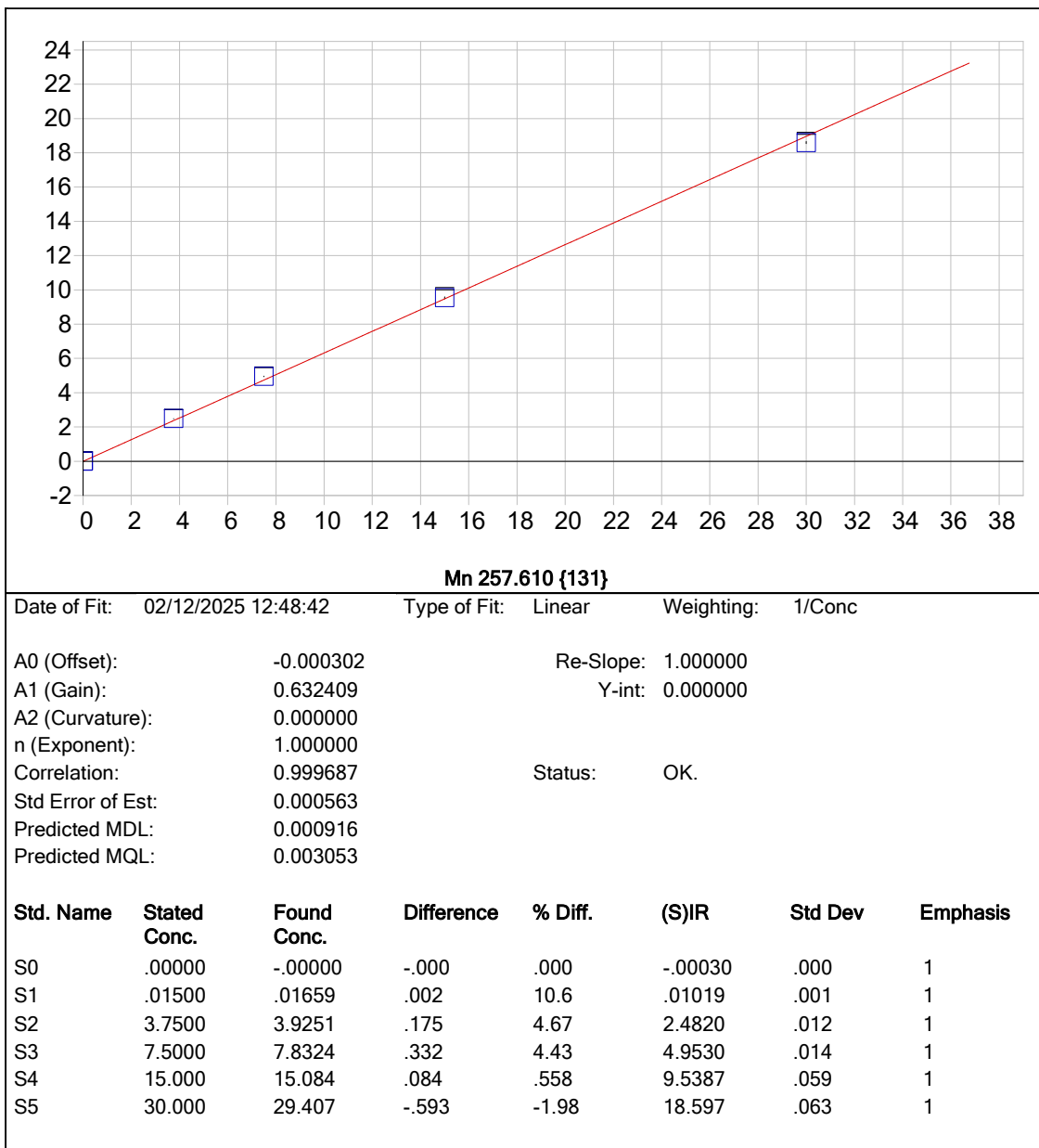
A0 (Offset): 0.000119 Re-Slope: 1.000000
A1 (Gain): 0.273930 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999862 Status: OK.
Std Error of Est: 0.000134
Predicted MDL: 0.000739
Predicted MQL: 0.002464

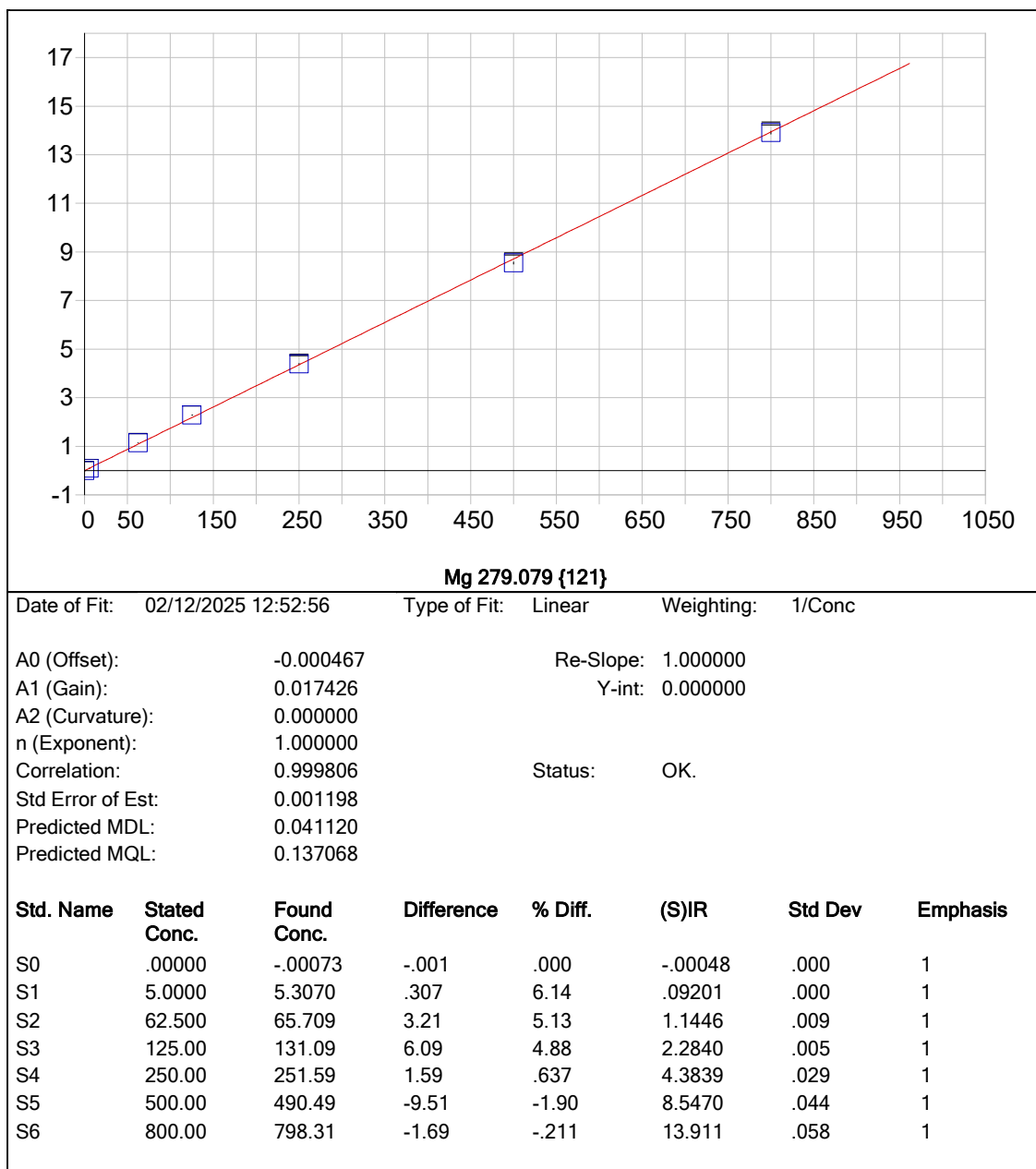
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.01000	.01024	.000	2.36	.00293	.000	1
S2	3.8750	4.0082	.133	3.44	1.0989	.005	1
S3	7.7500	7.9745	.225	2.90	2.1862	.003	1
S4	15.500	15.532	.032	.208	4.2581	.011	1
S5	31.000	30.610	-.390	-1.26	8.3917	.049	1

