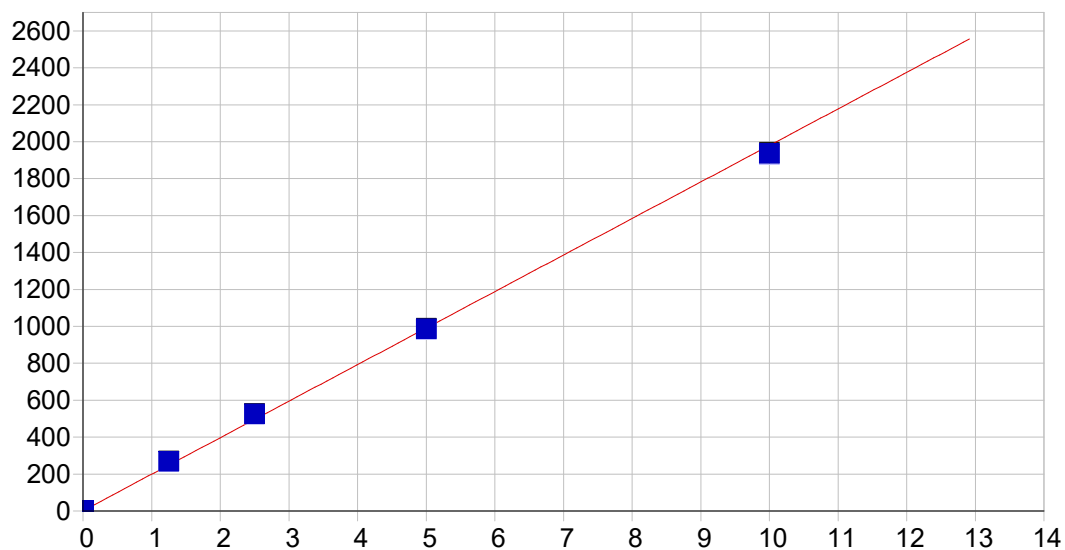


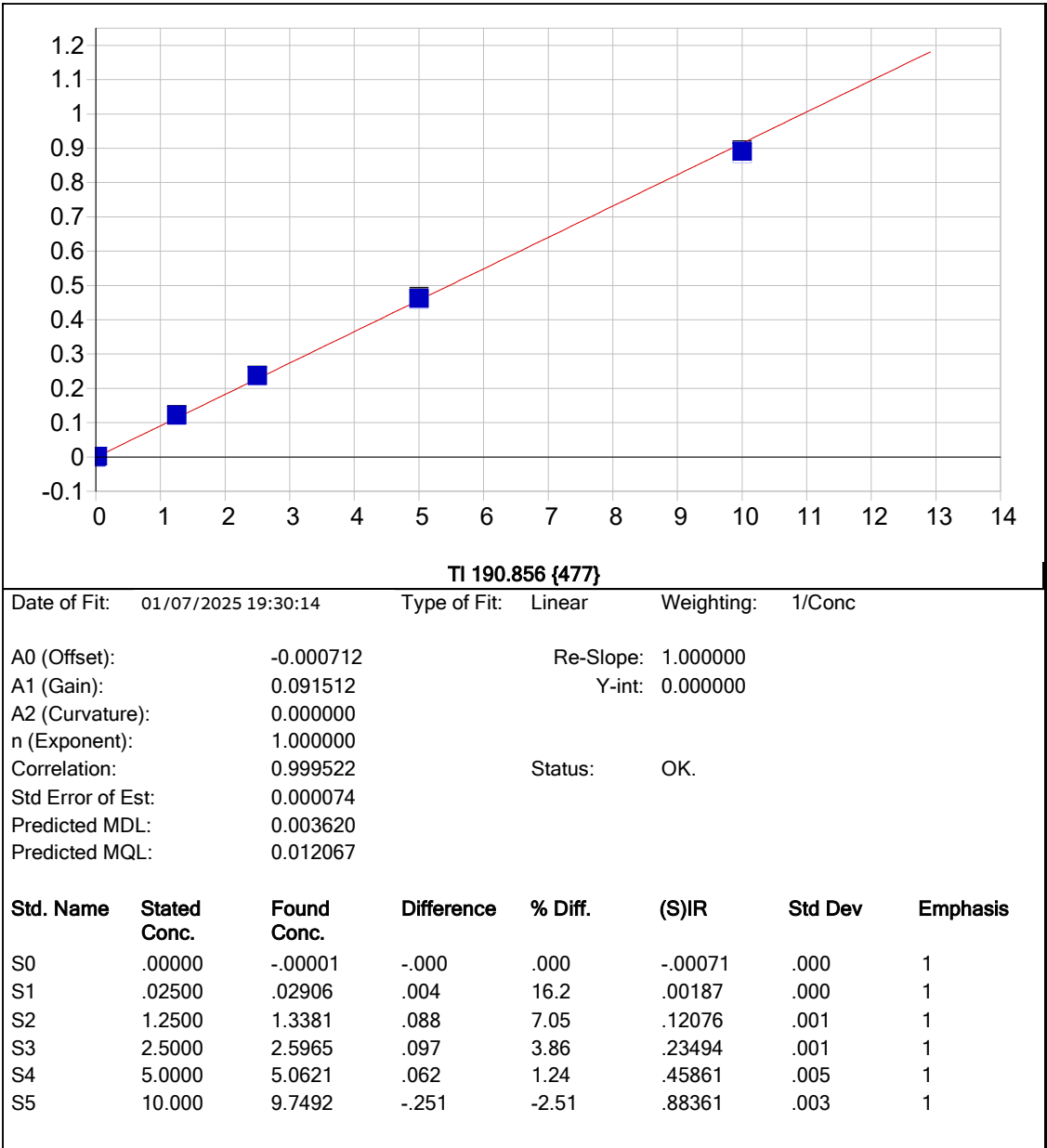


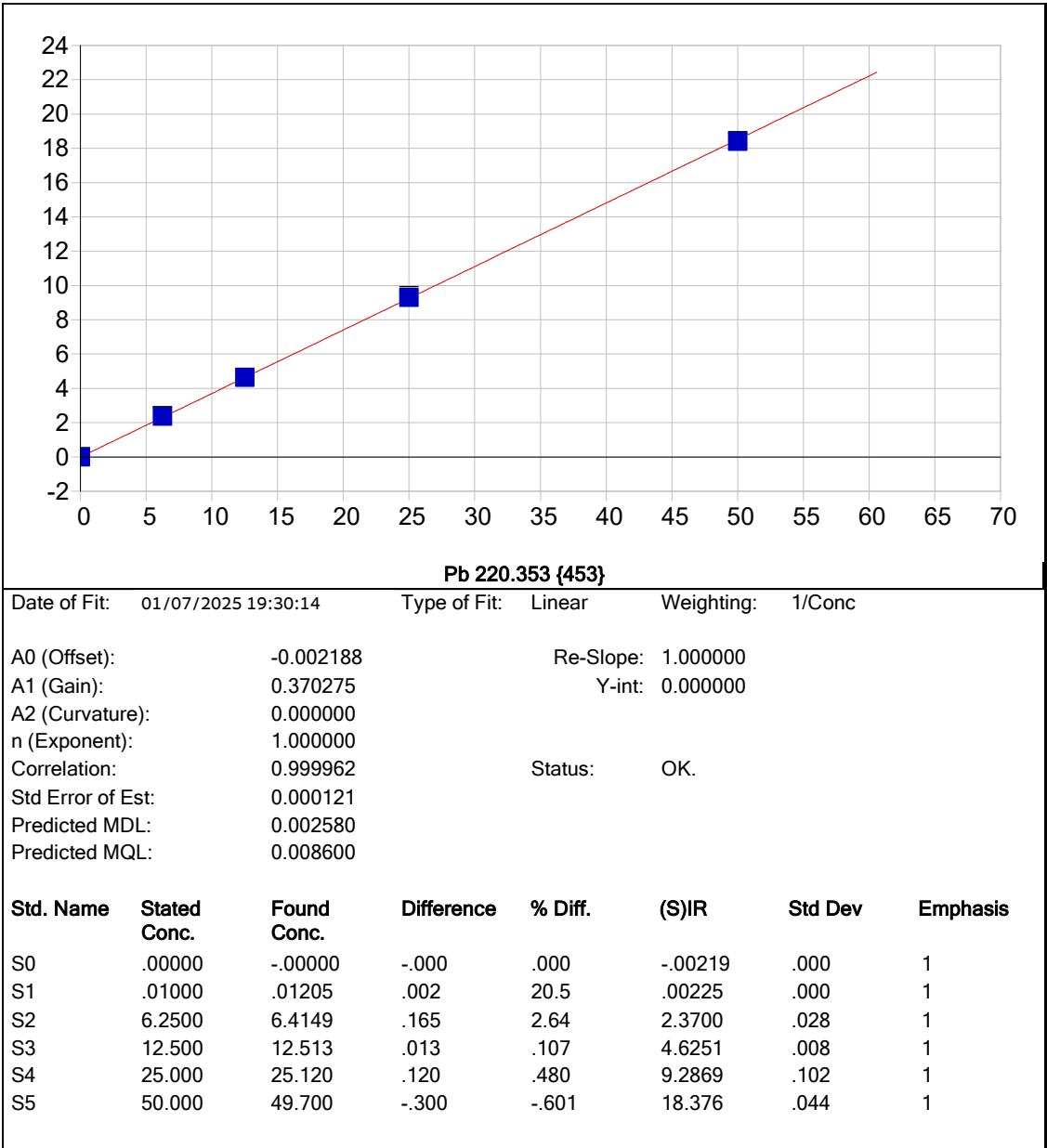
As 189.042 {478}

Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

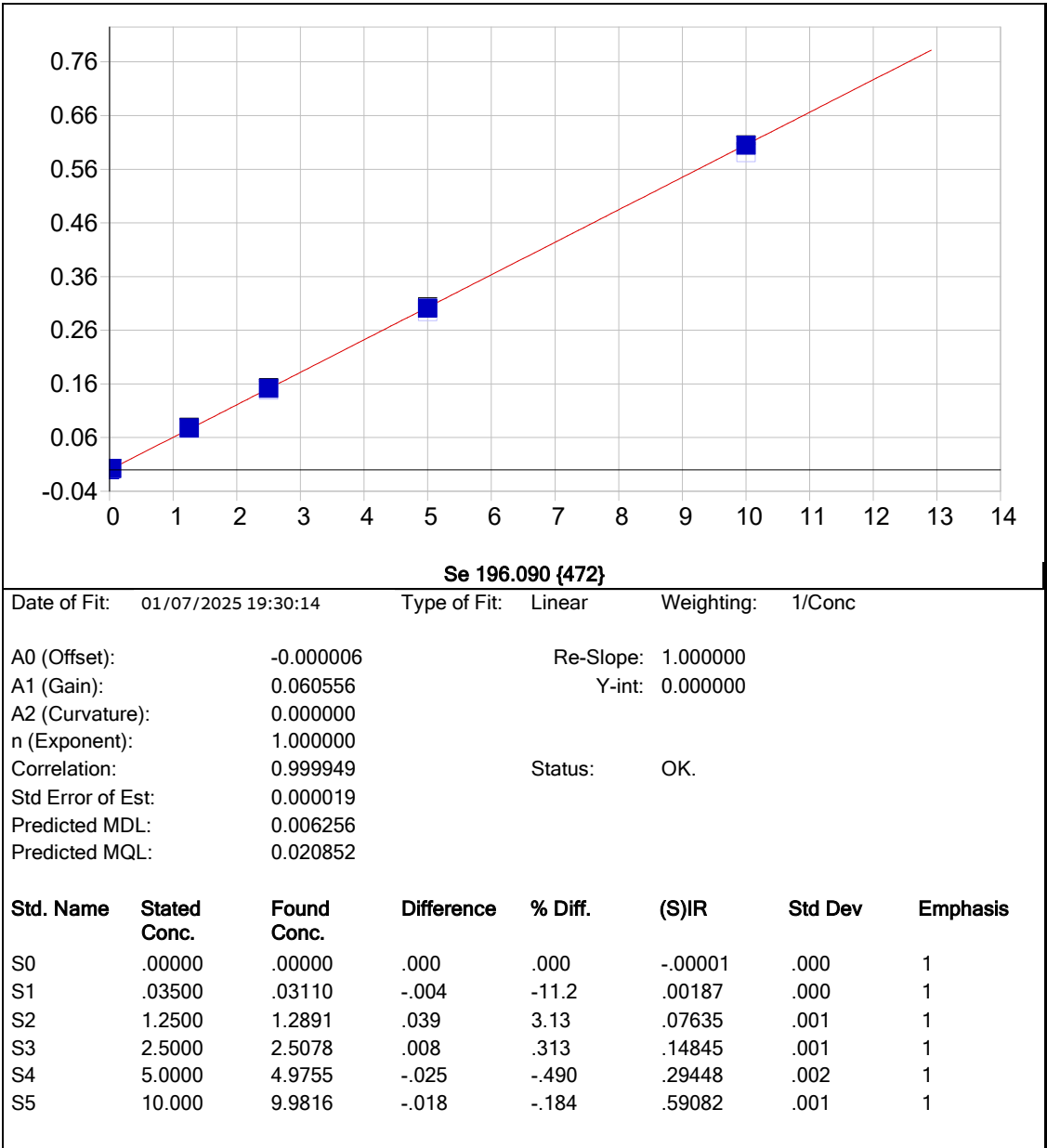