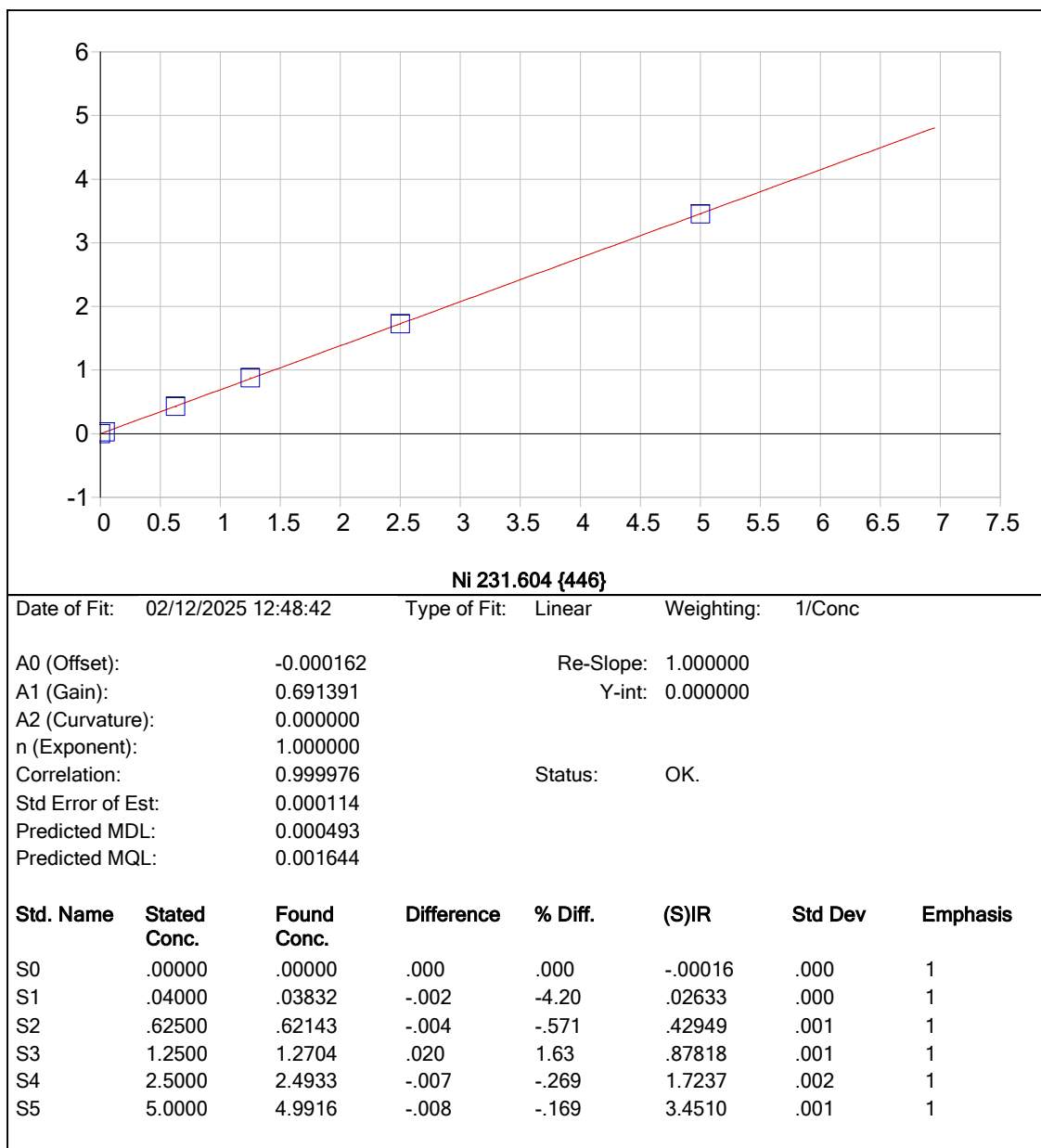


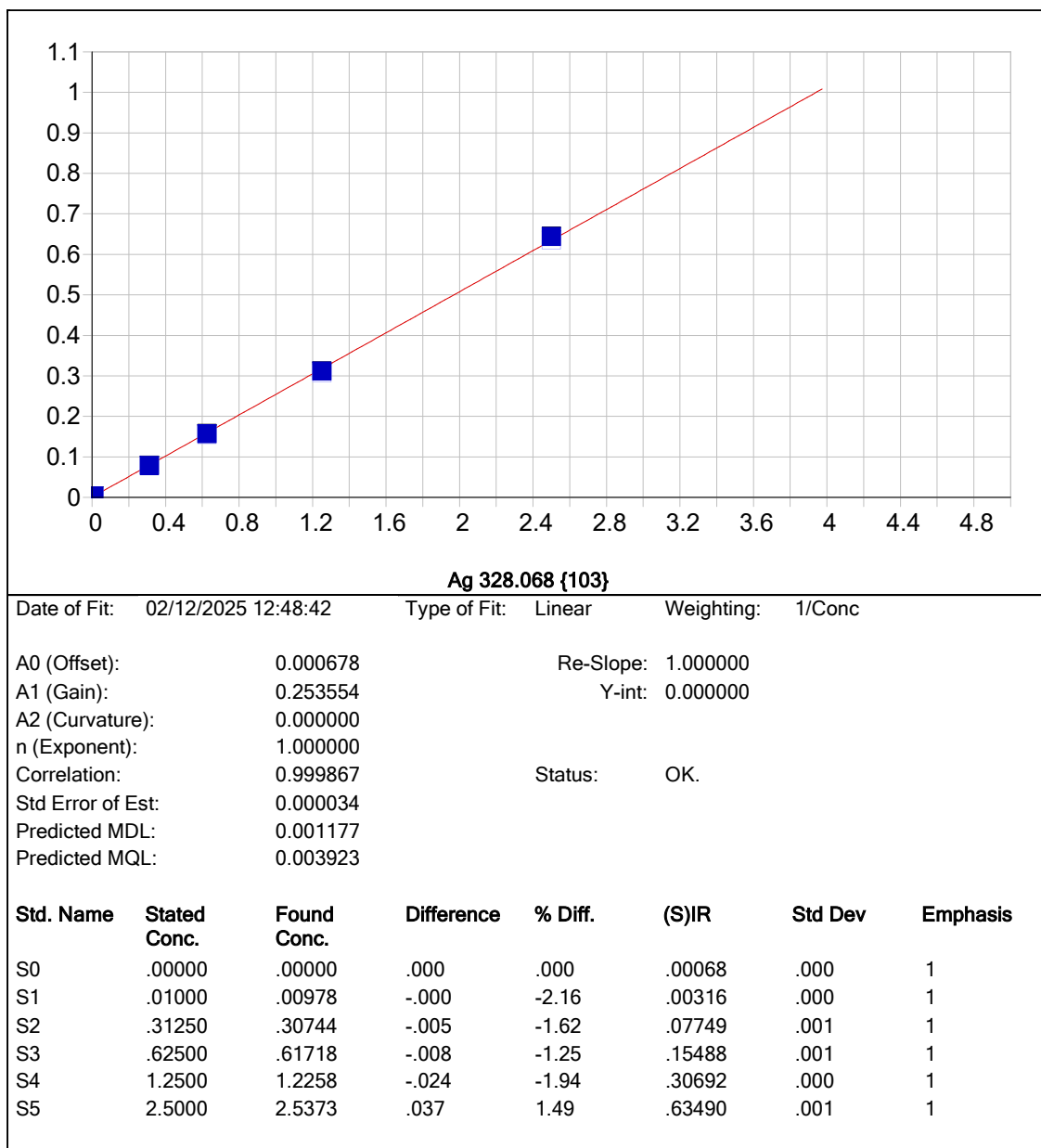


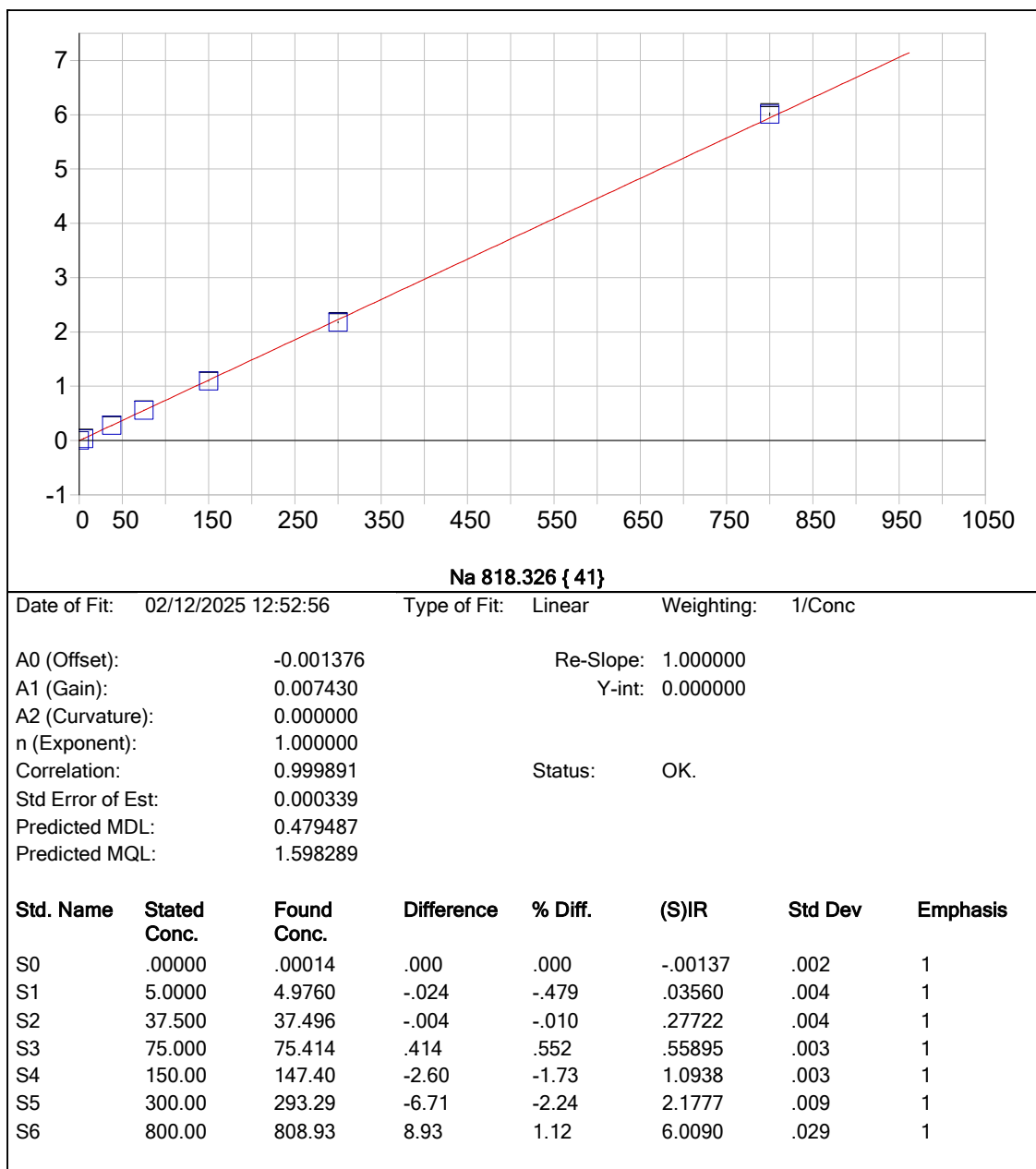


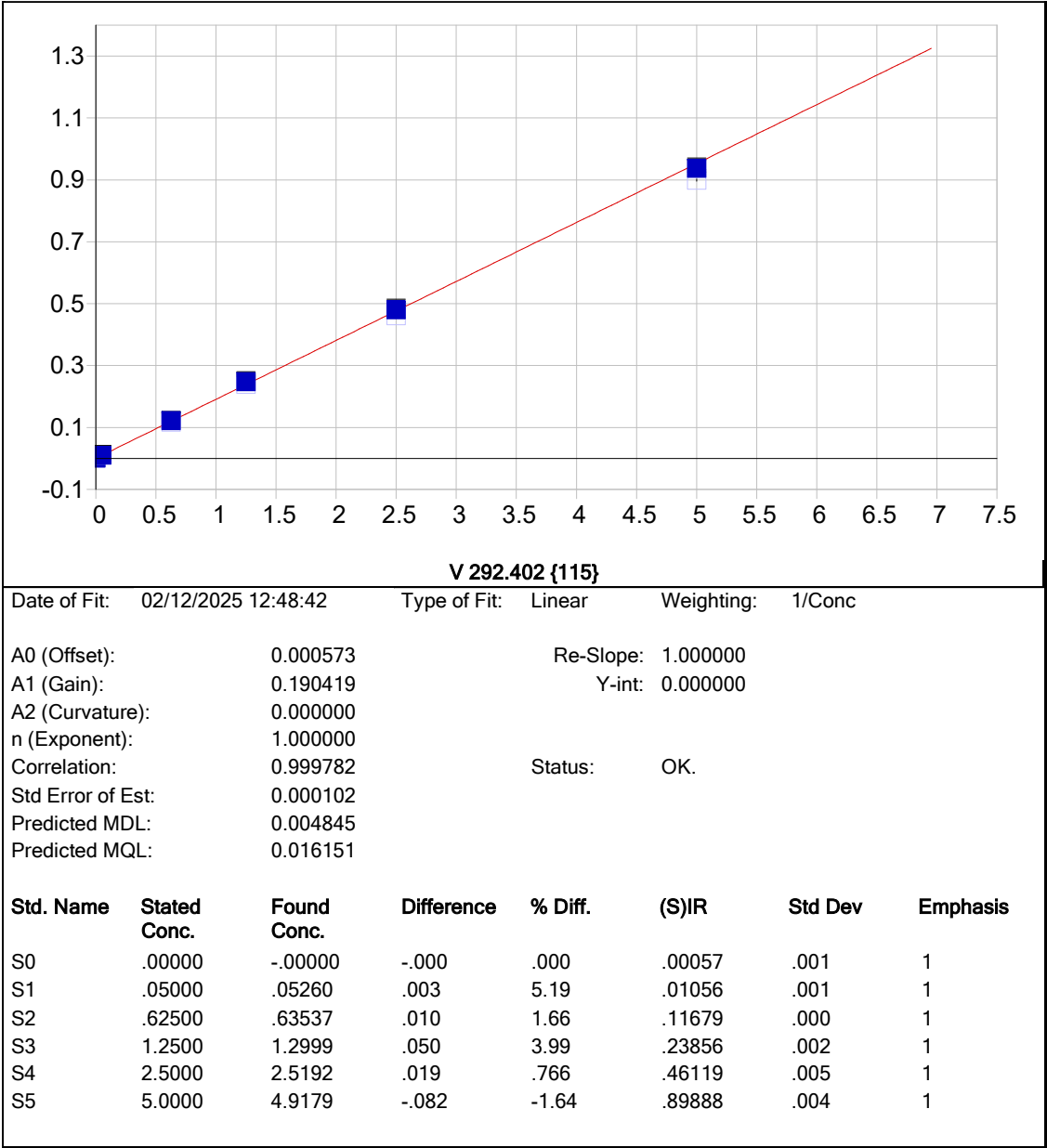


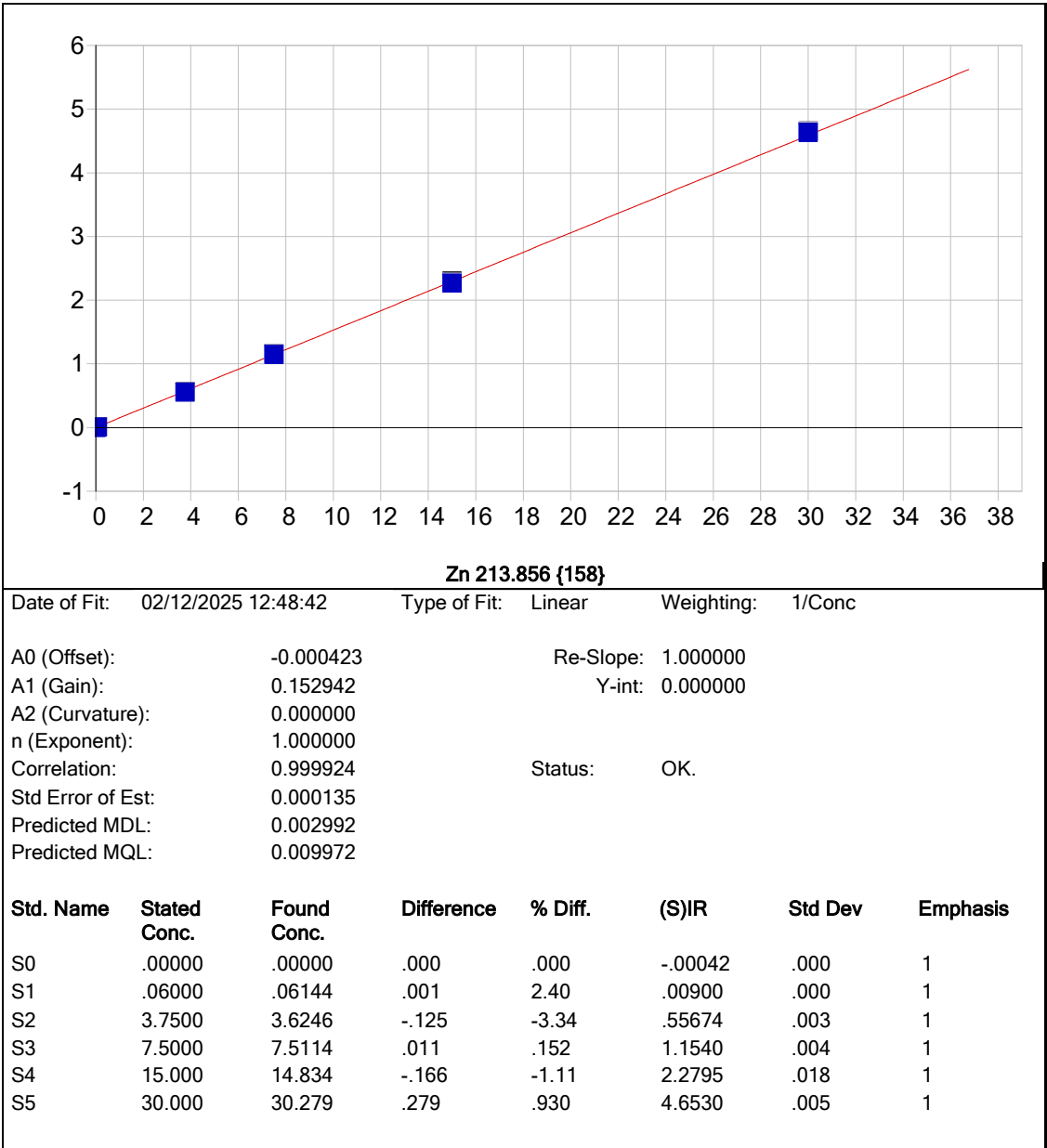


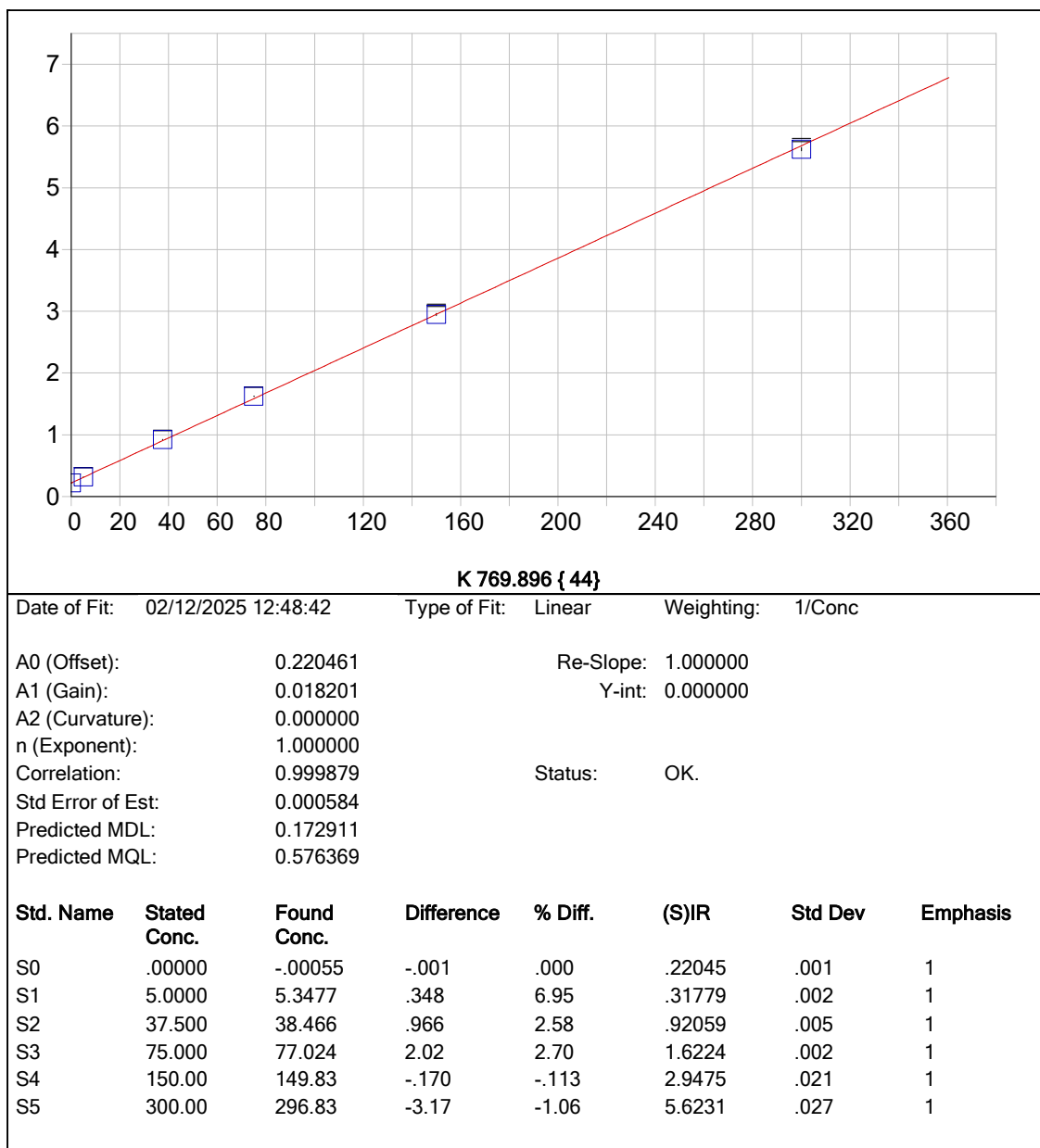


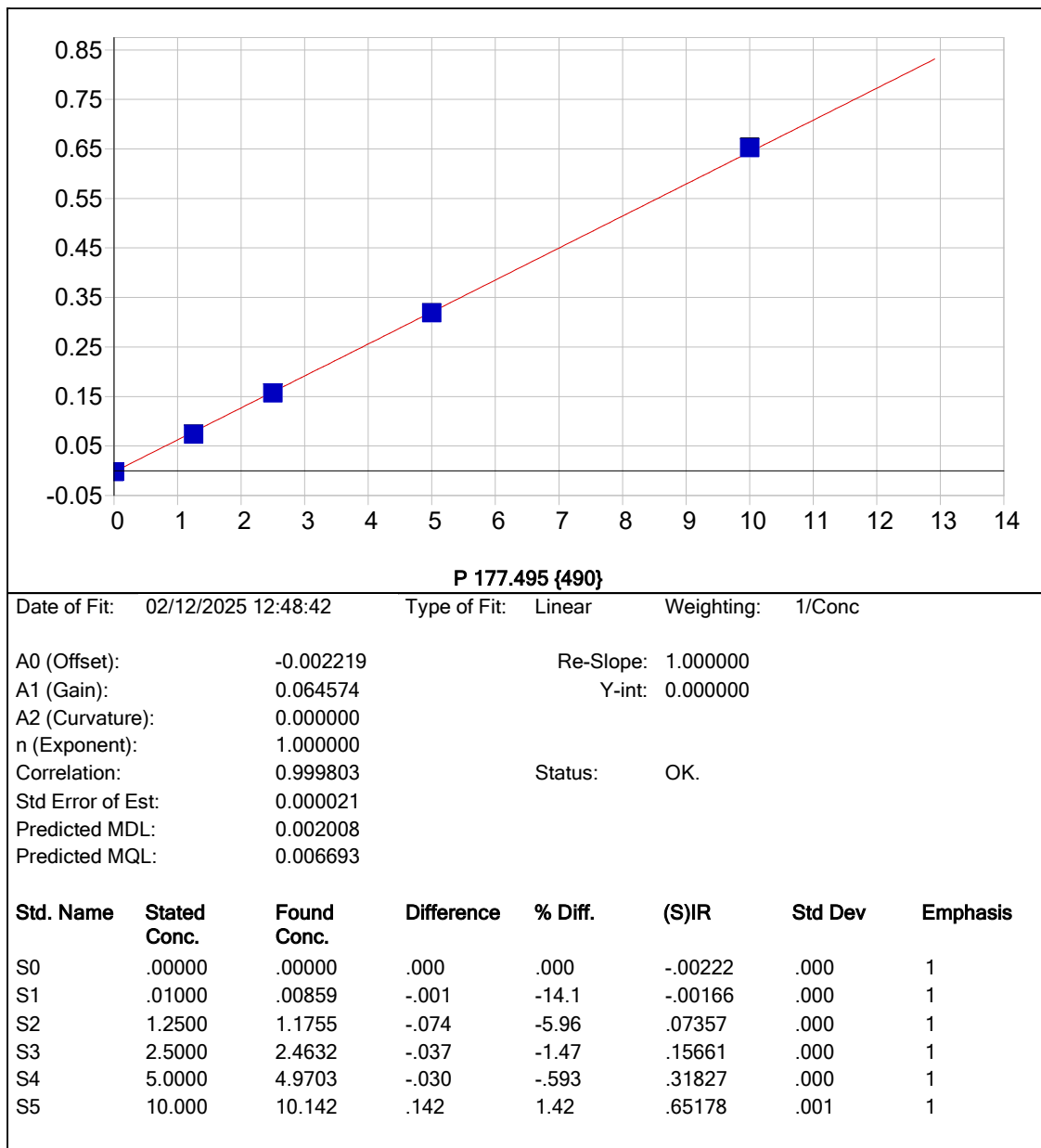






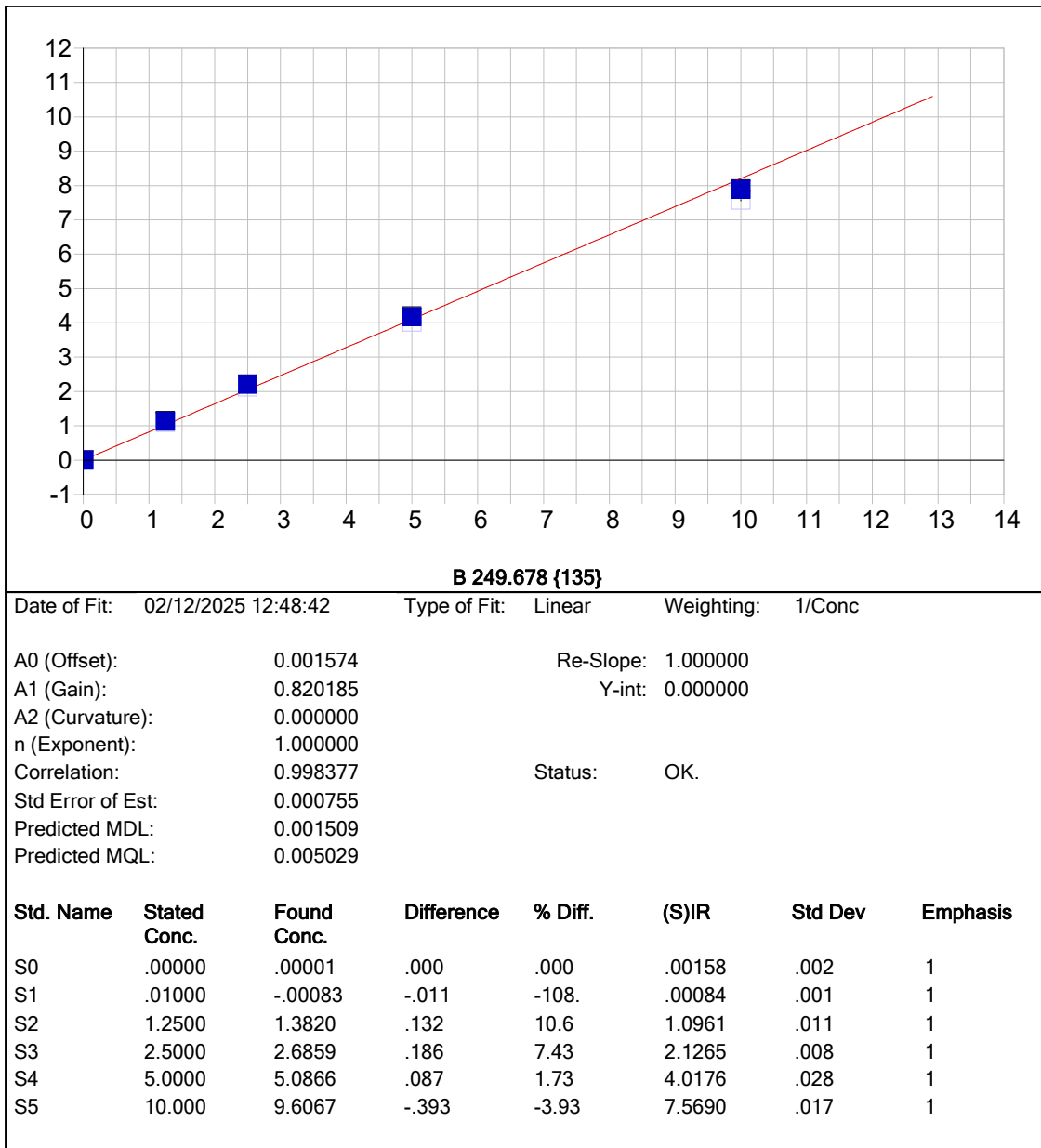






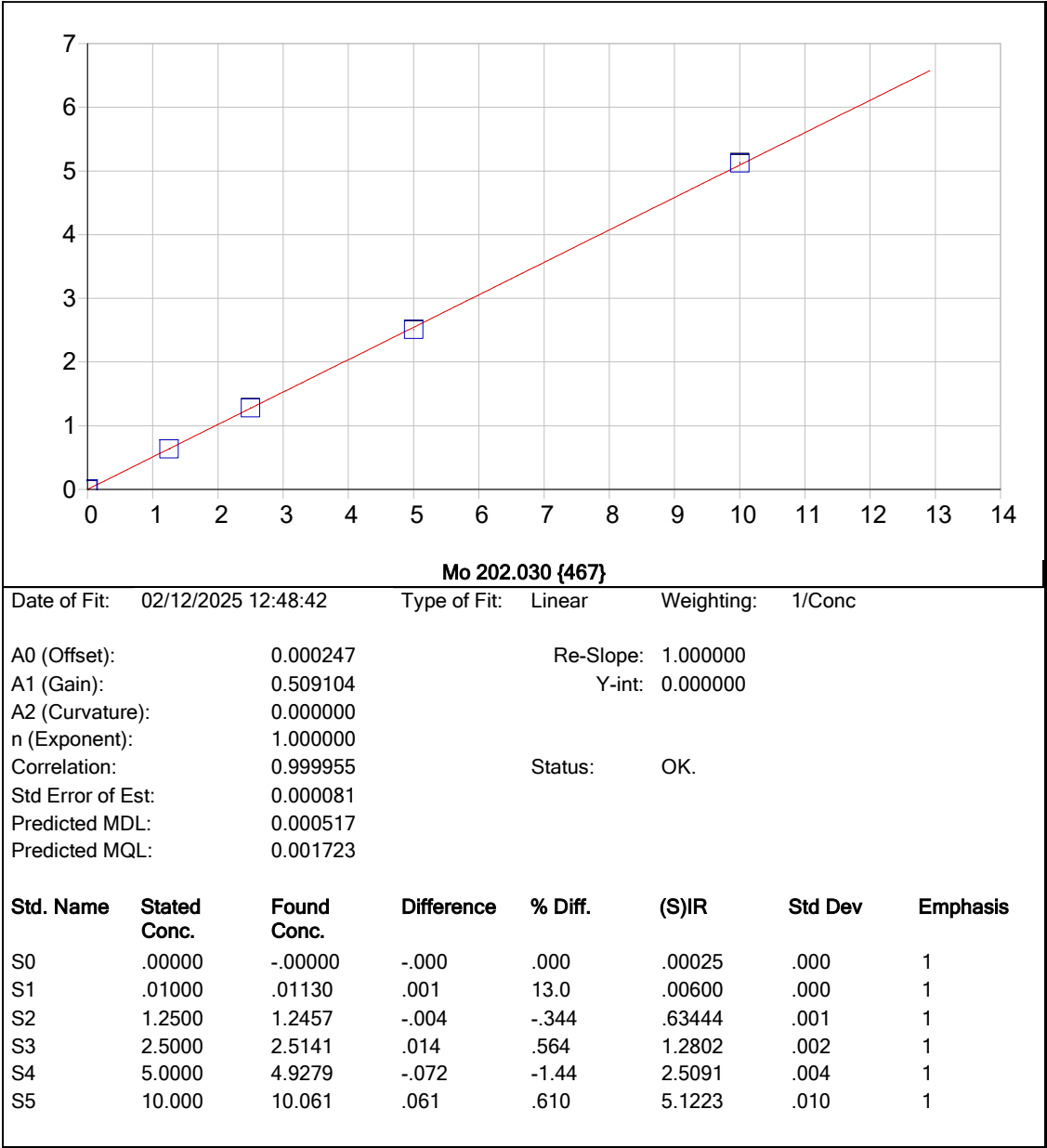
Date of Fit: 02/12/2025 12:48:42 Type of Fit: Linear Weighting: 1/Conc