A0 (Offset): 1.213924 Re-Slope: 1.000000
A1 (Gain): 197.839859 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999409 Status: OK.
Std Error of Est: 0.113644
Predicted MDL: 0.005464
Predicted MQL: 0.018212

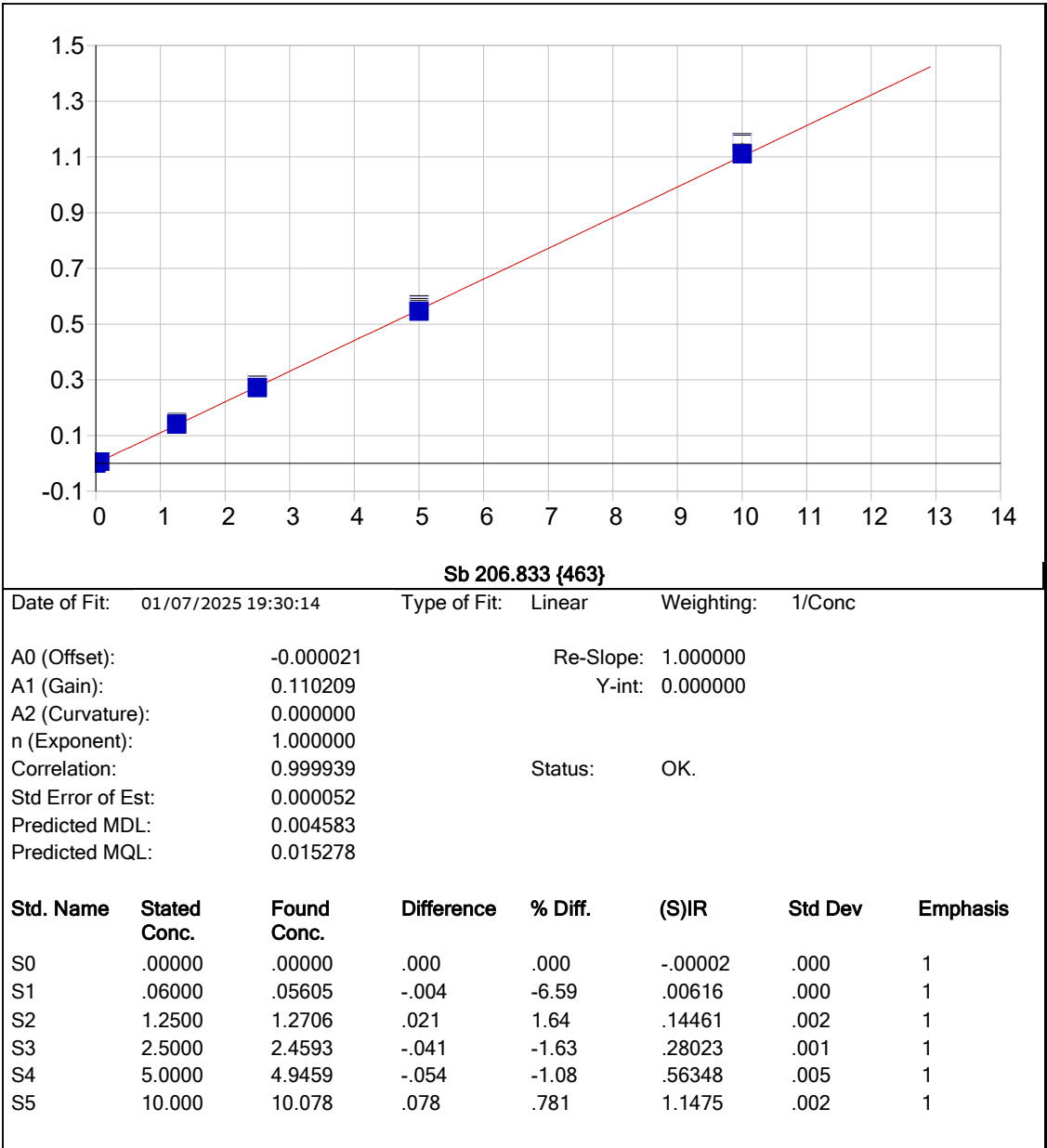