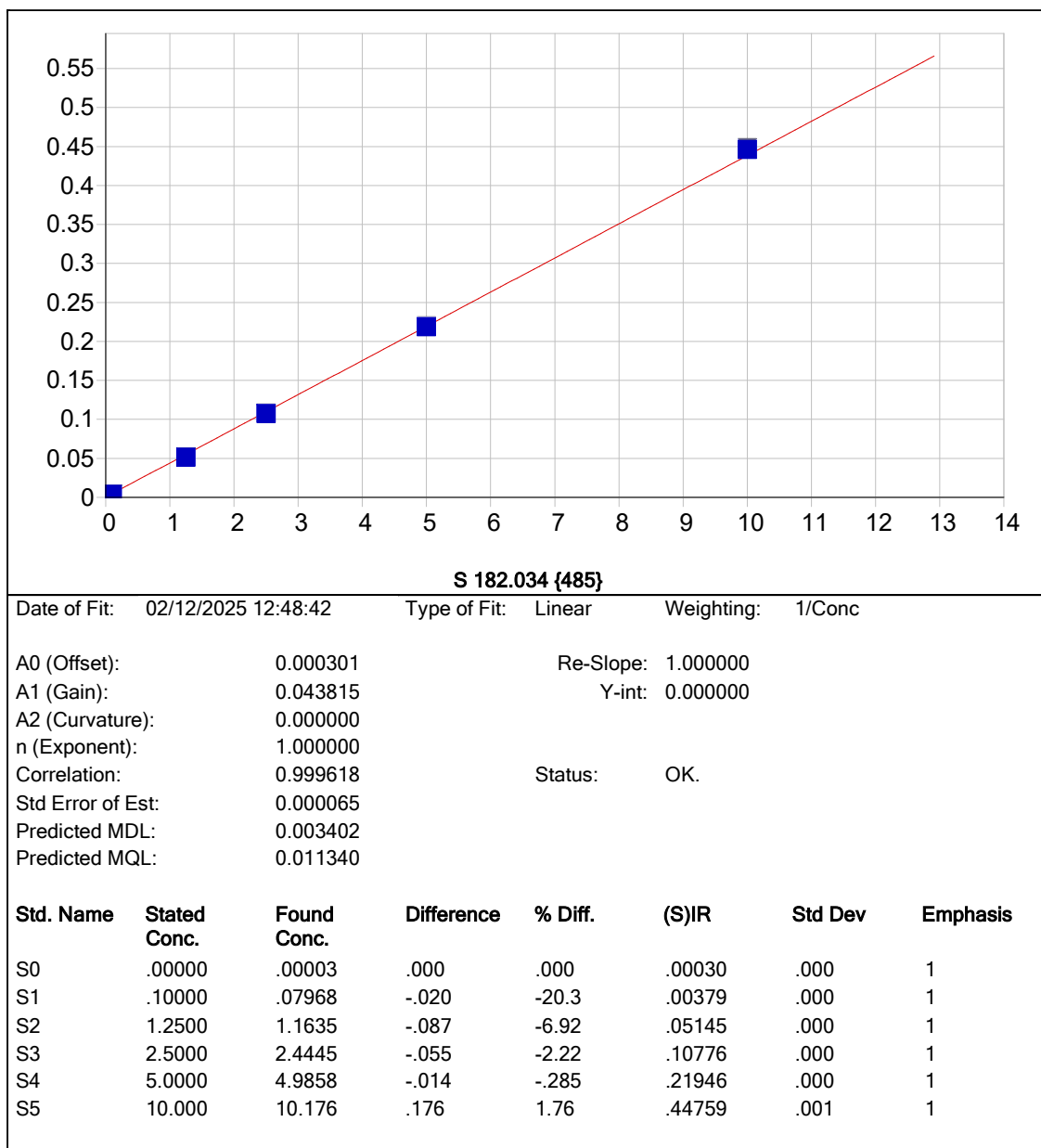
A0 (Offset): -0.002219 Re-Slope: 1.000000
A1 (Gain): 0.064574 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999803 Status: OK.
Std Error of Est: 0.000021
Predicted MDL: 0.002008
Predicted MQL: 0.006693

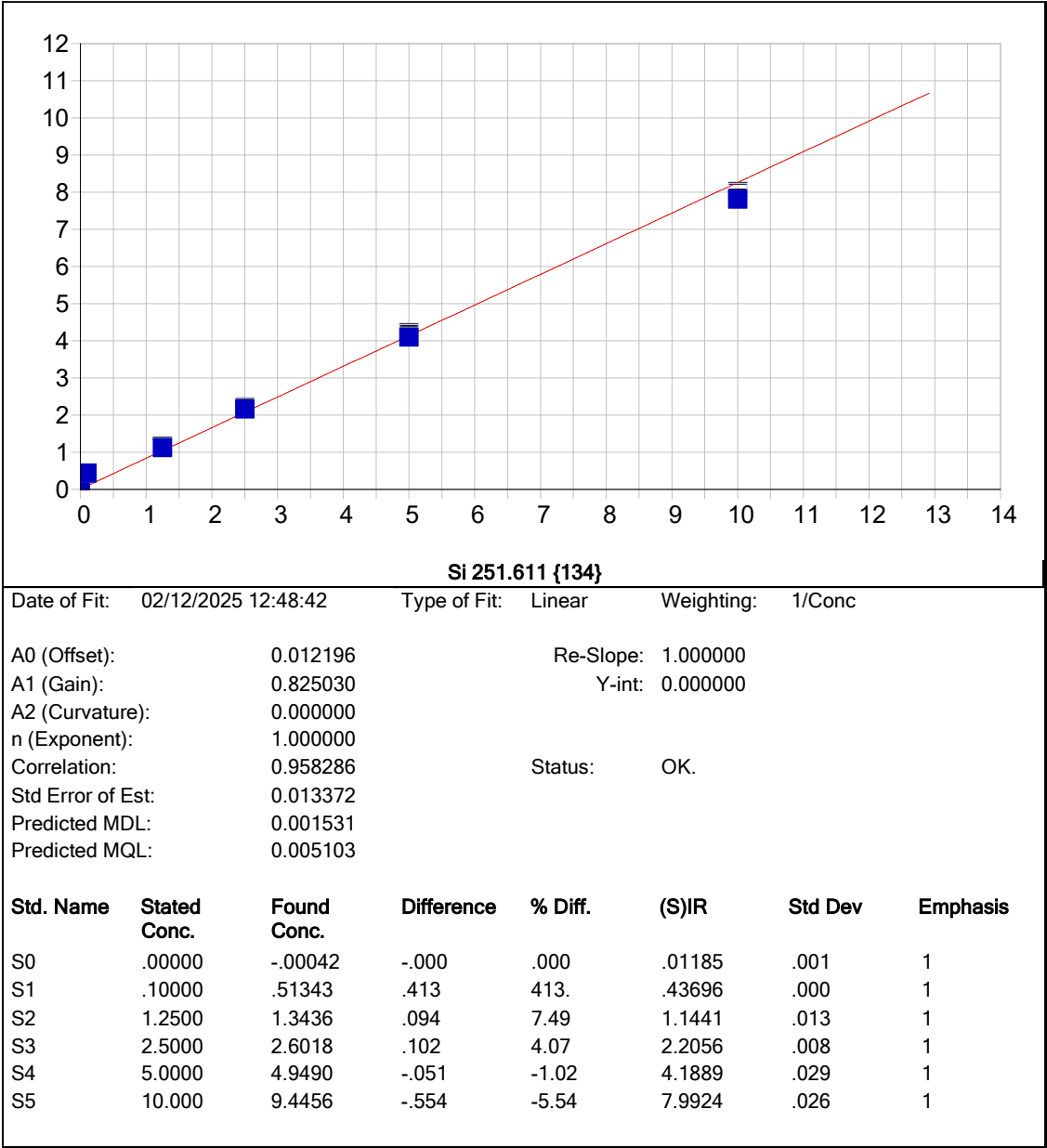


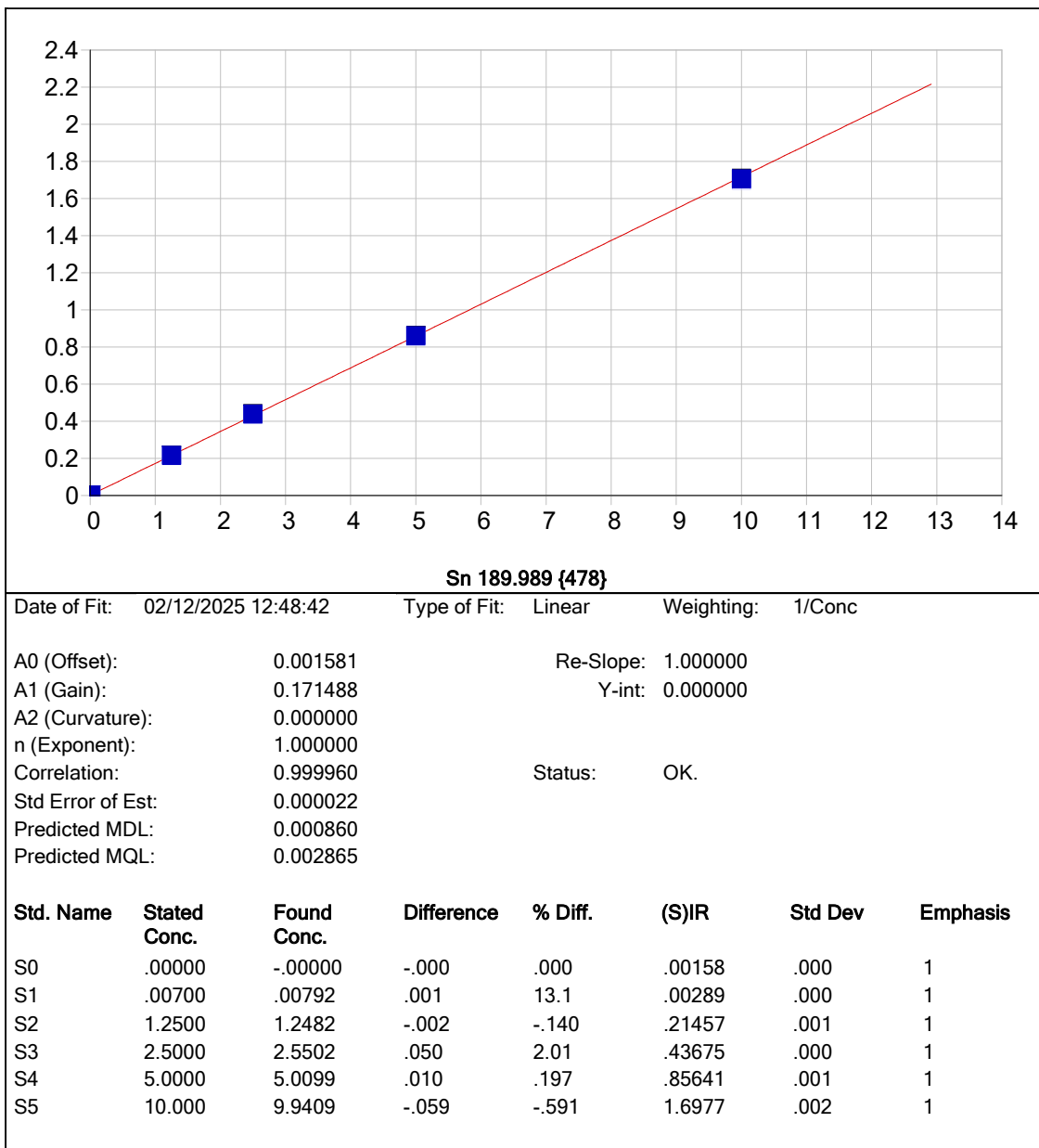
Date of Fit: 02/12/2025 12:48:42 Type of Fit: Linear Weighting: 1/Conc

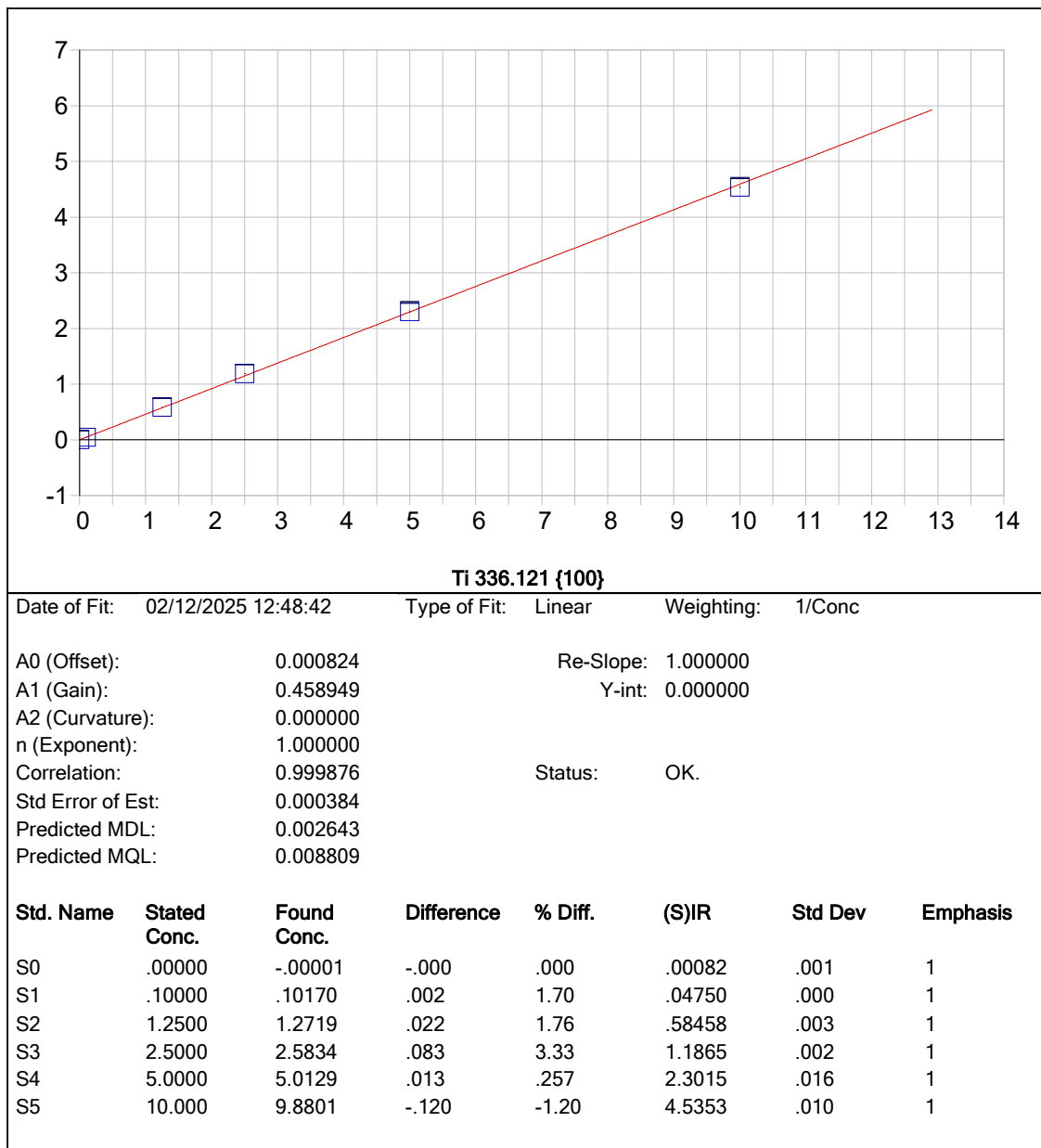
A0 (Offset): 0.001574 Re-Slope: 1.000000
A1 (Gain): 0.820185 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998377 Status: OK.
Std Error of Est: 0.000755
Predicted MDL: 0.001509
Predicted MQL: 0.005029