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	1.2139	.350	1
S1	.01000	.00893	-.001	-10.7	2.9789	.633	1
S2	1.2500	1.3520	.102	8.16	267.73	1.58	1
S3	2.5000	2.6463	.146	5.85	522.83	1.44	1
S4	5.0000	4.9739	-.026	-.523	981.39	3.63	1
S5	10.000	9.7789	-.221	-2.21	1928.2	6.54	1



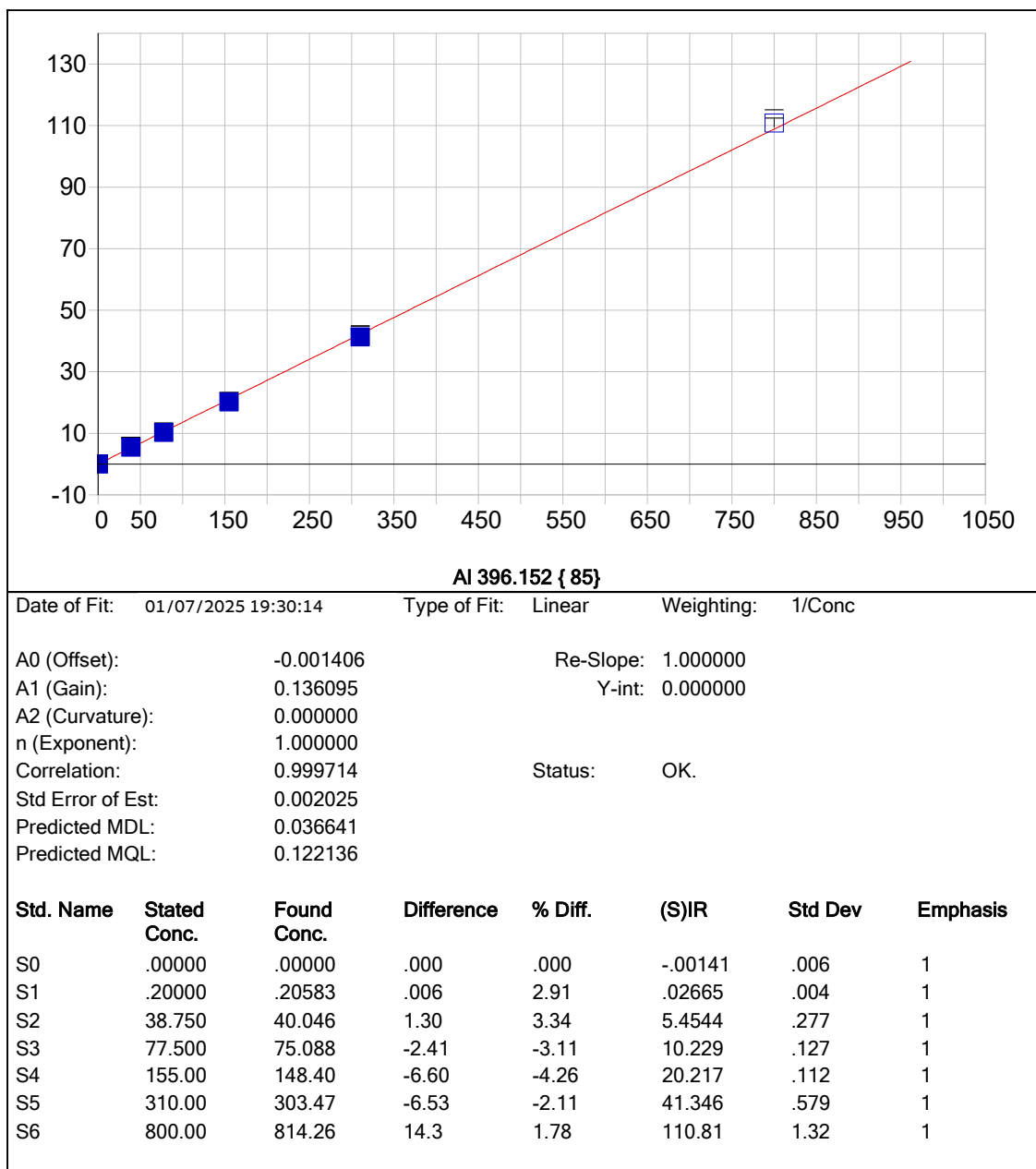


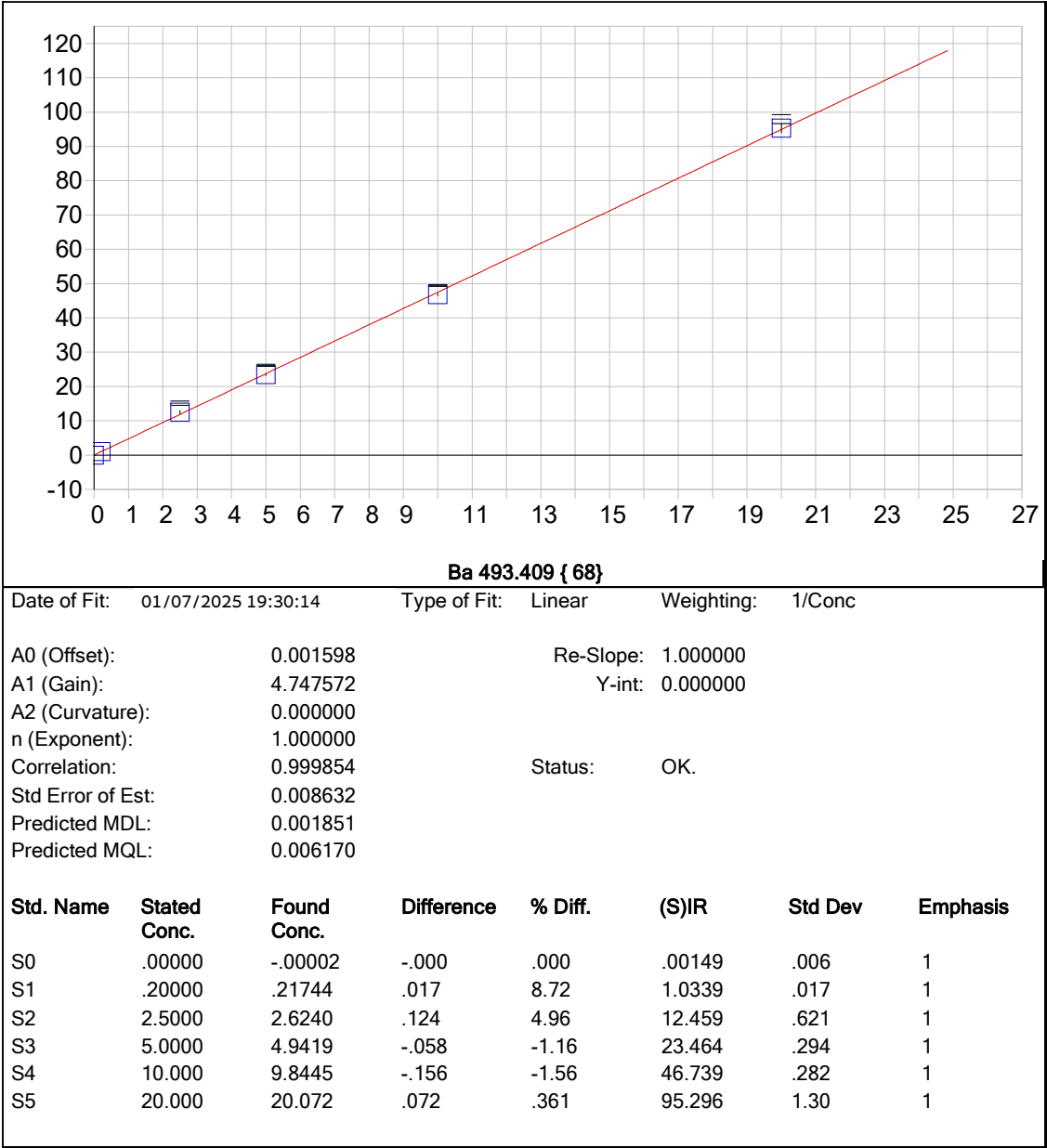
Date of Fit:	01/07/2025 19:30:14	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	-0.002188	Re-Slope:	1.000000		
A1 (Gain):	0.370275	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999962	Status:	OK.		