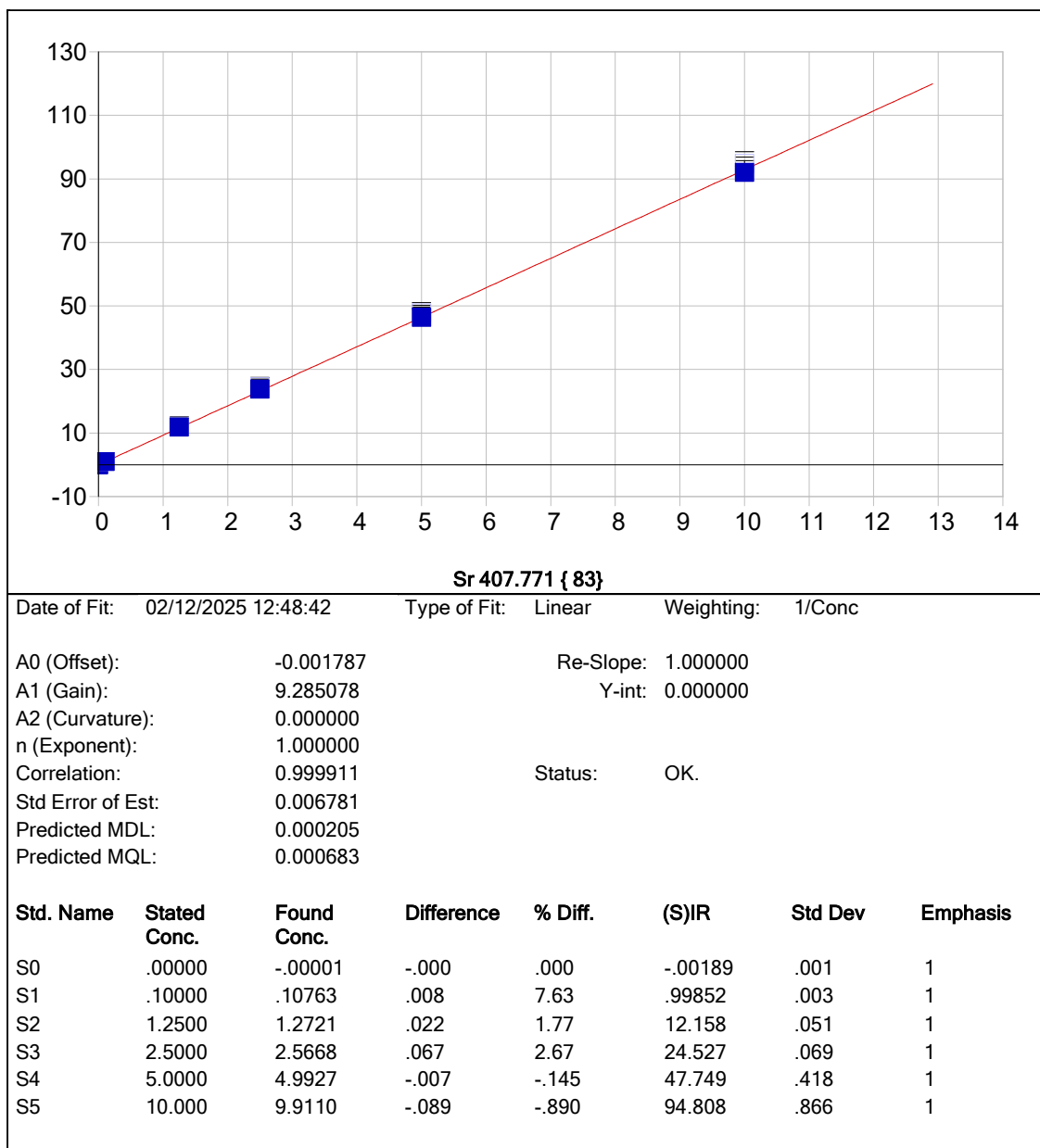


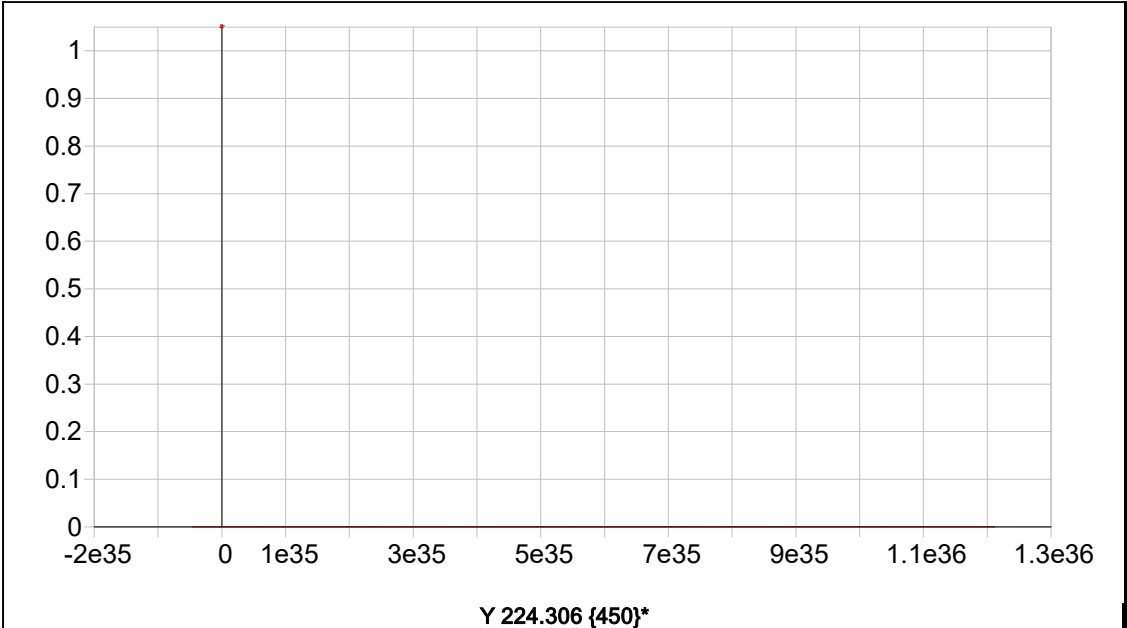








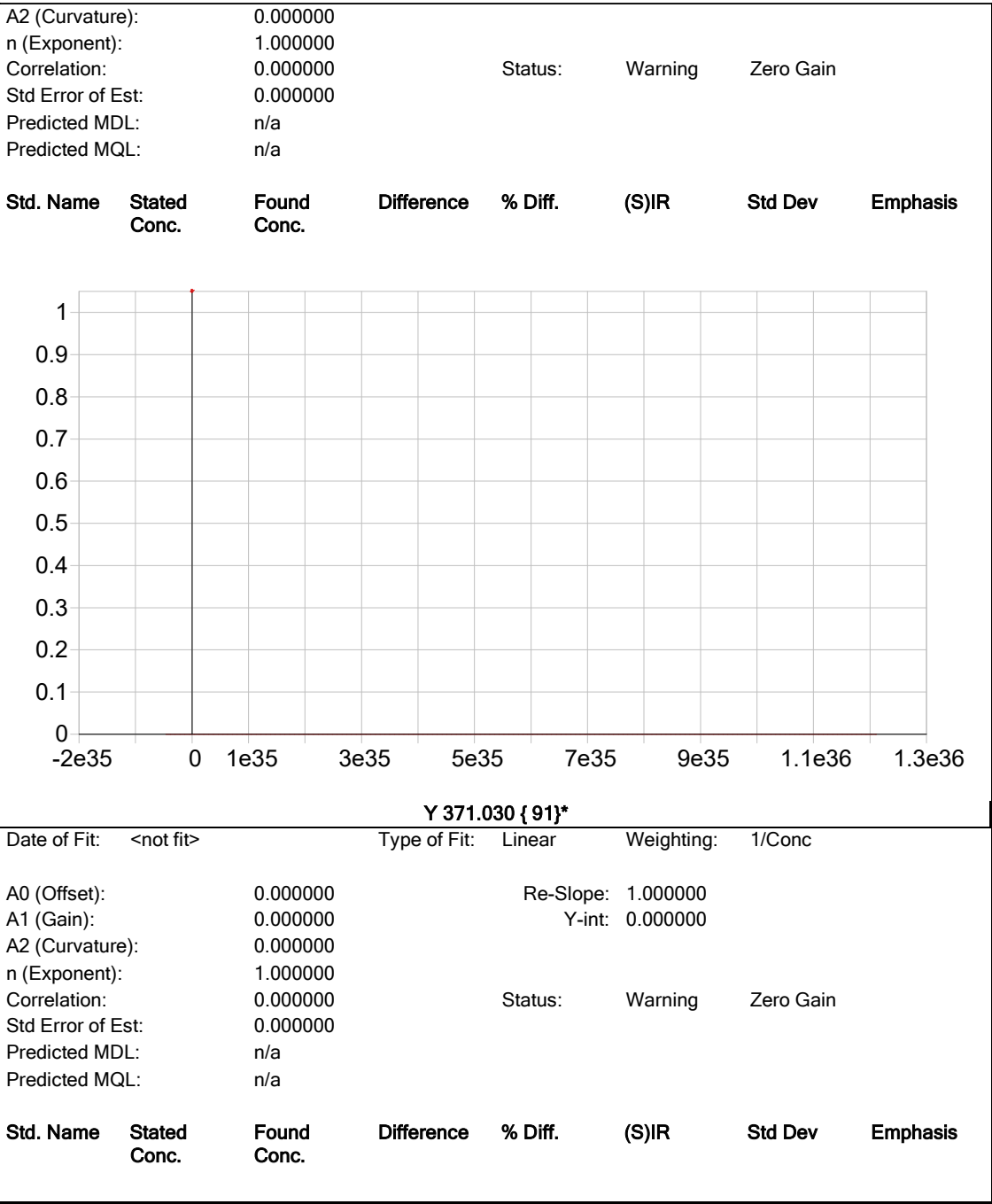


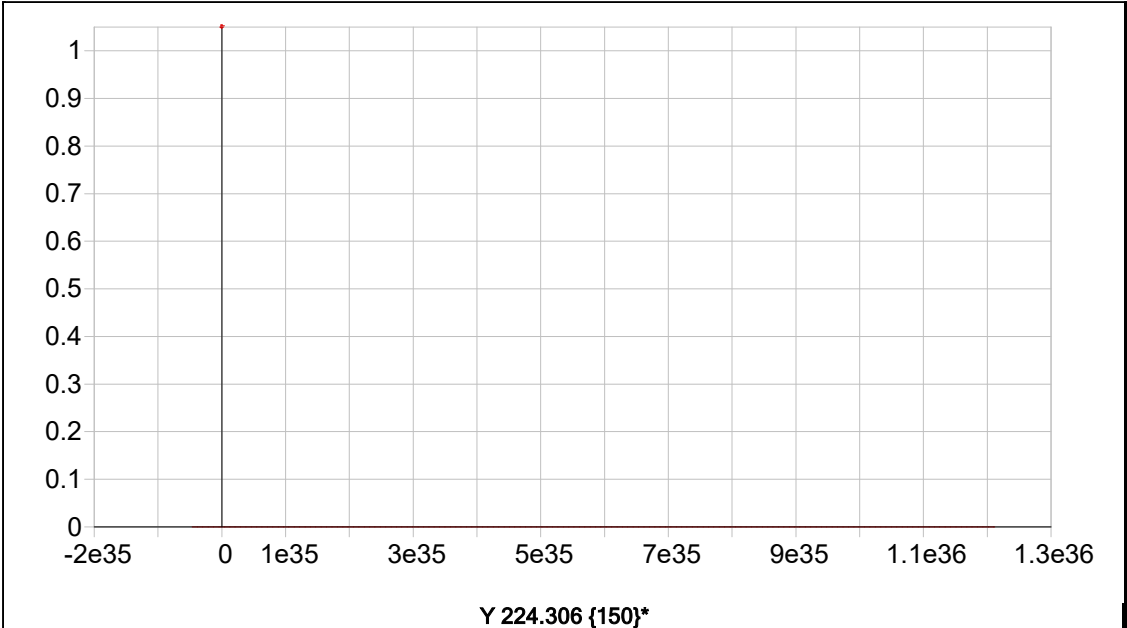


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
Y 360.073 { 94}*							

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		

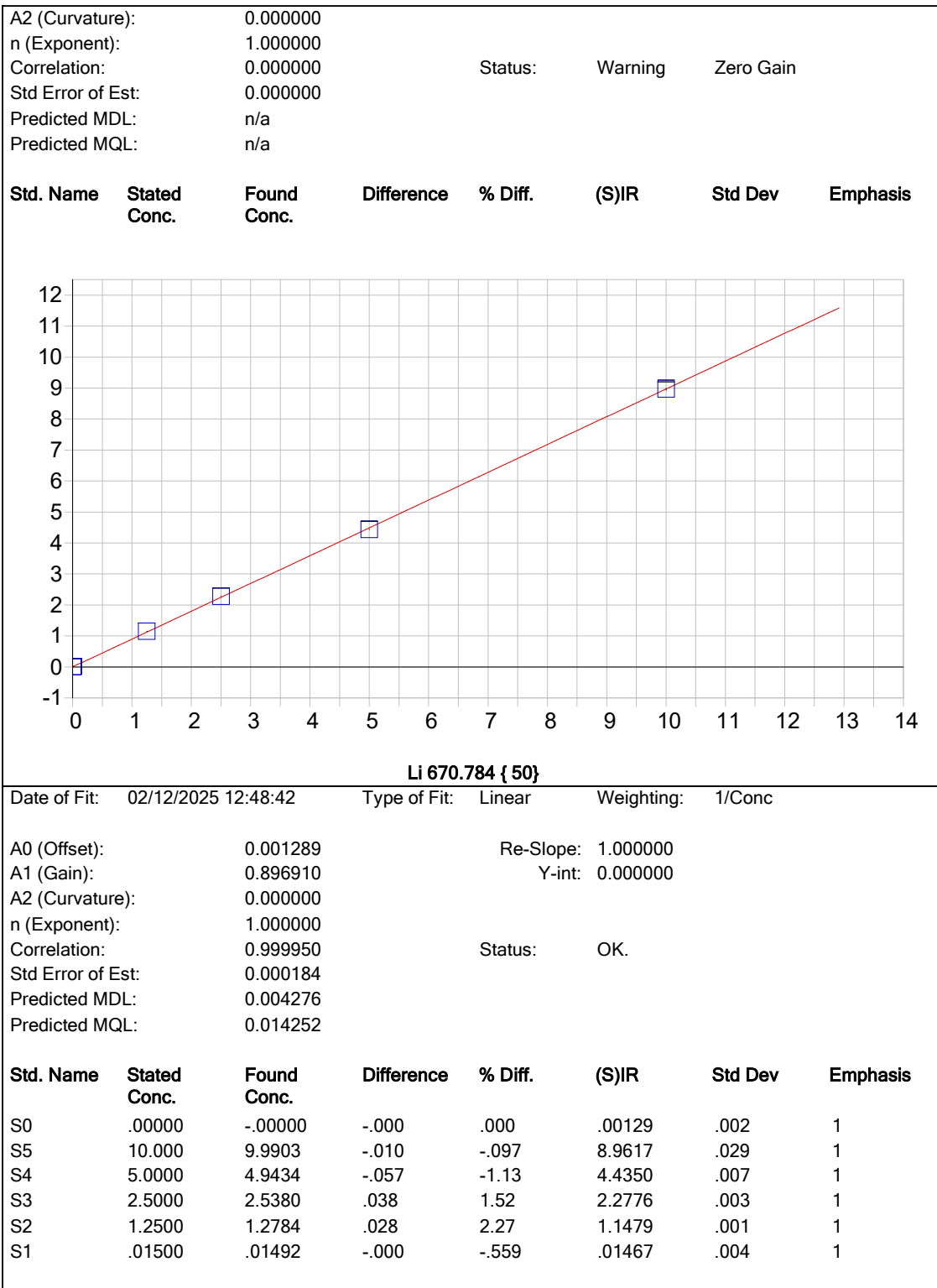




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		



Sample Name: S0 Acquired: 02/12/2025 12:25:13 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	.18500	-.00006	.00034	-.00009	.00023	-.00354	.19087	.00303
Stddev	.55450	.00008	.00011	.00006	.00019	.00109	.00128	.00128
%RSD	299.72	144.59	31.103	64.170	82.572	30.674	.67010	42.118
#1	.77585	.00001	.00040	-.00005	.00038	-.00416	.19235	.00156
#2	.10321	-.00003	.00041	-.00006	.00002	-.00417	.19018	.00380
#3	-.32406	-.00015	.00022	-.00015	.00029	-.00229	.19009	.00373
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	.00025	.00291	.00012	.00015	.00282	-.00050	-.00030	-.00048
Stddev	.00005	.00023	.00018	.00012	.00107	.00067	.00041	.00007
%RSD	22.187	7.7734	154.30	83.705	37.900	132.58	135.19	13.550
#1	.00019	.00305	.00033	.00001	.00374	.00019	.00001	-.00055
#2	.00029	.00304	-.00002	.00023	.00309	-.00114	-.00077	-.00042
#3	.00026	.00265	.00005	.00020	.00165	-.00055	-.00015	-.00048
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	-.00016	.00068	-.00137	.00057	-.00042	.22045	-.00222	.00158
Stddev	.00047	.00023	.00240	.00131	.00026	.00117	.00018	.00208
%RSD	293.23	33.430	174.83	229.25	62.036	.53013	8.1596	131.28
#1	-.00034	.00046	-.00384	-.00019	-.00015	.22119	-.00202	.00208
#2	.00037	.00091	-.00126	-.00018	-.00067	.21910	-.00225	.00336
#3	-.00052	.00066	.00097	.00208	-.00046	.22106	-.00238	-.00070
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	.00025	.00030	.01185	.00158	.00082	-.00189	.00129	
Stddev	.00008	.00013	.00129	.00010	.00104	.00114	.00182	
%RSD	32.464	44.290	10.879	6.5024	126.39	60.090	141.28	
#1	.00030	.00025	.01122	.00158	.00134	-.00207	.00322	
#2	.00029	.00020	.01333	.00168	-.00037	-.00293	.00106	
#3	.00015	.00045	.01100	.00148	.00150	-.00068	-.00040	

Sample Name: S0 Acquired: 02/12/2025 12:25:13 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	4357.3	37929.	4303.7	3058.9	5230.4
Stddev	2.4	80.	22.6	11.4	11.0
%RSD	.05561	.21017	.52509	.37114	.20980
#1	4356.5	37852.	4320.9	3046.0	5218.3
#2	4355.4	38011.	4312.0	3063.1	5233.3
#3	4360.0	37924.	4278.1	3067.5	5239.7

Sample Name: S1 Acquired: 02/12/2025 12:29:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	2.9403	.00310	.00210	.00216	.00697	.01745	.83760	.04177
Stddev	.3249	.00021	.00038	.00018	.00006	.00118	.00682	.00060
%RSD	11.050	6.7990	18.226	8.3720	.81447	6.7863	.81448	1.4346
#1	2.6765	.00325	.00247	.00222	.00698	.01690	.83601	.04212
#2	3.3032	.00286	.00211	.00230	.00690	.01881	.83171	.04211
#3	2.8412	.00320	.00171	.00195	.00701	.01665	.84507	.04108
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	.01734	.33651	.00293	.03923	.00689	.00239	.01019	.09201
Stddev	.00012	.00071	.00009	.00035	.00006	.00025	.00074	.00040
%RSD	.67907	.21135	3.0675	.89904	.84051	10.511	7.2930	.43745
#1	.01723	.33649	.00288	.03946	.00693	.00242	.01098	.09155
#2	.01747	.33580	.00303	.03940	.00683	.00213	.00951	.09221
#3	.01731	.33722	.00286	.03882	.00693	.00263	.01008	.09228
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	.02633	.00316	.03560	.01056	.00900	.31779	-.00166	.00084
Stddev	.00011	.00025	.00386	.00095	.00034	.00245	.00010	.00094
%RSD	.42510	7.8566	10.848	8.9848	3.7792	.77026	6.2360	110.96
#1	.02625	.00343	.03212	.00950	.00886	.31515	-.00175	.00153
#2	.02629	.00308	.03491	.01131	.00939	.31998	-.00155	.00123
#3	.02646	.00295	.03975	.01088	.00875	.31825	-.00169	-.00022
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	.00600	.00379	.43696	.00289	.04750	.99852	.01467	
Stddev	.00009	.00002	.00006	.00010	.00044	.00342	.00413	
%RSD	1.4427	.62017	.01313	3.3591	.91725	.34238	28.178	
#1	.00598	.00378	.43697	.00295	.04705	.99534	.01943	
#2	.00609	.00377	.43689	.00278	.04792	.99808	.01255	
#3	.00592	.00382	.43701	.00293	.04752	1.0021	.01202	

Sample Name: S1 Acquired: 02/12/2025 12:29:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	4320.8	37886.	4326.0	3024.6	4975.6
Stddev	5.9	156.	20.6	12.9	12.3
%RSD	.13698	.41295	.47708	.42690	.24639
#1	4315.5	37757.	4317.9	3039.1	4962.4
#2	4319.7	38060.	4349.5	3014.3	4986.6
#3	4327.1	37841.	4310.7	3020.3	4977.7

Sample Name: S2 Acquired: 02/12/2025 12:33:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	335.15	.15636	1.4508	.07958	.14914	3.2613	7.9560	.93151
Stddev	.26	.00071	.0033	.00034	.00030	.0196	.0078	.01143
%RSD	.07883	.45475	.23046	.42162	.20298	.60198	.09858	1.2275

#1	335.41	.15581	1.4472	.07926	.14879	3.2744	7.9623	.93781
#2	335.15	.15610	1.4517	.07956	.14934	3.2387	7.9472	.91831
#3	334.88	.15716	1.4537	.07993	.14929	3.2708	7.9585	.93842

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	2.2477	4.0704	1.0989	.48526	.67571	1.0586	2.4820	1.1446
Stddev	.0034	.0081	.0050	.00041	.00238	.0062	.0121	.0087
%RSD	.14892	.19971	.45367	.08407	.35239	.58442	.48669	.76116

#1	2.2438	4.0705	1.0959	.48479	.67811	1.0603	2.4880	1.1498
#2	2.2498	4.0622	1.1047	.48546	.67334	1.0517	2.4680	1.1345
#3	2.2494	4.0784	1.0962	.48553	.67567	1.0637	2.4898	1.1495

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	.42949	.07749	.27722	.11679	.55674	.92059	.07357	1.0961
Stddev	.00055	.00067	.00401	.00028	.00308	.00545	.00038	.0112
%RSD	.12723	.85941	1.4458	.24056	.55316	.59230	.51436	1.0214

#1	.42907	.07672	.27337	.11658	.55434	.92303	.07314	1.1047
#2	.43011	.07793	.28137	.11668	.56021	.91435	.07374	1.0834
#3	.42930	.07781	.27693	.11711	.55568	.92441	.07383	1.1002

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	.63444	.05145	1.1441	.21457	.58458	12.158	1.1479	
Stddev	.00133	.00029	.0126	.00059	.00340	.051	.0012	
%RSD	.20912	.55421	1.0999	.27579	.58123	.41877	.10435	

#1	.63292	.05122	1.1551	.21409	.58732	12.185	1.1468	
#2	.63539	.05138	1.1304	.21438	.58078	12.099	1.1478	
#3	.63501	.05177	1.1468	.21523	.58565	12.190	1.1492	

Sample Name: S2 Acquired: 02/12/2025 12:33:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	4160.6	35865.	4263.5	2890.3	4386.4
Stddev	9.7	322.	25.8	18.8	10.8
%RSD	.23219	.89835	.60492	.65104	.24668
#1	4170.4	35930.	4235.2	2890.8	4398.2
#2	4151.1	35515.	4285.7	2871.2	4377.0
#3	4160.3	36149.	4269.5	2908.9	4384.0

Sample Name: S3 Acquired: 02/12/2025 12:37:03 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	660.82	.31154	2.9788	.16229	.30412	6.5690	15.954	1.8312
Stddev	1.08	.00010	.0036	.00034	.00016	.0203	.049	.0095
%RSD	.16377	.03247	.12108	.20893	.05217	.30869	.30417	.51735
#1	659.70	.31154	2.9826	.16232	.30397	6.5924	16.003	1.8376
#2	660.91	.31165	2.9754	.16261	.30429	6.5561	15.906	1.8203
#3	661.85	.31144	2.9785	.16193	.30411	6.5586	15.953	1.8355
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	4.6267	8.1440	2.1862	.97878	1.3600	2.1230	4.9530	2.2840
Stddev	.0028	.0233	.0031	.00133	.0053	.0042	.0145	.0048
%RSD	.05958	.28668	.13975	.13626	.39078	.19939	.29236	.20981
#1	4.6299	8.1497	2.1828	.98025	1.3607	2.1272	4.9689	2.2889
#2	4.6249	8.1183	2.1885	.97764	1.3543	2.1188	4.9493	2.2793
#3	4.6254	8.1639	2.1874	.97846	1.3649	2.1230	4.9407	2.2840
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	.87818	.15488	.55895	.23856	1.1540	1.6224	.15661	2.1265
Stddev	.00111	.00075	.00328	.00246	.0035	.0018	.00025	.0076
%RSD	.12690	.48523	.58670	1.0301	.30527	.10863	.15988	.35792
#1	.87946	.15404	.55927	.24128	1.1557	1.6239	.15678	2.1333
#2	.87744	.15511	.55552	.23788	1.1563	1.6228	.15671	2.1183
#3	.87763	.15549	.56206	.23650	1.1499	1.6205	.15632	2.1279
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	1.2802	.10776	2.2056	.43675	1.1865	24.527	2.2776	
Stddev	.0017	.00012	.0080	.00042	.0018	.069	.0029	
%RSD	.13084	.11214	.36028	.09632	.15236	.28114	.12545	
#1	1.2821	.10790	2.2064	.43640	1.1885	24.606	2.2793	
#2	1.2791	.10770	2.1973	.43722	1.1859	24.477	2.2743	
#3	1.2794	.10768	2.2131	.43665	1.1850	24.499	2.2792	