Std Error of Est:	0.000121				
Predicted MDL:	0.002580				
Predicted MQL:	0.008600				

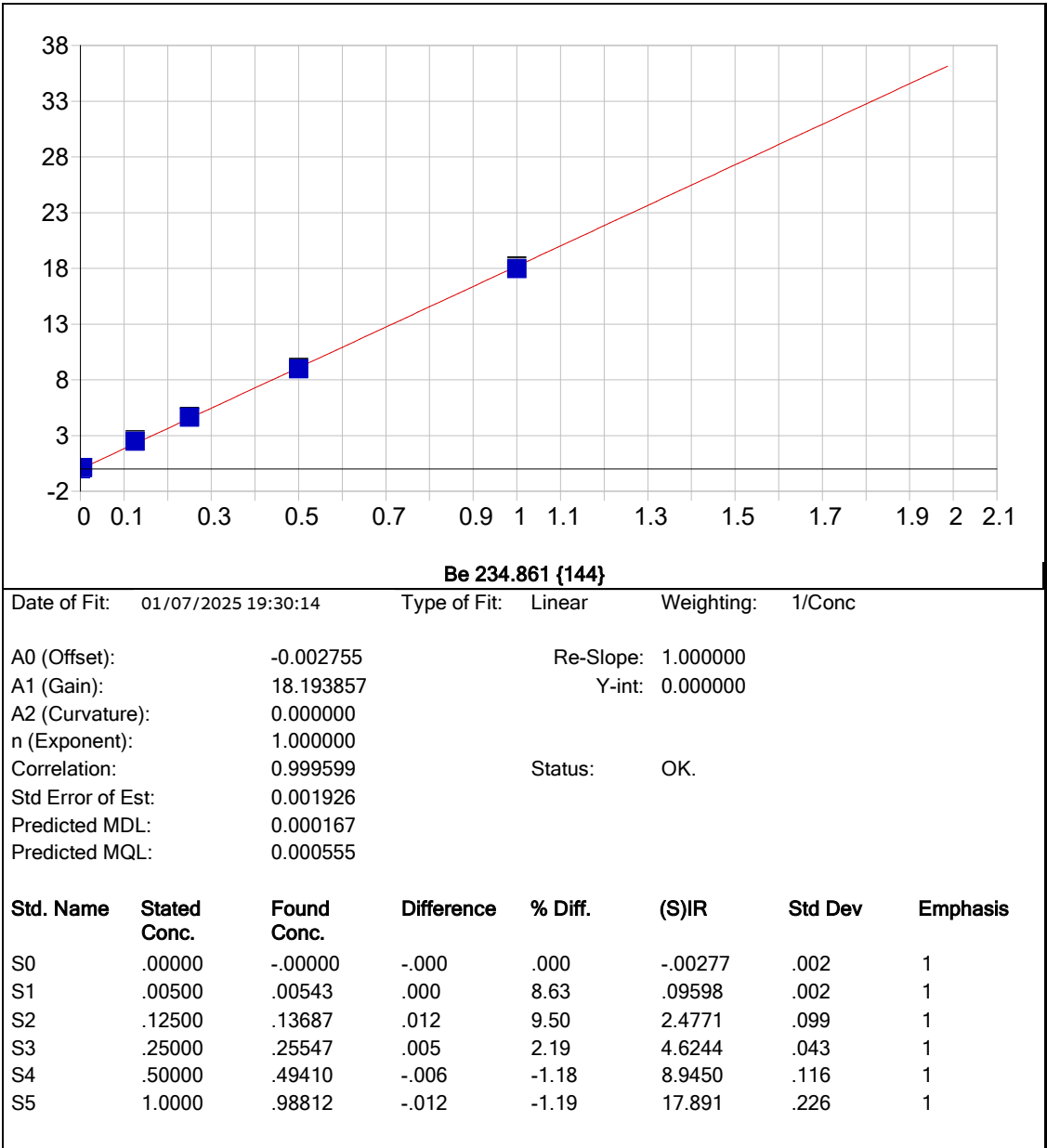


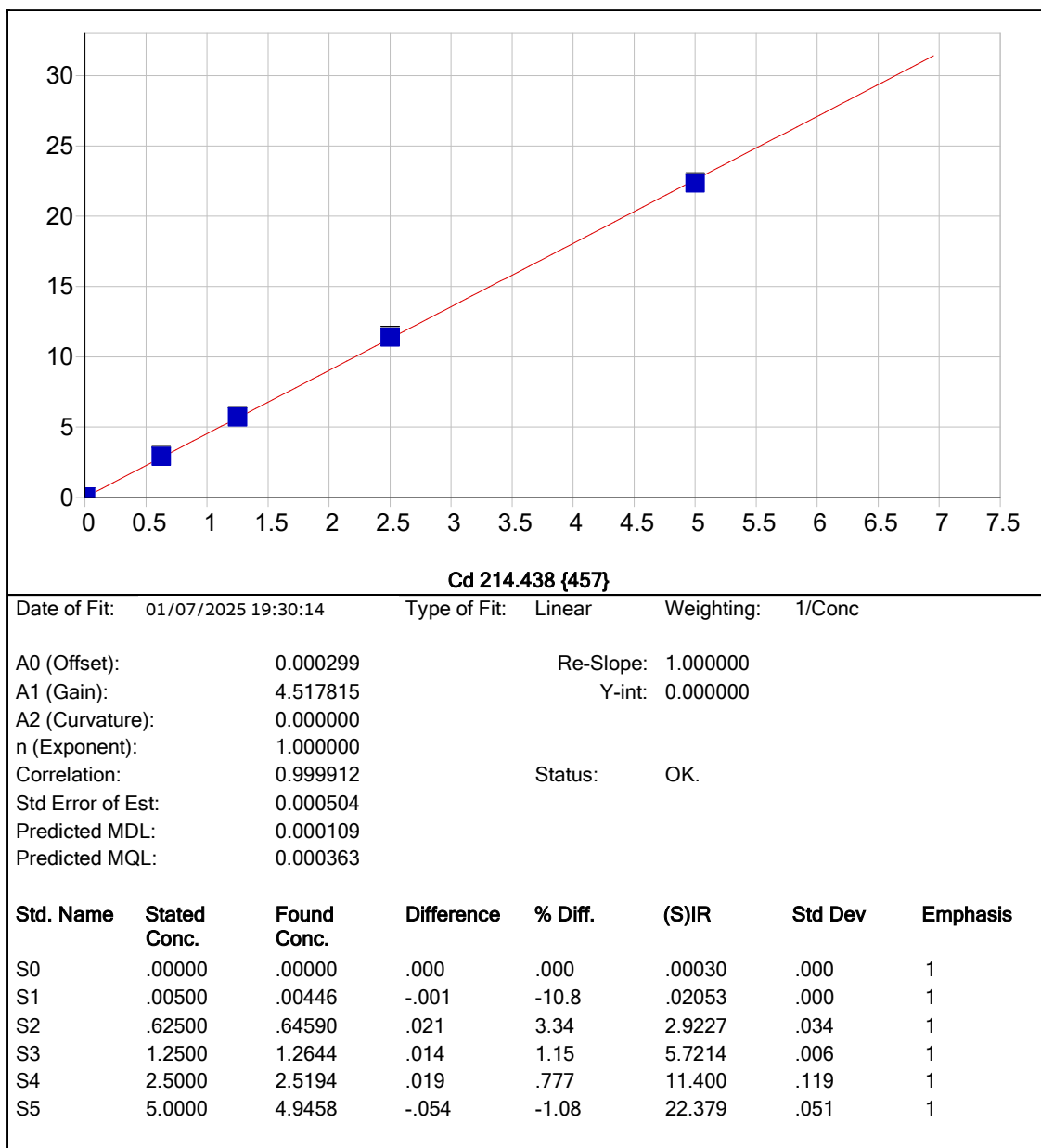


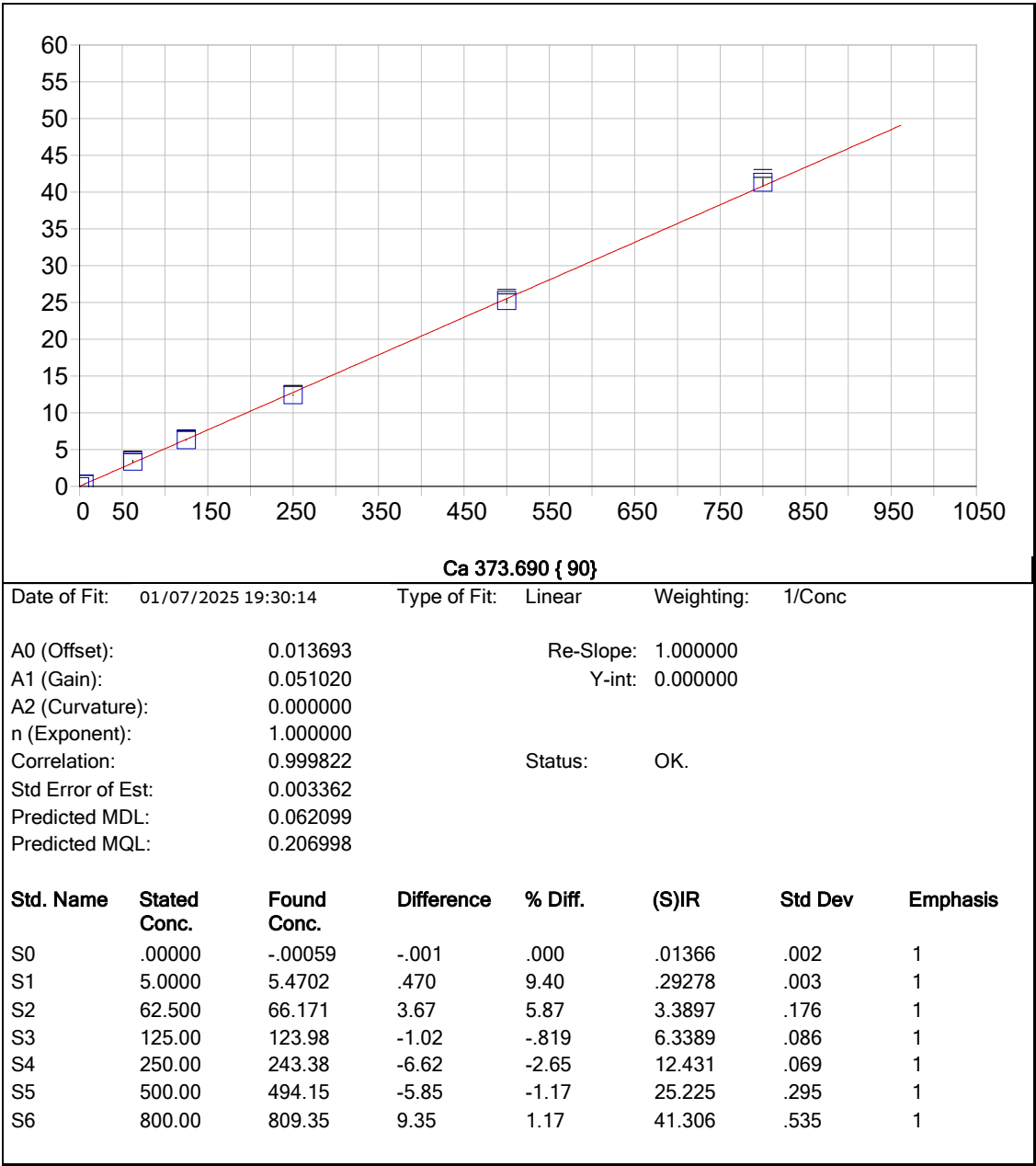