Sample Name: S3 Acquired: 02/12/2025 12:37:03 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	4007.5	34889.	4258.6	2784.6	4122.8
Stddev	8.6	73.	12.5	7.4	8.6
%RSD	.21500	.20911	.29379	.26679	.20964
#1	3997.6	34868.	4244.9	2779.2	4113.0
#2	4013.3	34829.	4269.3	2781.6	4129.2
#3	4011.6	34971.	4261.7	2793.1	4126.4

Sample Name: S4 Acquired: 02/12/2025 12:40:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	1273.2	.59579	5.8831	.32189	.60417	12.920	31.183	3.5510
Stddev	4.3	.00059	.0081	.00093	.00144	.122	.033	.0145
%RSD	.33396	.09949	.13833	.28791	.23897	.94493	.10527	.40956
#1	1268.5	.59540	5.8757	.32215	.60412	12.867	31.180	3.5673
#2	1276.8	.59550	5.8817	.32086	.60275	13.059	31.217	3.5466
#3	1274.2	.59647	5.8918	.32266	.60564	12.833	31.152	3.5392

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	9.1504	15.726	4.2581	1.9109	2.6462	4.0737	9.5387	4.3839
Stddev	.0158	.048	.0106	.0025	.0038	.0344	.0595	.0290
%RSD	.17229	.30289	.24983	.12946	.14474	.84449	.62321	.66257
#1	9.1334	15.729	4.2473	1.9087	2.6420	4.0632	9.5219	4.3664
#2	9.1534	15.772	4.2585	1.9105	2.6471	4.1121	9.6048	4.4175
#3	9.1645	15.677	4.2686	1.9136	2.6495	4.0458	9.4895	4.3679

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	1.7237	.30692	1.0938	.46119	2.2795	2.9475	.31827	4.0176
Stddev	.0022	.00035	.0033	.00451	.0181	.0209	.00029	.0281
%RSD	.12490	.11367	.30127	.97720	.79217	.70850	.09139	.70054
#1	1.7216	.30676	1.0913	.45872	2.2599	2.9364	.31807	4.0485
#2	1.7236	.30668	1.0975	.46639	2.2956	2.9716	.31813	4.0109
#3	1.7259	.30732	1.0925	.45846	2.2829	2.9346	.31860	3.9934

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	2.5091	.21946	4.1889	.85641	2.3015	47.749	4.4350	
Stddev	.0039	.00047	.0290	.00121	.0160	.418	.0067	
%RSD	.15366	.21505	.69244	.14183	.69722	.87465	.15009	
#1	2.5101	.21893	4.2197	.85501	2.2999	47.305	4.4274	
#2	2.5048	.21983	4.1850	.85714	2.3183	48.133	4.4393	
#3	2.5123	.21961	4.1621	.85709	2.2863	47.809	4.4384	

Sample Name: S4 Acquired: 02/12/2025 12:40:47 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	3859.7	33702.	4206.7	2676.8	3912.6
Stddev	10.0	141.	15.0	5.6	4.4
%RSD	.25941	.41921	.35764	.20914	.11201
#1	3849.0	33865.	4195.2	2682.3	3907.6
#2	3868.8	33620.	4201.2	2671.1	3915.7
#3	3861.3	33620.	4223.7	2676.8	3914.5

Sample Name: S5 Acquired: 02/12/2025 12:44:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	2410.0	1.1632	11.731	.66176	1.2514	25.747	61.970	7.0278
Stddev	6.0	.0013	.011	.00092	.0030	.098	.291	.0223
%RSD	.24971	.10859	.09019	.13890	.23752	.37965	.46926	.31741
#1	2414.6	1.1632	11.725	.66070	1.2492	25.644	61.897	7.0067
#2	2403.2	1.1620	11.743	.66232	1.2504	25.758	62.290	7.0253
#3	2412.1	1.1645	11.725	.66226	1.2548	25.839	61.722	7.0512

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	18.257	30.944	8.3917	3.8150	5.2810	7.9270	18.597	8.5470
Stddev	.014	.083	.0486	.0022	.0069	.0291	.063	.0438
%RSD	.07703	.26967	.57908	.05835	.12978	.36753	.33828	.51283
#1	18.267	30.883	8.3367	3.8160	5.2734	7.8964	18.538	8.5097
#2	18.262	30.909	8.4092	3.8124	5.2829	7.9302	18.590	8.5359
#3	18.241	31.039	8.4290	3.8165	5.2866	7.9544	18.663	8.5953

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	3.4510	.63490	2.1777	.89888	4.6530	5.6231	.65178	7.5690
Stddev	.0006	.00086	.0089	.00350	.0045	.0268	.00072	.0170
%RSD	.01863	.13468	.41020	.38978	.09680	.47608	.11072	.22449
#1	3.4516	.63588	2.1676	.89567	4.6487	5.5958	.65261	7.5587
#2	3.4510	.63446	2.1845	.89834	4.6577	5.6243	.65130	7.5596
#3	3.4503	.63434	2.1812	.90262	4.6525	5.6493	.65143	7.5886

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	5.1223	.44759	7.9924	1.6977	4.5353	94.808	8.9617	
Stddev	.0097	.00057	.0255	.0024	.0103	.866	.0291	
%RSD	.18891	.12654	.31942	.13988	.22638	.91318	.32496	
#1	5.1113	.44801	7.9712	1.6986	4.5276	93.811	8.9339	
#2	5.1261	.44695	7.9851	1.6996	4.5313	95.249	8.9592	
#3	5.1295	.44783	8.0207	1.6950	4.5470	95.365	8.9920	

Sample Name: S5 Acquired: 02/12/2025 12:44:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	3518.4	31584.	4108.9	2462.1	3586.7
Stddev	12.7	66.	21.1	8.7	10.6
%RSD	.35958	.20809	.51448	.35318	.29595
#1	3531.7	31659.	4129.9	2471.5	3595.7
#2	3506.4	31554.	4109.1	2454.4	3575.0
#3	3517.2	31538.	4087.6	2460.3	3589.5

Sample Name: S6 Acquired: 02/12/2025 12:48:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) 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	68.304	49.744	21.076	13.911	6.0090
Stddev	.534	.281	.067	.058	.0291
%RSD	.78214	.56444	.31656	.41707	.48403
#1	67.781	49.523	21.024	13.860	5.9898
#2	68.282	49.648	21.052	13.900	5.9946
#3	68.849	50.060	21.151	13.974	6.0424
Int. Std.	Y_3710				
Units	Cts/S				
Avg	3991.9				
Stddev	16.1				
%RSD	.40440				
#1	4003.1				
#2	3999.1				
#3	3973.4				

Sample Name: ICV005 Acquired: 02/12/2025 13:20:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068983	1.060684	.9638056	.9927625	.9557956	2.519613
Stddev	.003338	.002353	.0034398	.0030474	.0038800	.014450
%RSD	.3123013	.2218451	.3568989	.3069628	.4059460	.5735049

#1	1.072038	1.058644	.9601099	.9954954	.9533992	2.503644
#2	1.069492	1.060148	.9669139	.9894764	.9537154	2.531787
#3	1.065419	1.063258	.9643932	.9933157	.9602721	2.523408

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5212881	.5268021	.4713048	10.35835	.5407012	.4897838
Stddev	.0003950	.0042800	.0004474	.02892	.0004235	.0013123
%RSD	.0757835	.8124436	.0949303	.2792354	.0783141	.2679302

#1	.5215276	.5309153	.4712313	10.33752	.5403141	.4903330
#2	.5215045	.5223729	.4708987	10.34616	.5411534	.4882861
#3	.5208321	.5271180	.4717844	10.39138	.5406361	.4907322

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187974	10.44575	.5339791	6.084693	.4902381	.2397818
Stddev	.0087686	.03987	.0012813	.033811	.0011249	.0006853
%RSD	1.690168	.3817261	.2399514	.5556764	.2294642	.2858000

#1	.5277851	10.46558	.5325047	6.122603	.4899815	.2398305
#2	.5102658	10.47183	.5348230	6.057657	.4892637	.2390735
#3	.5183412	10.39985	.5346096	6.073820	.4914692	.2404415

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.890092	.5192119	1.042654	10.19748	F .0021881	F .0036425
Stddev	.036054	.0020794	.011456	.08299	.0012899	.0020069
%RSD	.3645464	.4004865	1.098743	.8138035	58.95053	55.09607

#1	9.851588	.5176856	1.029782	10.10171	.0013904	.0034677
#2	9.923054	.5215802	1.051731	10.24829	.0036763	.0017287
#3	9.895635	.5183699	1.046450	10.24242	.0014977	.0057310

Sample Name: ICV005 Acquired: 02/12/2025 13:20:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0004661	F .0035714	F .0037453	F .0006248	F -.000508	F -.009379
Stddev	.0002214	.0033509	.0013591	.0006293	.003026	.000274
%RSD	47.49074	93.82461	36.28715	100.7214	596.1216	2.925744
#1	.0005895	.0021599	.0041920	.0005420	-.000910	-.009602
#2	.0005983	.0011572	.0022191	.0000410	.002700	-.009072
#3	.0002106	.0073971	.0048248	.0012913	-.003313	-.009462

Elem	Li6707
Units	ppm
Avg	F -.004021
Stddev	.003517
%RSD	87.45700
#1	-.002412
#2	-.008054
#3	-.001596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4322.395	37726.39	4314.281	3031.942	4868.340
Stddev	7.860	142.90	19.137	17.827	9.667
%RSD	.1818535	.3787918	.4435768	.5879595	.1985739
#1	4327.334	37891.24	4313.002	3052.508	4875.719
#2	4326.521	37650.37	4334.025	3020.907	4871.903
#3	4313.331	37637.58	4295.815	3022.411	4857.396

Sample Name: ICB005 Acquired: 02/12/2025 13:24:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001827	.0009334	-.000803	.0039378	.0013196	.0182293	.0016771
Stddev	.001375	.0002065	.001823	.0021182	.0008230	.0104851	.0002772
%RSD	75.26668	22.11916	226.9235	53.79129	62.37193	57.51783	16.52789

#1	-.002880	.0008488	-.002418	.0027123	.0022406	.0132178	.0016501
#2	-.000271	.0007826	.001173	.0063837	.0010621	.0111904	.0014144
#3	-.002328	.0011687	-.001165	.0027174	.0006561	.0302798	.0019668

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0000083	.0044020	-.000468	-.000104	-.002607	.0268073
Stddev	.000108	.0000369	.0233600	.000564	.000112	.004029	.0213177
%RSD	219.8347	443.1617	530.6667	120.5588	108.3597	154.5416	79.52211

#1	-.000032	.0000051	.0299401	-.000349	.000026	-.001781	.0398099
#2	-.000165	-.000027	-.015886	-.001083	-.000159	.000945	.0022050
#3	.000049	.000047	-.000848	.000027	-.000177	-.006986	.0384069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000059	.0049858	.0002506	.0009355	-.115318	-.006742	.0004265
Stddev	.0005306	.0457077	.0000445	.0004966	.263449	.005149	.0023101
%RSD	9031.069	916.7514	17.75929	53.08595	228.4549	76.36940	541.6067

#1	-.000363	-.047267	.0002372	.0007180	-.302971	-.010999	.0023556
#2	.000614	.024676	.0002142	.0005847	-.228843	-.008207	.0010575
#3	-.000234	.037549	.0003002	.0015037	.185861	-.001019	-.002134

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3384827	.0010635	.0005123	.0005191	-.004799	-.000011	-.000413
Stddev	.2422273	.0018849	.0004158	.0006341	.001813	.001528	.000494
%RSD	71.56268	177.2296	81.17146	122.1511	37.78093	14465.81	119.7699

#1	.0971813	.0032397	.0008695	.0003423	-.004795	-.000469	-.000810
#2	.5816254	.0000080	.0000558	.0012228	-.006614	.001694	-.000568
#3	.3366414	-.000057	.0006114	-.000008	-.002988	-.001258	.000141

Sample Name: ICB005 Acquired: 02/12/2025 13:24:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0000451	-.000071	.0013711
Stddev	.0016923	.000073	.0037303
%RSD	3753.253	103.1044	272.0670
#1	-.001886	-.000008	.0004273
#2	.000750	-.000152	-.001797
#3	.001271	-.000053	.005483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4371.891	38343.29	4248.852	3038.168	5229.941
Stddev	4.964	131.75	37.831	9.272	2.727
%RSD	.1135458	.3436194	.8903851	.3051904	.0521502
#1	4369.627	38193.74	4292.438	3028.231	5228.267
#2	4368.462	38393.86	4229.589	3039.685	5228.468
#3	4377.583	38442.26	4224.529	3046.588	5233.088

Sample Name: ICSA005 Acquired: 02/12/2025 13:28:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004561	-.001315	-.002309	-.022891	.0164846	245.6480
Stddev	.002789	.000714	.003986	.001897	.0057092	1.4052
%RSD	61.15130	54.28777	172.6752	8.287731	34.63362	.5720233

#1	-.003799	-.000638	-.002155	-.020848	.0146853	244.5194
#2	-.007653	-.001247	-.006370	-.023228	.0228768	245.2028
#3	-.002233	-.002061	.001599	-.024597	.0118918	247.2218

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079028	.0030132	.0026586	252.6226	.0534214	.0311239
Stddev	.0002792	.0001590	.0001131	1.1019	.0008533	.0004864
%RSD	3.533597	5.275491	4.252852	.4361686	1.597349	1.562855

#1	.0079121	.0028300	.0026366	251.6619	.0526308	.0310802
#2	.0076190	.0031144	.0025582	252.3806	.0533074	.0306607
#3	.0081772	.0030952	.0027811	253.8254	.0543260	.0316306

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016468	104.9522	.0085785	254.4094	.0082435	.0004118
Stddev	.002997	.4725	.0004135	1.5475	.0004501	.0007974
%RSD	18.20172	.4501595	4.820510	.6082624	5.459442	193.6315

#1	-.018109	104.6265	.0084861	253.1892	.0077355	.0012900
#2	-.018286	104.7361	.0090304	253.8891	.0084027	.0002120
#3	-.013008	105.4941	.0082190	256.1500	.0085923	-.000267

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648614	-.000784	-.031385	-1.21287	.0040845	F .0295937
Stddev	.5673432	.003375	.001925	.24205	.0010925	.0010150
%RSD	874.7003	430.3472	6.133171	19.95683	26.74768	3.429646

#1	.5296897	-.002009	-.032106	-1.45830	.0029117	.0284219
#2	-.567339	.003032	-.029203	-1.20598	.0042684	.0301603
#3	.232234	-.003376	-.032844	-.97434	.0050733	.0301988

Sample Name: ICSA005 Acquired: 02/12/2025 13:28:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024310	.0258217	-.006480	F .0095860	-.000041	.0019168
Stddev	.0005683	.0049800	.001446	.0004832	.001210	.0003918
%RSD	23.37738	19.28593	22.31416	5.040696	2987.256	20.44116
#1	.0023668	.0285033	-.006015	.0098702	.001034	.0014793
#2	.0018976	.0200756	-.008102	.0090281	-.001352	.0022354
#3	.0030287	.0288862	-.005324	.0098597	.000196	.0020357

Elem	Li6707
Units	ppm
Avg	.0087508
Stddev	.0046237
%RSD	52.83718
#1	.0128714
#2	.0037504
#3	.0096308

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4002.166	34069.07	4192.752	2811.669	4105.816
Stddev	8.975	45.28	16.840	13.386	8.611
%RSD	.2242530	.1329133	.4016429	.4760931	.2097182
#1	3994.264	34080.77	4182.948	2798.052	4096.587
#2	4000.309	34107.35	4212.197	2812.143	4107.228
#3	4011.923	34019.08	4183.111	2824.811	4113.633

Sample Name: ICSAB005 Acquired: 02/12/2025 13:32:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016581	.1020508	.0463316	.0253532	.5994175	245.7738
Stddev	.0019109	.0012945	.0017256	.0030769	.0009839	.2781
%RSD	1.879728	1.268482	3.724394	12.13615	.1641397	.1131687

#1	.1037296	.1032415	.0444645	.0288249	.5983575	245.8099
#2	.1012808	.1006729	.0478678	.0229636	.5995932	246.0322
#3	.0999641	.1022381	.0466623	.0242710	.6003016	245.4794

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5436094	.5384322	1.022328	254.8505	.6086994	.5384797
Stddev	.0019839	.0019276	.001611	.4420	.0023336	.0007388
%RSD	.3649491	.3579975	.1575897	.1734420	.3833678	.1372073

#1	.5449616	.5406447	1.024127	255.3478	.6075049	.5390882
#2	.5413319	.5375361	1.021839	254.7016	.6072048	.5386934
#3	.5445346	.5371159	1.021018	254.5022	.6113884	.5376576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5080746	105.1798	.5409386	255.1530	1.028010	.2129734
Stddev	.0029175	.1375	.0024537	.6157	.002715	.0013633
%RSD	.5742274	.1307440	.4535956	.2413034	.2640727	.6401229

#1	.5113589	105.2485	.5435872	255.7267	1.031067	.2114043
#2	.5070820	105.0214	.5387430	255.2298	1.027086	.2138680
#3	.5057830	105.2694	.5404856	254.5025	1.025879	.2136478

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.160266	.5227678	.9690009	-2.59420	F .0101351	F .0306165
Stddev	.514189	.0051494	.0088612	.11020	.0034757	.0005875
%RSD	320.8343	.9850204	.9144694	4.248025	34.29365	1.918813

#1	-.739919	.5286042	.9640246	-2.54944	.0077272	.0312626
#2	.018240	.5208334	.9637465	-2.51341	.0141197	.0304726
#3	.240881	.5188657	.9792317	-2.71973	.0085585	.0301145

Sample Name: ICSAB005 Acquired: 02/12/2025 13:32:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028360	.0261924	-.005231	F .0077208	-.000767	.0023838
Stddev	.0004198	.0072064	.000908	.0014350	.001767	.0002816
%RSD	14.80273	27.51327	17.35116	18.58655	230.2735	11.81233
#1	.0026281	.0188570	-.005108	.0093181	-.001531	.0026275
#2	.0033192	.0264576	-.004391	.0065401	-.002024	.0024482
#3	.0025608	.0332624	-.006194	.0073044	.001253	.0020755

Elem	Li6707
Units	ppm
Avg	.0080281
Stddev	.0069298
%RSD	86.31970
#1	.0110674
#2	.0129188
#3	.0000979

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3986.330	33649.51	4167.040	2793.817	4094.206
Stddev	6.711	95.02	25.543	17.613	2.945
%RSD	.1683599	.2823781	.6129804	.6304364	.0719330
#1	3986.892	33748.48	4138.778	2773.518	4094.085
#2	3992.743	33641.02	4173.864	2805.055	4097.209
#3	3979.355	33559.02	4188.479	2802.879	4091.323

Sample Name: CCV011 Acquired: 02/12/2025 13:36:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.738093	4.768842	24.36925	4.803961	4.921437	391.8105	10.04492
Stddev	.018285	.009413	.01332	.001333	.000990	1.5428	.04155
%RSD	.3859203	.1973950	.0546713	.0277406	.0201182	.3937559	.4135947

#1	4.750745	4.759732	24.37104	4.805018	4.921497	391.6825	10.03357
#2	4.746407	4.778532	24.35513	4.802464	4.920419	390.3358	10.01023
#3	4.717129	4.768262	24.38159	4.804400	4.922396	393.4133	10.09096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4974895	2.461326	397.3900	15.59536	2.456205	14.76536	394.5813
Stddev	.0036119	.000825	1.5267	.05304	.000736	.06837	1.0319
%RSD	.7260241	.0335136	.3841729	.3401168	.0299630	.4630174	.2615057

#1	.5002235	2.460861	396.9486	15.64153	2.455509	14.77417	394.1443
#2	.4933949	2.462279	396.1326	15.53742	2.456975	14.69302	393.8398
#3	.4988501	2.460840	399.0887	15.60712	2.456130	14.82889	395.7597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47588	391.4919	2.456245	1.258468	391.9880	2.423090	14.63540
Stddev	.05140	1.4424	.002248	.003016	1.4010	.009661	.06733
%RSD	.3550445	.3684287	.0915125	.2396866	.3574061	.3987264	.4600744

#1	14.46521	390.9203	2.456285	1.260775	391.1744	2.414873	14.56102
#2	14.43066	390.4229	2.453977	1.255055	391.1839	2.420664	14.65297
#3	14.53177	393.1324	2.458472	1.259574	393.6057	2.433733	14.69221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.4186	4.921723	4.868148	4.847289	4.930644	4.674697	4.892557
Stddev	1.0185	.004486	.016717	.008756	.010451	.024871	.004154
%RSD	.6862384	.0911558	.3434000	.1806335	.2119531	.5320430	.0849068

#1	147.8257	4.924401	4.874817	4.840032	4.935065	4.688717	4.894959
#2	147.8353	4.916543	4.849125	4.857014	4.938158	4.645980	4.887761
#3	149.5946	4.924224	4.880501	4.844822	4.918710	4.689392	4.894953

Sample Name: CCV011 Acquired: 02/12/2025 13:36:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.886840	4.658102	5.026152
Stddev	.019278	.027677	.028763
%RSD	.3944856	.5941785	.5722646
#1	4.888295	4.662446	5.012526
#2	4.866877	4.628509	5.006735
#3	4.905350	4.683350	5.059196

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3619.733	31256.98	4062.464	2535.434	3632.972
Stddev	8.631	102.88	22.991	8.445	7.828
%RSD	.2384534	.3291486	.5659414	.3330698	.2154696
#1	3625.706	31196.90	4048.997	2542.275	3637.819
#2	3623.657	31375.78	4089.011	2538.032	3637.157
#3	3609.837	31198.26	4049.385	2525.996	3623.942

Sample Name: CCB011 Acquired: 02/12/2025 13:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003383	.0004607	-.001375	.0027289	.0002655	.0207165	-.001610
Stddev	.0026144	.0004387	.000657	.0011266	.0018144	.0249436	.001351
%RSD	772.7797	95.21689	47.75947	41.28542	683.2560	120.4041	83.95684

#1	.0033554	.0000656	-.001519	.0040098	.0022471	.0029689	-.000739
#2	-.001261	.0003838	-.001947	.0018918	-.000136	.0492359	-.003167
#3	-.001080	.0009327	-.000658	.0022849	-.001314	.0099448	-.000924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000295	.0000504	.0237342	.0000515	-.000073	-.005185	.0291035
Stddev	.000071	.0001217	.0216866	.0004210	.000354	.006162	.0089634
%RSD	23.93138	241.5846	91.37289	816.7714	483.2672	118.8388	30.79817

#1	-.000296	-.000088	.0296254	-.000250	-.000282	.001338	.0281821
#2	-.000224	.000096	-.000289	-.000128	-.000273	-.005986	.0384920
#3	-.000365	.000143	.041867	.000532	.000336	-.010908	.0206365

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002671	.0054489	.0001512	.0003419	-.077288	.0002665	-.000517
Stddev	.0003714	.0295388	.0004247	.0006273	.489283	.0039433	.002396
%RSD	139.0733	542.1026	280.8636	183.4525	633.0654	1479.762	463.2010

#1	.0006709	.0225743	.0001137	-.000366	-.122140	-.002313	.002229
#2	.0001901	.0224320	.0005934	.000827	-.542600	-.001693	-.002178
#3	-.000060	-.028659	-.000253	.000565	.432877	.004806	-.001603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4157597	.0021882	.0113737	.0005846	-.003443	-.000307	-.000472
Stddev	.1917042	.0001247	.0014242	.0004295	.003481	.000381	.000263
%RSD	46.10938	5.697485	12.52146	73.46467	101.1077	124.2125	55.76893

#1	.2702569	.0022677	.0124996	.0010801	-.001308	-.000106	-.000702
#2	.3440391	.0020445	.0097728	.0003542	-.007459	-.000068	-.000185
#3	.6329833	.0022524	.0118488	.0003195	-.001560	-.000747	-.000530

Sample Name: CCB011 Acquired: 02/12/2025 13:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0012298	.0000252	.0054563
Stddev	.0026062	.0002302	.0047431
%RSD	211.9128	914.0971	86.92879

#1	.0033895	.0002906	.0095629
#2	-.001665	-.000095	.0065414
#3	.001965	-.000121	.0002647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4303.392	37266.02	4200.150	3028.119	5168.943
Stddev	3.590	188.92	14.480	10.143	7.141
%RSD	.0834291	.5069470	.3447378	.3349530	.1381538

#1	4303.677	37063.78	4216.641	3019.570	5171.304
#2	4299.668	37296.33	4194.294	3039.326	5160.920
#3	4306.831	37437.95	4189.516	3025.461	5174.605

Sample Name: PB166660TB Acquired: 02/12/2025 13:44:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LEB660 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059323	-.001981	-.000798	.0051937	.0014567	.0118865
Stddev	.0008188	.001429	.001399	.0028789	.0021279	.0156789
%RSD	13.80184	72.12931	175.2557	55.43012	146.0726	131.9055

#1	.0066666	-.001172	.000682	.0084697	-.000164	.0135393
#2	.0050494	-.001140	-.002099	.0030676	.000668	-.004553
#3	.0060809	-.003632	-.000978	.0040437	.003866	.026674

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001808	-.000055	.0000187	.0149614	.0011431	.0000905
Stddev	.000740	.000110	.0000144	.0186957	.0005740	.0003335
%RSD	40.95046	201.1582	77.10270	124.9599	50.21810	368.5657

#1	-.001565	-.000104	.0000164	.0027014	.0017782	-.000199
#2	-.001219	.000071	.0000342	.0364796	.0009897	.000455
#3	-.002639	-.000131	.0000056	.0057031	.0006613	.000016

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003706	.0301447	.0020806	-.000757	.0039286	.0012422
Stddev	.003233	.0120443	.0003502	.010167	.0003029	.0010539
%RSD	87.25179	39.95475	16.83224	1342.644	7.709944	84.84409

#1	-.007008	.0184377	.0016812	-.007278	.0035896	.0008969
#2	-.000545	.0294964	.0023350	-.005952	.0041726	.0004042
#3	-.003564	.0425000	.0022256	.010958	.0040235	.0024254

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1393.828	-.004274	.0002517	F -10.3312	-.001229	.0024605
Stddev	5.325	.004986	.0021829	.1788	.002105	.0007609
%RSD	.3820284	116.6738	867.1238	1.730928	171.3225	30.92513

#1	1389.767	.000703	.0010837	-10.5331	.000939	.0024985
#2	1399.856	-.004255	.0018964	-10.2681	-.001361	.0032017
#3	1391.860	-.009269	-.002225	-10.1926	-.003265	.0016813

Sample Name: PB166660TB Acquired: 02/12/2025 13:44:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LEB660 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007162	.0209569	-.000449	-.007627	-.001226	-.000125
Stddev	.0001176	.0025104	.001006	.000416	.002494	.000011
%RSD	16.42632	11.97882	223.8793	5.454474	203.5190	8.445344
#1	.0007360	.0231499	.000712	-.007817	-.002103	-.000136
#2	.0008226	.0215023	-.001061	-.007913	-.003163	-.000115
#3	.0005899	.0182187	-.001000	-.007150	.001589	-.000124

Elem	Li6707
Units	ppm
Avg	-.002712
Stddev	.003084
%RSD	113.7122
#1	.000192
#2	-.002378
#3	-.005949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4153.246	34296.23	4593.410	2914.173	4151.624
Stddev	9.242	82.37	12.593	4.647	11.338
%RSD	.2225356	.2401717	.2741507	.1594626	.2731045
#1	4162.277	34222.24	4606.263	2916.300	4163.241
#2	4153.655	34281.46	4581.095	2917.375	4151.045
#3	4143.806	34384.98	4592.873	2908.843	4140.587

Sample Name: Q1292-01 Acquired: 02/12/2025 13:48:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002865	.0191060	-.005254	-.019067	-.013641	.0722671
Stddev	.001695	.0011916	.001059	.006452	.002040	.0137490
%RSD	59.16458	6.236611	20.16174	33.83603	14.95641	19.02523

#1	-.001152	.0185023	-.005754	-.011637	-.014484	.0876329
#2	-.004542	.0183372	-.005971	-.023246	-.015124	.0680418
#3	-.002900	.0204786	-.004037	-.022318	-.011314	.0611267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.114435	-.000110	.0035136	F 944.8809	.0024809	.0430995
Stddev	.000701	.000067	.0000746	8.1285	.0007949	.0003148
%RSD	.0331624	60.93096	2.124234	.8602668	32.04174	.7303272

#1	2.114392	-.000112	.0035784	940.4766	.0026217	.0429934
#2	2.115156	-.000176	.0034320	939.9050	.0016250	.0434537
#3	2.113756	-.000042	.0035305	954.2610	.0031960	.0428515

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007973	.0505834	1.987006	23.15945	.0271061	.0013977
Stddev	.001371	.0197176	.011348	.10000	.0008544	.0004162
%RSD	17.19463	38.98043	.5710863	.4317706	3.151999	29.77655

#1	-.007194	.0302497	1.983002	23.08288	.0279537	.0018590
#2	-.009556	.0696210	1.978204	23.12290	.0271194	.0010505
#3	-.007169	.0518795	1.999813	23.27258	.0262451	.0012836

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1463.482	.0004099	.3885339	F -4.15433	.0218746	.2267060
Stddev	3.928	.0055527	.0015543	.40272	.0022687	.0022243
%RSD	.2684186	1354.665	.4000338	9.694012	10.37133	.9811395

#1	1460.007	-.005841	.3888163	-4.59009	.0200530	.2242383
#2	1462.695	.002302	.3899277	-3.79586	.0211549	.2285565
#3	1467.744	.004769	.3868579	-4.07703	.0244158	.2273232

Sample Name: Q1292-01 Acquired: 02/12/2025 13:48:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020293	4.441607	4.210936	-.002446	-.013903	1.164558
Stddev	.0003047	.010193	.045677	.001353	.002231	.005072
%RSD	15.01406	.2294856	1.084713	55.32277	16.04600	.4355671
#1	.0021266	4.448030	4.161302	-.002491	-.013507	1.161918
#2	.0022735	4.429854	4.220301	-.003777	-.011897	1.161350
#3	.0016879	4.446937	4.251203	-.001071	-.016305	1.170406

Elem	Li6707
Units	ppm
Avg	.0308450
Stddev	.0037237
%RSD	12.07221
#1	.0334504
#2	.0325046
#3	.0265801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.076	32322.97	4355.392	2682.052	3762.024
Stddev	10.210	136.03	28.294	11.248	13.356
%RSD	.2644924	.4208609	.6496279	.4193917	.3550320
#1	3853.588	32168.01	4381.504	2669.410	3747.093
#2	3854.796	32422.71	4359.341	2690.953	3766.145
#3	3871.845	32378.20	4325.331	2685.793	3772.835

Sample Name: Q1292-02 Acquired: 02/12/2025 13:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004709	.0178504	-.006628	-.016896	-.015010	.0410791
Stddev	.001191	.0016449	.000527	.001574	.001764	.0055224
%RSD	25.28588	9.214752	7.947131	9.313513	11.75095	13.44327

#1	-.005960	.0185130	-.006220	-.015200	-.013260	.0464162
#2	-.004578	.0190607	-.006443	-.018308	-.016787	.0353884
#3	-.003589	.0159776	-.007223	-.017179	-.014981	.0414328

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.043405	-.000056	.0035114	F 903.7533	.0024670	.0419587
Stddev	.006676	.000243	.0000819	2.8869	.0001583	.0007504
%RSD	.3267057	437.2290	2.331704	.3194313	6.414579	1.788388

#1	2.035888	-.000272	.0034303	903.4141	.0025900	.0420324
#2	2.048642	.000207	.0035940	901.0511	.0022885	.0426694
#3	2.045686	-.000102	.0035098	906.7949	.0025225	.0411741

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003374	.0567956	1.909714	22.26709	.0262433	.0012713
Stddev	.005843	.0266690	.007303	.06863	.0003529	.0008308
%RSD	173.2006	46.95614	.3824208	.3082226	1.344639	65.34530

#1	-.009470	.0872488	1.902943	22.18899	.0266506	.0021922
#2	.002179	.0376083	1.908748	22.29451	.0260516	.0010437
#3	-.002831	.0455296	1.917453	22.31778	.0260278	.0005782

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1406.246	-.005489	.3740919	F -4.45901	.0213971	.2166149
Stddev	5.643	.004631	.0013592	.28106	.0004178	.0004915
%RSD	.4013064	84.36456	.3633435	6.303110	1.952538	.2269209

#1	1399.840	-.000431	.3726750	-4.77989	.0218756	.2171823
#2	1408.413	-.009520	.3753850	-4.34068	.0211049	.2163450
#3	1410.485	-.006515	.3742157	-4.25647	.0212107	.2163175

Sample Name: Q1292-02 Acquired: 02/12/2025 13:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024230	4.349325	4.058719	-.003946	-.014995	1.122677
Stddev	.0003908	.015408	.011398	.002017	.002084	.004674
%RSD	16.12777	.3542625	.2808209	51.12372	13.89817	.4163104
#1	.0028510	4.359353	4.071244	-.002560	-.017354	1.117794
#2	.0020851	4.331583	4.048957	-.006260	-.013405	1.123128
#3	.0023330	4.357037	4.055954	-.003018	-.014226	1.127109

Elem	Li6707
Units	ppm
Avg	.0317964
Stddev	.0046991
%RSD	14.77883
#1	.0317979
#2	.0364947
#3	.0270965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.761	33168.77	4532.950	2771.045	3857.337
Stddev	9.132	204.30	25.367	18.782	11.656
%RSD	.2306879	.6159407	.5596174	.6777800	.3021734
#1	3950.213	33303.23	4535.259	2780.107	3844.332
#2	3968.383	33269.40	4557.084	2783.577	3866.841
#3	3957.686	32933.67	4506.507	2749.450	3860.838

Sample Name: Q1292-01LX5 Acquired: 02/12/2025 13:56:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	.0128111	-.004583	-.012559	-.007403	.0210765	.4197837
Stddev	.000295	.0004101	.000568	.003357	.001270	.0171644	.0018465
%RSD	443.7776	3.201054	12.40211	26.73203	17.15195	81.43857	.4398712

#1	.000169	.0127380	-.003933	-.014893	-.005953	.0036769	.4218825
#2	.000029	.0124425	-.004986	-.008711	-.007942	.0379956	.4184089
#3	-.000398	.0132529	-.004831	-.014072	-.008314	.0215569	.4190596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000142	.0007561	190.8062	.0007830	.0288329	-.004158	.0229463
Stddev	.0000746	.0000429	.2833	.0007037	.0002967	.005357	.0101841
%RSD	526.8835	5.678762	.1484817	89.87573	1.029112	128.8362	44.38232

#1	-.000056	.0007179	191.1290	.0000147	.0290568	-.009365	.0342398
#2	.000007	.0008026	190.5986	.0009380	.0284963	.001338	.0201382
#3	.000092	.0007479	190.6911	.0013964	.0289455	-.004448	.0144609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3998183	4.764373	.0051889	.0019882	289.5974	-.006432	.0711921
Stddev	.0011051	.051704	.0004781	.0008014	1.2041	.002154	.0004937
%RSD	.2763954	1.085220	9.214397	40.30822	.4157904	33.49010	.6934931

#1	.3985434	4.798572	.0055985	.0012896	289.9777	-.005772	.0717618
#2	.4005022	4.789655	.0046635	.0018118	288.2491	-.004685	.0708879
#3	.4004093	4.704893	.0053046	.0028630	290.5655	-.008839	.0709267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.116341	.0073872	.0507509	.0025088	.8031428	.8937235	.0009565
Stddev	.276266	.0022326	.0010889	.0003565	.0029682	.0034363	.0009469
%RSD	24.74746	30.22186	2.145497	14.21098	.3695774	.3844983	98.99536

#1	1.140131	.0050694	.0496222	.0023592	.7999865	.8955797	.0004835
#2	.828949	.0075690	.0508357	.0022514	.8035637	.8897582	.0020467
#3	1.379943	.0095234	.0517950	.0029157	.8058780	.8958326	.0003393

Sample Name: Q1292-01LX5 Acquired: 02/12/2025 13:56:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002604	.2296351	.0273411
Stddev	.003675	.0003624	.0026599
%RSD	141.1465	.1578271	9.728700

#1	.001499	.2300044	.0243191
#2	-.003717	.2292799	.0283772
#3	-.005594	.2296212	.0293271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4086.430	34476.79	4303.471	2856.763	4199.102
Stddev	23.012	82.20	8.644	7.711	19.106
%RSD	.5631286	.2384323	.2008507	.2699236	.4549923

#1	4061.268	34531.25	4312.621	2862.202	4178.890
#2	4106.408	34382.23	4302.347	2847.939	4216.865
#3	4091.613	34516.88	4295.444	2860.149	4201.552

Sample Name: Q1292-03 Acquired: 02/12/2025 14:00:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0404346	.0632650	.0136883	.0917339	.0847349	1.960236
Stddev	.0029215	.0008149	.0016226	.0009952	.0034157	.013343
%RSD	7.225287	1.288012	11.85413	1.084913	4.031017	.6806678

#1	.0410747	.0626734	.0118477	.0928169	.0817441	1.955336
#2	.0372461	.0641945	.0143050	.0908596	.0840035	1.950036
#3	.0429831	.0629272	.0149122	.0915250	.0884570	1.975336

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.151378	.0485325	.0559611	F 1001.271	.2179120	.5499443
Stddev	.016889	.0002364	.0001681	6.318	.0005138	.0015507
%RSD	.4068206	.4870877	.3003778	.6309973	.2357772	.2819650

#1	4.170317	.0484262	.0561297	994.235	.2181973	.5505793
#2	4.145935	.0488033	.0557935	1006.459	.2173189	.5481769
#3	4.137881	.0483679	.0559601	1003.119	.2182198	.5510766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2508765	1.007452	2.035369	22.02236	.5413476	.0398387
Stddev	.0018632	.014154	.003473	.03160	.0010086	.0002060
%RSD	.7426728	1.404958	.1706563	.1435097	.1863110	.5170839

#1	.2488711	1.008900	2.035558	21.98901	.5418891	.0396903
#2	.2512043	.992630	2.031805	22.05186	.5401839	.0400739
#3	.2525539	1.020827	2.038744	22.02620	.5419697	.0397518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1525.046	.5028533	.8860490	F -5.19901	.0261410	.2044972
Stddev	2.691	.0039609	.0016737	.14620	.0018976	.0013591
%RSD	.1764377	.7876847	.1888965	2.812150	7.259002	.6645895

#1	1527.678	.5030748	.8879811	-5.30014	.0278536	.2038109
#2	1522.300	.4987862	.8850428	-5.26552	.0264682	.2060626
#3	1525.159	.5066987	.8851231	-5.03138	.0241010	.2036181

Sample Name: Q1292-03 Acquired: 02/12/2025 14:00:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: E1PM9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010816	3.693975	3.653945	-.003491	-.017327	1.204867
Stddev	.0005414	.012182	.019888	.000954	.001232	.002189
%RSD	50.05402	.3297788	.5442885	27.33378	7.109864	.1816791
#1	.0014775	3.705877	3.636078	-.003080	-.018657	1.207392
#2	.0013028	3.681531	3.650384	-.002811	-.017100	1.203505
#3	.0004647	3.694517	3.675373	-.004582	-.016225	1.203704

Elem	Li6707
Units	ppm
Avg	.0305057
Stddev	.0013857
%RSD	4.542375
#1	.0292711
#2	.0320044
#3	.0302416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3845.633	32226.65	4345.809	2700.459	3741.637
Stddev	16.211	105.69	10.127	3.211	7.079
%RSD	.4215402	.3279489	.2330348	.1188951	.1891980
#1	3861.749	32106.47	4351.319	2698.855	3745.369
#2	3829.329	32268.40	4351.986	2704.155	3733.473
#3	3845.822	32305.09	4334.121	2698.366	3746.070

Sample Name: PB166667BL Acquired: 02/12/2025 14:04:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBW667 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002993	.0005271	-.000799	.0006991	-.000448	.0071219
Stddev	.0047117	.0006645	.002138	.0016546	.001421	.0188223
%RSD	1574.175	126.0613	267.5002	236.6665	317.0316	264.2888

#1	.0023200	.0008635	-.000650	.0026043	-.002080	-.003032
#2	-.005086	-.000238	.001260	-.000130	.000218	-.004443
#3	.003664	.000956	-.003008	-.000377	.000518	.028841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003229	.0001245	.0000002	.0159623	-.000252	-.000056
Stddev	.000728	.0001544	.0000837	.0210812	.000224	.000226
%RSD	22.55284	124.0187	36212.05	132.0683	88.85409	407.1695

#1	-.003822	-.000023	-.000016	-.001965	-.000494	-.000119
#2	-.002416	.000285	-.000074	.010666	-.000208	-.000243
#3	-.003448	.000111	.000091	.039187	-.000053	.000196

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004478	.0235611	.0067446	.0040361	.0003568	-.000308
Stddev	.000527	.0223304	.0003943	.0244241	.0003256	.000799
%RSD	11.77721	94.77647	5.845526	605.1347	91.26262	259.2656

#1	-.003930	.0415151	.0066834	-.006191	.0000067	-.000919
#2	-.004982	-.001444	.0071658	-.013612	.0004131	-.000601
#3	-.004522	.030612	.0063845	.031911	.0006505	.000596

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6268458	-.008476	-.002533	F -11.9364	.0033399	-.000280
Stddev	.7836355	.006163	.002228	.0754	.0010700	.001252
%RSD	125.0125	72.70856	87.98715	.6315962	32.03566	446.5363

#1	1.515579	-.014278	-.000549	-11.8497	.0045264	-.000561
#2	.329785	-.009143	-.002105	-11.9868	.0030449	.001088
#3	.035173	-.002007	-.004944	-11.9727	.0024484	-.001368

Sample Name: PB166667BL Acquired: 02/12/2025 14:04:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBW667 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002070	.0001788	-.001756	F -.009651	-.001028	-.000174
Stddev	.0001760	.0001016	.001889	.000274	.000852	.000284
%RSD	85.02627	56.83063	107.5810	2.840361	82.91775	163.5656
#1	.0000991	.0002357	-.003926	-.009356	-.001563	-.000221
#2	.0004101	.0002394	-.000862	-.009898	-.001475	-.000431
#3	.0001118	.0000615	-.000480	-.009697	-.000045	.000131

Elem	Li6707
Units	ppm
Avg	-.005756
Stddev	.004531
%RSD	78.70547
#1	-.010888
#2	-.002308
#3	-.004073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4623.089	39982.99	4453.538	3233.506	5667.566
Stddev	7.592	186.43	9.466	22.678	9.434
%RSD	.1642249	.4662692	.2125590	.7013538	.1664476
#1	4619.706	39793.85	4464.408	3214.996	5661.709
#2	4631.785	40166.58	4447.099	3258.803	5678.448
#3	4617.777	39988.54	4449.110	3226.719	5662.540

Sample Name: PB166667BS Acquired: 02/12/2025 14:08:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS667 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238388	.0528574	.0165120	.0718398	.1149970	.4262203
Stddev	.0017106	.0005600	.0015545	.0017434	.0016214	.0219799
%RSD	7.175734	1.059516	9.414059	2.426727	1.409930	5.156929

#1	.0218848	.0523892	.0179110	.0698581	.1164440	.4054924
#2	.0250659	.0534778	.0148386	.0731374	.1132446	.4492681
#3	.0245658	.0527052	.0167864	.0725237	.1153024	.4239004

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4038085	.0107077	.0093122	10.30560	.0207657	.0992929
Stddev	.0040818	.0000502	.0000718	.04138	.0003285	.0005786
%RSD	1.010835	.4689727	.7714645	.4014980	1.581853	.5827273

#1	.4081472	.0106784	.0093504	10.35289	.0206282	.0999218
#2	.4000443	.0106790	.0092293	10.27606	.0205284	.0987831
#3	.4032340	.0107657	.0093568	10.28784	.0211406	.0991738

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514409	.2225223	.0340318	10.31235	.0740157	.0194639
Stddev	.0079157	.0058948	.0002978	.06103	.0007672	.0006633
%RSD	15.38805	2.649089	.8749665	.5918081	1.036556	3.407623

#1	.0586719	.2183544	.0342984	10.36458	.0748481	.0188883
#2	.0429835	.2199457	.0340864	10.24526	.0738619	.0201892
#3	.0526674	.2292667	.0337105	10.32719	.0733370	.0193142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.798564	.1008132	.1120166	F -1.75838	.0193435	F -.001169
Stddev	.194510	.0040425	.0021804	.22263	.0018570	.002001
%RSD	1.985088	4.009916	1.946455	12.66110	9.600234	171.1756

#1	9.676028	.1043749	.1100971	-1.54085	.0191912	-.003209
#2	10.02284	.1016453	.1115655	-1.98579	.0212720	.000790
#3	9.69682	.0964193	.1143872	-1.74851	.0175674	-.001088

Sample Name: PB166667BS Acquired: 02/12/2025 14:08:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS667 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209980	.1694659	F 1.034842	F .0038484	.1982706	F .0604318
Stddev	.0002431	.0025555	.002309	.0010788	.0022310	.0001930
%RSD	1.157784	1.507973	.2231236	28.03245	1.125243	.3193926
#1	.0212016	.1722955	1.032179	.0038495	.1991058	.0604572
#2	.0210634	.1673262	1.036053	.0049267	.1957425	.0602273
#3	.0207288	.1687760	1.036293	.0027691	.1999635	.0606109

Elem	Li6707
Units	ppm
Avg	.0245736
Stddev	.0023695
%RSD	9.642408
#1	.0222693
#2	.0244482
#3	.0270033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4510.066	38662.07	4423.333	3132.547	5192.499
Stddev	17.847	441.20	20.727	38.556	19.606
%RSD	.3957168	1.141164	.4685862	1.230830	.3775922
#1	4502.674	38852.86	4399.413	3146.667	5179.360
#2	4530.422	38975.76	4435.998	3162.052	5215.036
#3	4497.103	38157.58	4434.587	3088.921	5183.103

Sample Name: Q1314-08 Acquired: 02/12/2025 14:12:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016587	.0023678	-.000840	-.000284	-.000116	.0518795	.0104365
Stddev	.0012810	.0012131	.000819	.001914	.001808	.0113036	.0018693
%RSD	77.23264	51.23542	97.51392	674.5029	1558.717	21.78817	17.91089

#1	.0022736	.0036985	-.000212	.000942	.001916	.0388629	.0125242
#2	.0025163	.0020813	-.001767	.000696	-.000715	.0592224	.0098674
#3	.0001861	.0013235	-.000541	-.002490	-.001549	.0575532	.0089179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000104	-.000029	10.86440	-.000161	.0080066	-.005236	.2929792
Stddev	.0001592	.000048	.04945	.000165	.0003347	.003821	.0138014
%RSD	1527.076	166.7741	.4551182	102.7648	4.180973	72.97797	4.710722

#1	.0001589	-.000046	10.91225	.000030	.0077191	-.001899	.2900399
#2	.0000301	-.000067	10.81350	-.000251	.0083741	-.004405	.3080136
#3	-.000158	.000025	10.86747	-.000260	.0079265	-.009405	.2808843

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1094986	2.455277	.0032493	.0000770	5.639987	-.002401	.0250838
Stddev	.0006853	.036039	.0002328	.0003623	.231373	.004729	.0011911
%RSD	.6258364	1.467833	7.165672	470.4187	4.102369	196.9937	4.748402

#1	.1102884	2.483884	.0033952	.0000818	5.907105	.002635	.0237288
#2	.1091463	2.414800	.0033719	-.000288	5.502025	-.006748	.0255573
#3	.1090612	2.467147	.0029808	.000437	5.510832	-.003089	.0259654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.52809	.0059145	.0175493	.0143363	1.785457	1.149174	-.009063
Stddev	.15540	.0018954	.0010011	.0000921	.002912	.007303	.000240
%RSD	4.404552	32.04717	5.704415	.6424686	.1630994	.6354741	2.647030

#1	-3.69398	.0038574	.0187025	.0143555	1.783925	1.149020	-.009207
#2	-3.50437	.0075903	.0170421	.0142361	1.788815	1.141949	-.008786
#3	-3.38591	.0062957	.0169033	.0144174	1.783630	1.156552	-.009196

Sample Name: Q1314-08 Acquired: 02/12/2025 14:12:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0008582	.0498248	-.000627
Stddev	.0016311	.0001337	.003674
%RSD	190.0635	.2682839	586.2039

#1	.0002130	.0498484	-.000827
#2	-.000352	.0496808	-.004196
#3	.002713	.0499450	.003144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4558.055	39233.61	4417.049	3175.925	5327.404
Stddev	5.260	172.83	29.957	10.563	14.545
%RSD	.1154020	.4405115	.6782150	.3325851	.2730246

#1	4563.495	39185.27	4384.942	3164.004	5343.030
#2	4552.996	39090.10	4444.251	3179.656	5314.260
#3	4557.673	39425.46	4421.954	3184.116	5324.921

Sample Name: Q1314-09 Acquired: 02/12/2025 14:16:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000807	.0026566	-.002304	.0004437	-.002159	.0548117	.0135787
Stddev	.003166	.0013176	.000149	.0023708	.001506	.0223234	.0029880
%RSD	392.2751	49.59762	6.467785	534.3766	69.73776	40.72742	22.00478

#1	-.002755	.0024582	-.002269	-.000495	-.003201	.0757359	.0156820
#2	.002846	.0014495	-.002467	.003140	-.000433	.0573866	.0101585
#3	-.002512	.0040622	-.002174	-.001314	-.002843	.0313125	.0148956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001372	.0000295	10.92955	-.000267	.0082930	-.004918	.2962374
Stddev	.0001536	.0000632	.04787	.000847	.0001981	.002032	.0178855
%RSD	111.9262	213.9786	.4379559	316.7325	2.388717	41.30889	6.037570

#1	.0003102	-.000040	10.87731	-.000223	.0083501	-.007254	.3161771
#2	.0000169	.000045	10.97131	.000556	.0084562	-.003938	.2909257
#3	.0000845	.000083	10.94002	-.001136	.0080726	-.003563	.2816094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105515	2.467298	.0033710	.0009763	6.017567	.0018292	.0256169
Stddev	.0017843	.036380	.0000435	.0009212	.247976	.0069656	.0028619
%RSD	1.614012	1.474498	1.291597	94.35367	4.120867	380.7942	11.17194

#1	.1113372	2.484610	.0033334	.0013169	6.302631	-.001563	.0242813
#2	.1085092	2.425495	.0033609	-.000067	5.851670	-.002791	.0236669
#3	.1118082	2.491790	.0034187	.001679	5.898400	.009841	.0289024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.52216	.0044850	.0175310	.0138336	1.786954	1.144567	-.008658
Stddev	.12118	.0010161	.0019769	.0005201	.004844	.005856	.000115
%RSD	3.440413	22.65545	11.27690	3.759887	.2710802	.5116114	1.329336

#1	-3.48760	.0050590	.0195747	.0134824	1.792338	1.151042	-.008777
#2	-3.65686	.0033118	.0173900	.0144311	1.782948	1.139643	-.008650
#3	-3.42202	.0050842	.0156283	.0135872	1.785576	1.143017	-.008547

Sample Name: Q1314-09 Acquired: 02/12/2025 14:16:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0004029	.0500467	-.001841
Stddev	.0010586	.0002208	.004483
%RSD	262.7423	.4412484	243.5793
#1	-.000818	.0502622	.001398
#2	.001068	.0498209	.000037
#3	.000958	.0500568	-.006958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4553.475	39299.93	4442.053	3180.353	5328.558
Stddev	8.416	131.65	16.330	8.485	7.958
%RSD	.1848173	.3349902	.3676137	.2667989	.1493507
#1	4563.179	39192.56	4427.409	3170.972	5337.302
#2	4549.073	39446.81	4459.662	3187.492	5326.633
#3	4548.174	39260.41	4439.088	3182.594	5321.739

Sample Name: Q1314-08LX5 Acquired: 02/12/2025 14:20:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001347	.0019422	-.001625	-.000339	-.001073	.0149592	.0032197
Stddev	.0005525	.0013856	.000681	.002970	.000630	.0191160	.0002271
%RSD	410.2002	71.34283	41.90813	876.7171	58.71585	127.7873	7.054911

#1	.0007521	.0004155	-.002012	-.001851	-.000346	.0257639	.0030323
#2	-.000313	.0031201	-.002023	-.002249	-.001415	-.007112	.0031546
#3	-.000035	.0022911	-.000838	.003083	-.001458	.026226	.0034723

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000177	-.000001	2.231150	-.000223	.0018134	-.008163	.0688169
Stddev	.0001146	.000040	.035241	.000090	.0001936	.001566	.0114432
%RSD	647.6668	3938.921	1.579479	40.13926	10.67404	19.17965	16.62853

#1	-.000111	.000022	2.206166	-.000131	.0018336	-.009540	.0564597
#2	.000056	.000022	2.215826	-.000229	.0016105	-.008488	.0709431
#3	.000108	-.000047	2.271459	-.000310	.0019960	-.006460	.0790479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222104	.4784068	.0004964	.0006625	1.451817	.0007625	.0044420
Stddev	.0011364	.0316953	.0001535	.0007970	.215520	.0031889	.0027400
%RSD	5.116564	6.625183	30.91687	120.2977	14.84485	418.2128	61.68387

#1	.0232548	.4971030	.0006659	.0002310	1.439435	.0023830	.0061556
#2	.0210002	.4418111	.0004569	.0001743	1.673261	.0028157	.0058884
#3	.0223760	.4963063	.0003666	.0015822	1.242755	-.002911	.0012819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1545976	.0018825	.0026860	.0030769	.3459526	.2268532	-.002019
Stddev	.2725769	.0010258	.0013931	.0001453	.0026523	.0006096	.000822
%RSD	176.3138	54.49393	51.86527	4.721135	.7666581	.2687271	40.68493

#1	-.127914	.0024162	.0041290	.0031247	.3487095	.2262118	-.001081
#2	.175694	.0025314	.0025800	.0029138	.3457291	.2274250	-.002609
#3	.416014	.0006998	.0013489	.0031923	.3434191	.2269227	-.002367

Sample Name: Q1314-08LX5 Acquired: 02/12/2025 14:20:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000987	.0102149	.0102547
Stddev	.002303	.0002531	.0052587
%RSD	233.4786	2.477483	51.28090
#1	-.003617	.0105043	.0048676
#2	-.000013	.0101051	.0105218
#3	.000670	.0100353	.0153748

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4314.030	37778.57	4202.433	3018.543	5100.963
Stddev	11.317	207.92	7.927	19.061	4.901
%RSD	.2623388	.5503745	.1886213	.6314707	.0960797
#1	4325.716	37768.36	4206.276	2996.995	5105.097
#2	4313.252	37991.41	4207.706	3033.203	5102.245
#3	4303.121	37575.94	4193.318	3025.431	5095.549

Sample Name: Q1314-10 Acquired: 02/12/2025 14:24:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484862	.0515690	.0170707	.0961748	.0972537	1.980031	2.031277
Stddev	.0017468	.0014465	.0016703	.0032556	.0019264	.028417	.002528
%RSD	3.602734	2.804970	9.784783	3.385045	1.980783	1.435205	.1244575

#1	.0497956	.0518175	.0163368	.0950336	.0950868	1.973598	2.030751
#2	.0491603	.0500144	.0158929	.0936436	.0987724	1.955382	2.034026
#3	.0465028	.0528752	.0189823	.0998474	.0979019	2.011114	2.029053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532718	.0449830	10.66515	.2159844	.4684369	.2525956	1.319396
Stddev	.0005988	.0002164	.04173	.0017919	.0013304	.0090187	.008277
%RSD	1.124115	.4811260	.3912735	.8296238	.2839994	3.570415	.6273294

#1	.0539160	.0448741	10.67906	.2155884	.4669544	.2562114	1.324209
#2	.0527320	.0448426	10.69815	.2144236	.4688294	.2423300	1.324140
#3	.0531675	.0452322	10.61824	.2179411	.4695268	.2592452	1.309839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6392339	2.356740	.4673785	.0369987	5.578017	.5047914	.4731432
Stddev	.0056846	.005872	.0010242	.0008011	.679719	.0088498	.0042934
%RSD	.8892834	.2491765	.2191352	2.165147	12.18567	1.753168	.9074199

#1	.6371904	2.360480	.4662543	.0362354	6.238456	.5060229	.4709149
#2	.6348535	2.359770	.4676226	.0378329	4.880534	.4953903	.4780926
#3	.6456578	2.349972	.4682586	.0369278	5.615061	.5129609	.4704221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.47518	.0060906	.0162418	.0133707	1.802715	1.127506	-.009301
Stddev	.03173	.0001420	.0012682	.0005433	.002870	.005984	.000335
%RSD	.9130119	2.331004	7.808207	4.063423	.1591830	.5307486	3.606035

#1	-3.44483	.0059598	.0175372	.0132763	1.805112	1.134297	-.008965
#2	-3.50813	.0062416	.0150027	.0139551	1.803498	1.123002	-.009636
#3	-3.47258	.0060703	.0161854	.0128808	1.799535	1.125220	-.009303

Sample Name: Q1314-10 Acquired: 02/12/2025 14:24:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0005833	.0477604	.0017567
Stddev	.0021016	.0001146	.0034612
%RSD	360.2897	.2399606	197.0329
#1	-.000907	.0478312	.0010137
#2	-.000330	.0478218	-.001273
#3	.002987	.0476282	.005529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4522.601	39005.58	4401.525	3170.370	5290.403
Stddev	2.885	230.86	6.968	18.481	5.322
%RSD	.0637804	.5918592	.1583100	.5829141	.1005941
#1	4520.078	39272.12	4394.009	3191.513	5285.958
#2	4521.979	38875.80	4402.794	3162.297	5296.300
#3	4525.746	38868.81	4407.771	3157.299	5288.952

Sample Name: Q1315-01 Acquired: 02/12/2025 14:28:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001071	.0048201	-.002566	-.001299	-.003354	.0273325	.0354175
Stddev	.002886	.0023683	.001611	.001918	.000449	.0288339	.0011674
%RSD	269.5573	49.13410	62.79563	147.6665	13.37649	105.4932	3.296173
#1	-.002633	.0075244	-.001179	-.003473	-.002861	.0197946	.0340928
#2	-.002839	.0031155	-.004333	-.000577	-.003463	.0591866	.0362962
#3	.002260	.0038205	-.002186	.000153	-.003738	.0030162	.0358634
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000112	.0000961	26.64938	.0003333	.0165129	.0018744	.4347901
Stddev	.0000862	.0000743	.09665	.0013679	.0002366	.0043692	.0104941
%RSD	769.0716	77.30087	.3626899	410.4523	1.432966	233.1063	2.413609
#1	.0000970	.0001816	26.55615	.0019020	.0166077	.0044420	.4448748
#2	-.000075	.0000592	26.64288	-.000291	.0166874	-.003171	.4355659
#3	.000012	.0000475	26.74913	-.000611	.0162436	.004352	.4239296
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2444120	6.202224	.0078070	.0002758	14.73259	.0003933	.0670105
Stddev	.0022077	.035339	.0005370	.0011275	.08602	.0025919	.0027352
%RSD	.9032552	.5697715	6.878906	408.8132	.5838987	659.0349	4.081818
#1	.2419962	6.175673	.0083763	.0008353	14.82402	-.002578	.0698137
#2	.2449149	6.188664	.0077351	.0010141	14.65326	.002191	.0643487
#3	.2463248	6.242334	.0073095	-.001022	14.72048	.001566	.0668691
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.283986	.0066862	.0474076	.0282407	3.556893	3.111294	-.009598
Stddev	.107730	.0023204	.0010868	.0002233	.008758	.017633	.000218
%RSD	1.160388	34.70381	2.292477	.7906237	.2462126	.5667347	2.276461
#1	9.296194	.0063110	.0461799	.0282124	3.547030	3.092652	-.009559
#2	9.170671	.0045763	.0477962	.0284768	3.563755	3.127705	-.009833
#3	9.385092	.0091713	.0482467	.0280329	3.559895	3.113525	-.009402

Sample Name: Q1315-01 Acquired: 02/12/2025 14:28:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0010035	.1300510	.0050556
Stddev	.0025853	.0008778	.0017101
%RSD	257.6302	.6749841	33.82587
#1	-.001482	.1291939	.0039542
#2	.000815	.1300109	.0070257
#3	.003678	.1309482	.0041869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4456.976	38187.56	4388.369	3137.058	5056.066
Stddev	9.756	73.44	24.983	9.015	4.083
%RSD	.2188922	.1923122	.5693068	.2873675	.0807458
#1	4461.082	38156.66	4406.984	3135.157	5055.798
#2	4464.009	38271.40	4398.148	3146.872	5060.277
#3	4445.839	38134.62	4359.976	3129.146	5052.125

Sample Name: Q1315-02 Acquired: 02/12/2025 14:32:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016443	.0043914	-.001707	-.003668	-.002751	.0101041	.0380775
Stddev	.0015005	.0001721	.000723	.002158	.004071	.0218182	.0005849
%RSD	91.25414	3.919500	42.34751	58.83754	147.9709	215.9342	1.535980

#1	.0031786	.0045889	-.002332	-.001330	.000285	-.014419	.0374370
#2	.0015741	.0043118	-.000916	-.005584	-.007378	.017367	.0382123
#3	.0001801	.0042735	-.001872	-.004091	-.001161	.027364	.0385831

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000646	.0000059	26.77404	.0001619	.0164032	-.001778	.4383086
Stddev	.0000698	.0000750	.02817	.0004568	.0003052	.004519	.0156539
%RSD	107.9767	1261.309	.1052245	282.0759	1.860814	254.1964	3.571440

#1	.0000564	-.000066	26.78464	.0006684	.0166616	-.006568	.4395969
#2	.0001381	-.000000	26.79537	-.000219	.0164817	.002409	.4532786
#3	-.000001	.000084	26.74210	.000036	.0160664	-.001174	.4220503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2452690	6.263664	.0079625	.0005982	14.94243	.0011420	.0629715
Stddev	.0017589	.057483	.0006017	.0003037	.71192	.0020833	.0012790
%RSD	.7171207	.9177158	7.556544	50.76822	4.764446	182.4132	2.031137

#1	.2434136	6.203829	.0084865	.0007611	14.24955	.0035397	.0642878
#2	.2454814	6.318462	.0080957	.0002478	14.90577	.0001118	.0617333
#3	.2469121	6.268700	.0073054	.0007856	15.67198	-.000225	.0628934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.423126	.0043870	.0484894	.0287089	3.586885	3.144125	-.008097
Stddev	.146121	.0013162	.0012578	.0005223	.004219	.014813	.000451
%RSD	1.550667	30.00147	2.593881	1.819353	.1176240	.4711232	5.569667

#1	9.485862	.0052990	.0498066	.0286996	3.582653	3.155223	-.007639
#2	9.527403	.0028781	.0483607	.0281913	3.586910	3.127305	-.008113
#3	9.256113	.0049838	.0473010	.0292358	3.591091	3.149846	-.008540

Sample Name: Q1315-02 Acquired: 02/12/2025 14:32:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000323	.1312578	.0054637
Stddev	.002462	.0003553	.0046352
%RSD	762.8456	.2707199	84.83467
#1	.001633	.1313655	.0093407
#2	-.003087	.1315468	.0003297
#3	.000486	.1308611	.0067208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4510.613	38935.61	4447.355	3155.436	5101.942
Stddev	1.490	140.99	25.888	13.532	4.497
%RSD	.0330327	.3621065	.5821000	.4288440	.0881412
#1	4510.597	38928.31	4417.607	3142.392	5097.064
#2	4509.131	38798.42	4464.768	3169.408	5102.840
#3	4512.111	39080.11	4459.692	3154.510	5105.923

Sample Name: Q1315-01LX5 Acquired: 02/12/2025 14:36:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001750	.0008985	-.000910	.0001347	-.000346	.0217920	.0106523
Stddev	.002228	.0032294	.000231	.0014554	.002421	.0102912	.0008968
%RSD	127.3109	359.4169	25.37615	1080.340	699.6656	47.22471	8.418664

#1	-.001870	.0000098	-.001177	-.000657	-.002229	.0151235	.0115324
#2	-.003916	-.001793	-.000786	.001814	.002385	.0336443	.0106847
#3	.000536	.004479	-.000768	-.000753	-.001195	.0166082	.0097398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	.0001233	5.562907	-.000630	.0047422	-.006516	.1123237
Stddev	.000172	.0000426	.009554	.000230	.0003697	.005231	.0352004
%RSD	110.1997	34.55004	.1717466	36.43339	7.796526	80.28404	31.33834

#1	-.000349	.0001664	5.554294	-.000380	.0043199	-.004250	.1520228
#2	-.000099	.0001224	5.561244	-.000678	.0050077	-.002800	.1000272
#3	-.000020	.0000812	5.573184	-.000832	.0048990	-.012498	.0849210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522480	1.294139	.0018987	.0006497	3.102368	-.000818	.0142118
Stddev	.0002146	.015394	.0002580	.0009907	.434424	.006191	.0039125
%RSD	.4107369	1.189523	13.58839	152.4809	14.00297	757.0049	27.53013

#1	.0522346	1.306764	.0017466	.0004163	2.999785	-.007005	.0119857
#2	.0524689	1.298662	.0017529	.0017362	2.728417	-.000826	.0187294
#3	.0520403	1.276990	.0021966	-.000203	3.578903	.005377	.0119203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.205566	-.000865	.0104831	.0060398	.6973926	.6299170	-.001349
Stddev	.135938	.000657	.0010492	.0004730	.0024233	.0074484	.000476
%RSD	6.163402	75.99629	10.00858	7.831227	.3474876	1.182434	35.32641

#1	2.342037	-.000133	.0096717	.0057560	.6998420	.6366278	-.000833
#2	2.070167	-.001056	.0101096	.0057775	.6973397	.6312200	-.001439
#3	2.204493	-.001405	.0116679	.0065858	.6949961	.6219031	-.001773

Sample Name: Q1315-01LX5 Acquired: 02/12/2025 14:36:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002347	.0273873	.0095946
Stddev	.003669	.0001351	.0027186
%RSD	156.3085	.4931083	28.33466
#1	-.003772	.0273799	.0101691
#2	.001820	.0272561	.0119800
#3	-.005089	.0275259	.0066346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4402.380	38176.21	4333.253	3060.715	5119.822
Stddev	5.252	138.17	18.215	20.626	5.442
%RSD	.1193104	.3619139	.4203437	.6739028	.1062962
#1	4396.461	38209.10	4317.388	3060.397	5115.971
#2	4406.486	38294.96	4329.228	3081.498	5126.048
#3	4404.192	38024.57	4353.144	3040.250	5117.449

Sample Name: Q1315-03 Acquired: 02/12/2025 14:40:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478048	.0545450	.0155497	.0949813	.0964707	1.991976	2.074616
Stddev	.0021827	.0009142	.0005444	.0018118	.0020127	.024912	.008703
%RSD	4.565776	1.675977	3.500969	1.907495	2.086295	1.250631	.4194849

#1	.0503126	.0545446	.0149266	.0931527	.0961432	1.971883	2.083811
#2	.0467673	.0536310	.0159331	.0967758	.0946419	1.984196	2.073530
#3	.0463343	.0554594	.0157893	.0950152	.0986270	2.019850	2.066507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545770	.0469486	26.90465	.2157857	.4923351	.2532694	1.518512
Stddev	.0006060	.0001574	.08848	.0010717	.0005676	.0040686	.015375
%RSD	1.110301	.3353195	.3288667	.4966573	.1152877	1.606417	1.012488

#1	.0543520	.0471302	27.00248	.2148749	.4920034	.2524214	1.504028
#2	.0541156	.0468520	26.88122	.2155154	.4920114	.2576952	1.534645
#3	.0552632	.0468635	26.83024	.2169666	.4929905	.2496917	1.516863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7749368	6.336698	.4885911	.0359219	15.55797	.5248031	.5250688
Stddev	.0007133	.020343	.0005582	.0014281	.78830	.0063660	.0034631
%RSD	.0920496	.3210345	.1142493	3.975689	5.066850	1.213022	.6595431

#1	.7757361	6.346500	.4879467	.0362540	16.34097	.5276766	.5290343
#2	.7747093	6.313309	.4888987	.0343570	15.56845	.5292257	.5226399
#3	.7743649	6.350284	.4889279	.0371548	14.76448	.5175069	.5235322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.819782	.0052499	.0503883	.0279029	3.555076	3.204889	-.009533
Stddev	.180867	.0028705	.0011665	.0001580	.003959	.016904	.000614
%RSD	1.841863	54.67627	2.315019	.5663061	.1113586	.5274456	6.445289

#1	9.611356	.0021260	.0499939	.0280732	3.551145	3.203821	-.009698
#2	9.912523	.0077713	.0494701	.0278742	3.555020	3.188545	-.008853
#3	9.935468	.0058525	.0517009	.0277611	3.559062	3.222302	-.010048

Sample Name: Q1315-03 Acquired: 02/12/2025 14:40:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000056	.1316911	.0061584
Stddev	.003572	.0002289	.0032677
%RSD	6412.714	.1737951	53.06047
#1	.002630	.1316752	.0025303
#2	.001312	.1314707	.0088698
#3	-.004109	.1319276	.0070752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4462.906	38628.09	4359.364	3129.340	5034.992
Stddev	18.824	174.05	32.881	13.538	14.132
%RSD	.4217928	.4505715	.7542501	.4326130	.2806792
#1	4483.632	38804.43	4385.913	3144.052	5049.923
#2	4458.212	38623.41	4369.595	3126.561	5033.229
#3	4446.872	38456.43	4322.584	3117.407	5021.824

Sample Name: PB166670BL Acquired: 02/12/2025 14:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBW670 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003228	.0009221	-.000874	.0002341	-.000738	.0162616	.0006964
Stddev	.0024511	.0001611	.000693	.0019567	.000852	.0065654	.0005991
%RSD	759.3591	17.47552	79.32002	835.6703	115.5365	40.37365	86.03525

#1	.0031369	.0007847	-.001302	.0020804	-.000119	.0216096	.0013637
#2	-.000822	.0008822	-.000074	.0004389	-.000385	.0089343	.0002047
#3	-.001346	.0010994	-.001245	-.001817	-.001710	.0182410	.0005208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000375	.0000250	.0076838	-.000414	-.000224	-.006451	.0160573
Stddev	.0001258	.0000323	.0214744	.000147	.000362	.005528	.0084003
%RSD	335.9382	129.0963	279.4773	35.46894	161.2931	85.68932	52.31442

#1	-.000103	.0000611	.0314353	-.000362	-.000153	-.001875	.0210193
#2	.000077	-.000001	-.010361	-.000580	-.000616	-.004884	.0063584
#3	.000139	.000015	.001977	-.000300	.000097	-.012592	.0207943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000297	-.013667	-.000054	.0005035	.1077125	-.001491	-.002226
Stddev	.000642	.020932	.000129	.0011693	.3945350	.002574	.001383
%RSD	216.4828	153.1651	238.3979	232.2390	366.2853	172.6545	62.10065

#1	-.000849	-.017711	-.000199	-.000462	.0411197	-.002760	-.002521
#2	-.000448	.008993	.000047	.001804	-.249288	-.003184	-.000720
#3	.000408	-.032281	-.000010	.000169	.531306	.001471	-.003438

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5515887	.0004301	.0094844	.0005233	-.000239	.0005259	.0005822
Stddev	.0642256	.0026525	.0014250	.0000146	.000813	.0003538	.0005872
%RSD	11.64375	616.6574	15.02511	2.792717	340.5959	67.27645	100.8689

#1	.4806183	.0006927	.0087354	.0005397	-.000793	.0008881	.0012484
#2	.5684370	.0029416	.0085901	.0005118	-.000618	.0001811	.0003580
#3	.6057107	-.002344	.0111277	.0005183	.000695	.0005084	.0001400

Sample Name: PB166670BL Acquired: 02/12/2025 14:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBW670 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0011969	-.000149	.0118796
Stddev	.0010599	.000028	.0043838
%RSD	88.55084	18.67524	36.90228
#1	.0021012	-.000124	.0133463
#2	.0014591	-.000179	.0069505
#3	.0000306	-.000145	.0153420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4438.584	38699.83	4335.235	3112.723	5309.988
Stddev	7.760	137.97	10.563	7.003	11.333
%RSD	.1748347	.3565022	.2436625	.2249863	.2134269
#1	4435.994	38846.78	4329.650	3114.785	5302.224
#2	4447.308	38679.64	4347.419	3118.464	5322.993
#3	4432.450	38573.07	4328.637	3104.921	5304.748

Sample Name: PB166670BS Acquired: 02/12/2025 15:01:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS670 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248918	.0529841	.0157824	.0682885	.1147844	.4268937
Stddev	.0022173	.0009864	.0018337	.0046170	.0009252	.0139642
%RSD	8.907721	1.861683	11.61875	6.761005	.8060574	3.271124

#1	.0274008	.0531887	.0137678	.0632166	.1154283	.4382449
#2	.0231954	.0538521	.0173541	.0722469	.1152009	.4311360
#3	.0240792	.0519114	.0162252	.0694019	.1137242	.4113003

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4116964	.0106586	.0094341	10.45407	.0213639	.1010616
Stddev	.0053775	.0000757	.0001188	.03647	.0004802	.0006268
%RSD	1.306185	.7102007	1.258949	.3488216	2.247880	.6201773

#1	.4149274	.0105876	.0094079	10.44170	.0218066	.1014690
#2	.4146731	.0107383	.0093306	10.49512	.0208533	.1003399
#3	.4054887	.0106500	.0095638	10.42540	.0214318	.1013759

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520106	.2167890	.0323343	10.13559	.0768988	.0209322
Stddev	.0059348	.0035515	.0009623	.02400	.0007824	.0009932
%RSD	11.41074	1.638243	2.976126	.2368250	1.017469	4.744953

#1	.0457007	.2198003	.0332127	10.11582	.0777365	.0219906
#2	.0528503	.2176943	.0324846	10.16230	.0761869	.0207858
#3	.0574809	.2128724	.0313057	10.12866	.0767731	.0200204

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.68007	.1042889	.1149724	10.70087	.0181113	F .0048652
Stddev	.36779	.0015197	.0025551	.20460	.0005281	.0012211
%RSD	3.443668	1.457165	2.222354	1.911958	2.915665	25.09845

#1	10.76074	.1048860	.1132356	10.82908	.0181453	.0062270
#2	11.00083	.1025614	.1137753	10.80861	.0186216	.0045007
#3	10.27864	.1054194	.1179063	10.46492	.0175671	.0038678

Sample Name: PB166670BS Acquired: 02/12/2025 15:01:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS670 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211258	.1666951	F 1.009713	.0150773	.2029348	.2108940
Stddev	.0003474	.0032406	.004832	.0003554	.0003364	.0009468
%RSD	1.644512	1.944031	.4785816	2.357227	.1657423	.4489242
#1	.0207425	.1685133	1.014824	.0146967	.2030318	.2117287
#2	.0214200	.1629537	1.009098	.0154006	.2032121	.2110879
#3	.0212149	.1686184	1.005219	.0151346	.2025606	.2098653

Elem	Li6707
Units	ppm
Avg	F .0407462
Stddev	.0016510
%RSD	4.051851
#1	.0410774
#2	.0389547
#3	.0422065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4342.008	37604.47	4297.113	3040.249	4909.368
Stddev	7.120	161.99	19.333	11.171	7.368
%RSD	.1639740	.4307768	.4499099	.3674504	.1500719
#1	4346.729	37417.63	4281.951	3027.411	4908.219
#2	4345.477	37705.73	4290.505	3047.756	4917.243
#3	4333.819	37690.03	4318.884	3045.582	4902.642

Sample Name: CCV012 Acquired: 02/12/2025 15:05:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.777725	4.732345	24.10192	4.769474	4.867937	387.4174	9.969990
Stddev	.009777	.004550	.01938	.007787	.008012	1.8735	.017813
%RSD	.2046282	.0961488	.0804032	.1632571	.1645782	.4835813	.1786643

#1	4.786438	4.731604	24.11858	4.770782	4.875228	385.9186	9.958530
#2	4.779585	4.737221	24.10653	4.761117	4.859360	389.5177	9.990511
#3	4.767152	4.728211	24.08065	4.776524	4.869223	386.8157	9.960927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913589	2.436314	393.5166	15.42262	2.431237	14.59440	387.9924
Stddev	.0059788	.002867	.9669	.02322	.003615	.03990	1.4209
%RSD	1.216783	.1176829	.2457087	.1505710	.1487015	.2733641	.3662095

#1	.4921726	2.439023	392.6711	15.39967	2.433333	14.59500	386.8620
#2	.4968891	2.436608	394.5708	15.42208	2.433316	14.63399	389.5874
#3	.4850149	2.433312	393.3079	15.44611	2.427063	14.55420	387.5279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.22367	383.5744	2.427489	1.253763	388.7086	2.387796	14.34134
Stddev	.03700	1.8393	.000624	.001958	1.1314	.007494	.13156
%RSD	.2601404	.4795100	.0257144	.1561439	.2910743	.3138273	.9173309

#1	14.20312	381.9496	2.428208	1.255696	387.7521	2.391918	14.24604
#2	14.26639	385.5713	2.427173	1.253812	389.9575	2.392324	14.28655
#3	14.20151	383.2023	2.427086	1.251782	388.4161	2.379147	14.49144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.5797	4.883351	4.788982	4.811771	4.892491	4.589425	4.860481
Stddev	.6827	.002983	.056293	.005472	.008017	.055243	.007046
%RSD	.4657706	.0610786	1.175467	.1137192	.1638634	1.203691	.1449684

#1	145.9380	4.881889	4.794673	4.811238	4.892358	4.595543	4.868358
#2	147.2971	4.881382	4.842214	4.806585	4.900574	4.641353	4.854778
#3	146.5040	4.886783	4.730060	4.817490	4.884542	4.531377	4.858307

Sample Name: CCV012 Acquired: 02/12/2025 15:05:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.817721	4.595279	4.994597
Stddev	.019636	.044865	.015491
%RSD	.4075888	.9763218	.3101526
#1	4.796835	4.544482	4.977183
#2	4.835807	4.629487	5.006846
#3	4.820522	4.611867	4.999760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.530	31505.30	4125.277	2561.323	3689.973
Stddev	10.286	139.92	29.384	7.023	2.887
%RSD	.2796907	.4441124	.7122963	.2741952	.0782312
#1	3677.394	31582.22	4115.161	2561.045	3690.781
#2	3687.883	31589.89	4102.287	2568.481	3692.369
#3	3667.313	31343.80	4158.383	2554.443	3686.768

Sample Name: CCB012 Acquired: 02/12/2025 15:09:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007618	.0017525	-.001265	.0026277	.0006487	.0308545	-.001865
Stddev	.0009136	.0014561	.001405	.0039856	.0017060	.0031105	.001268
%RSD	119.9183	83.08545	111.0415	151.6763	262.9692	10.08131	67.97942

#1	.0018167	.0004073	.000295	.0060929	.0024835	.0278870	-.000488
#2	.0002251	.0032986	-.002431	.0035179	.0003522	.0340907	-.002123
#3	.0002437	.0015517	-.001659	-.001728	-.000890	.0305858	-.002983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0000760	.0183258	-.000409	-.000273	-.002027	.0195654
Stddev	.000097	.0000402	.0124548	.000575	.000219	.009612	.0193095
%RSD	495.3703	52.89749	67.96285	140.7498	80.09676	474.3101	98.69187

#1	.000082	.0001217	.0041235	-.000060	-.000372	.005217	.0050864
#2	-.000029	.0000461	.0234672	-.001072	-.000022	-.012931	.0414891
#3	-.000111	.0000602	.0273868	-.000093	-.000425	.001635	.0121208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017889	.0223298	-.000214	-.000058	.5130144	.0006457	.0010210
Stddev	.0005665	.0093000	.000350	.000444	.2428160	.0033392	.0002700
%RSD	31.66833	41.64853	163.2224	772.2847	47.33124	517.1543	26.44905

#1	.0023442	.0268515	-.000439	.000222	.3175088	-.001014	.0012757
#2	.0018108	.0285044	.000189	.000175	.4367189	.004490	.0007379
#3	.0012117	.0116335	-.000392	-.000570	.7848154	-.001538	.0010494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4384530	.0013862	.0103778	.0011997	.0009120	.0002901	-.000130
Stddev	.2500591	.0016516	.0017602	.0002190	.0025016	.0008835	.000461
%RSD	57.03213	119.1514	16.96138	18.25621	274.2956	304.5073	355.6548

#1	.1930853	.0007077	.0109028	.0009477	-.001477	-.000713	-.000658
#2	.6929532	.0001818	.0118158	.0013442	.003513	.000630	.000191
#3	.4293205	.0032690	.0084148	.0013071	.000700	.000953	.000078

Sample Name: CCB012 Acquired: 02/12/2025 15:09:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v136) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000157	-.000074	.0057107
Stddev	.003242	.000125	.0024359
%RSD	2067.381	168.9425	42.65576

#1	.000534	.000054	.0085044
#2	.002684	-.000081	.0040313
#3	-.003689	-.000195	.0045963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4428.926	38435.07	4334.001	3103.548	5319.696
Stddev	14.289	102.56	31.189	4.761	12.102
%RSD	.3226393	.2668305	.7196461	.1534190	.2274919

#1	4412.949	38334.88	4368.822	3099.389	5307.179
#2	4433.346	38539.84	4308.628	3102.512	5320.573
#3	4440.483	38430.48	4324.552	3108.741	5331.335