Date of Fit:		01/07/2025 19:30:14		Type of Fit:	Linear		Weighting:		1/Conc	
A0 (Offset):		-0.000021			Re-Slope:		1.000000			
A1 (Gain):		0.110209			Y-int:		0.000000			
A2 (Curvature):		0.000000								
n (Exponent):		1.000000								
Correlation:		0.999939			Status:		OK.			
Std Error of Est:		0.000052								
Predicted MDL:		0.004583								
Predicted MQL:		0.015278								
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis			
S0	.00000	.00000	.000	.000	-.00002	.000	1			
S1	.06000	.05605	-.004	-6.59	.00616	.000	1			
S2	1.2500	1.2706	.021	1.64	.14461	.002	1			
S3	2.5000	2.4593	-.041	-1.63	.28023	.001	1			
S4	5.0000	4.9459	-.054	-1.08	.56348	.005	1			
S5	10.000	10.078	.078	.781	1.1475	.002	1			

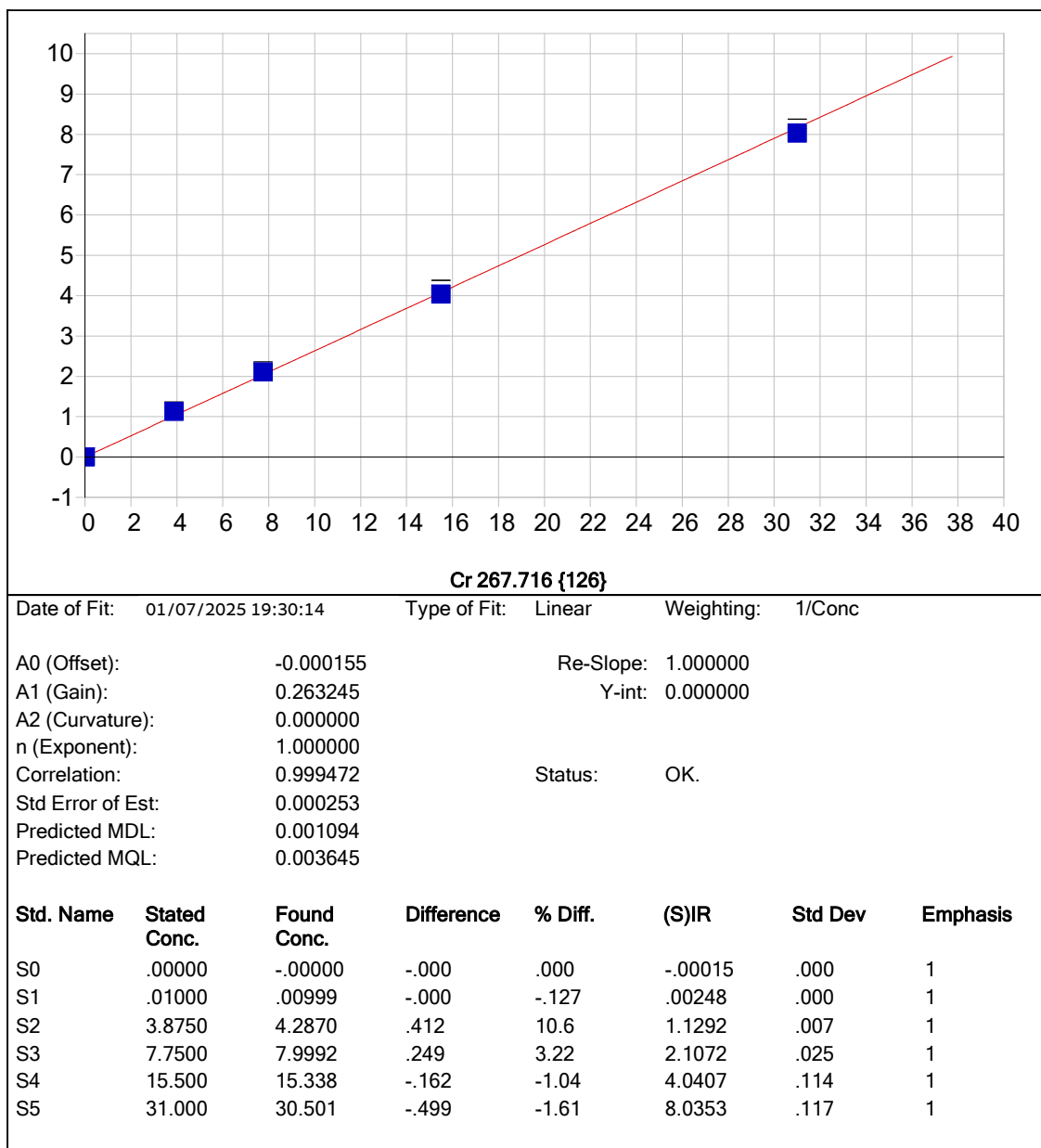


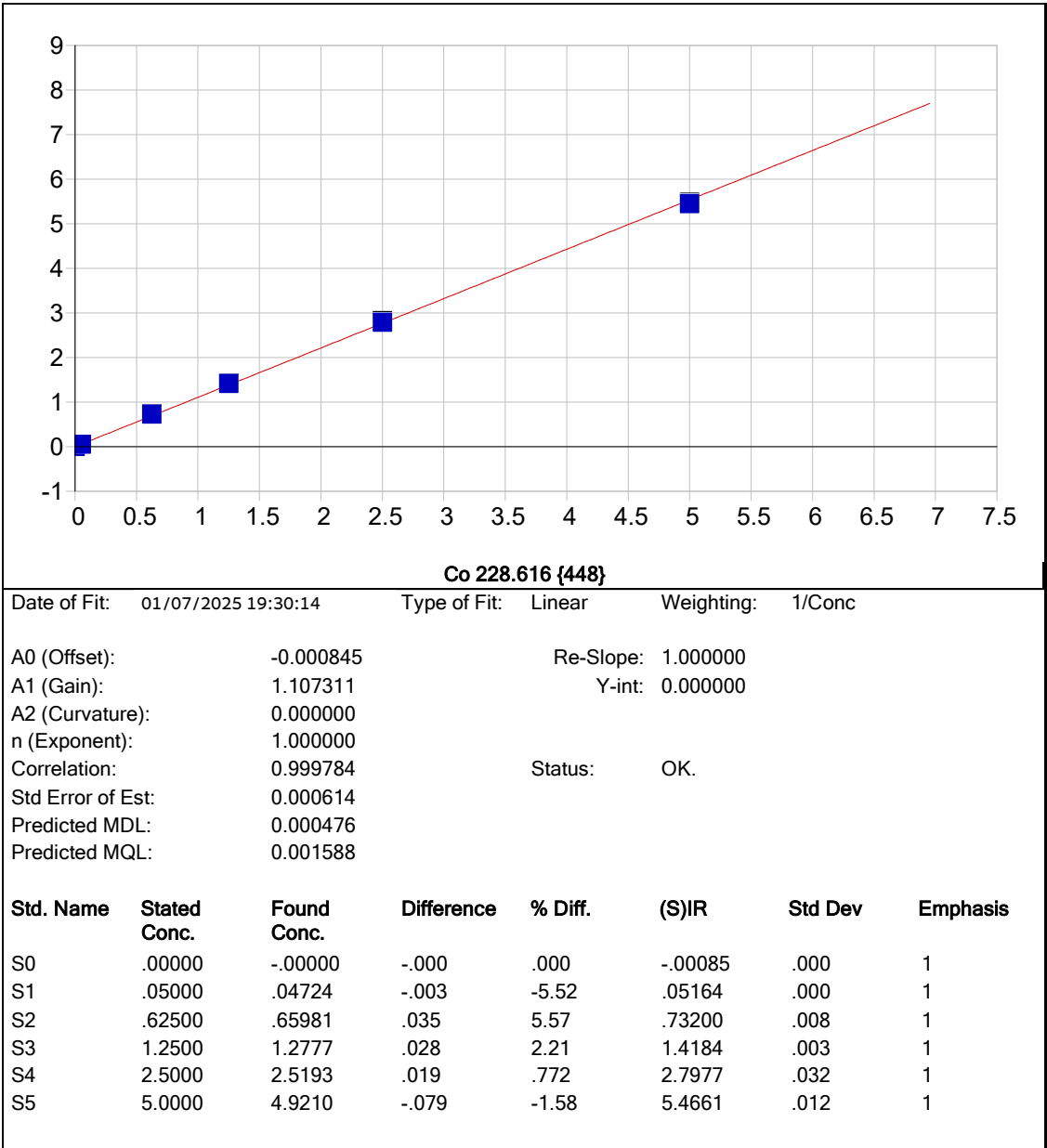


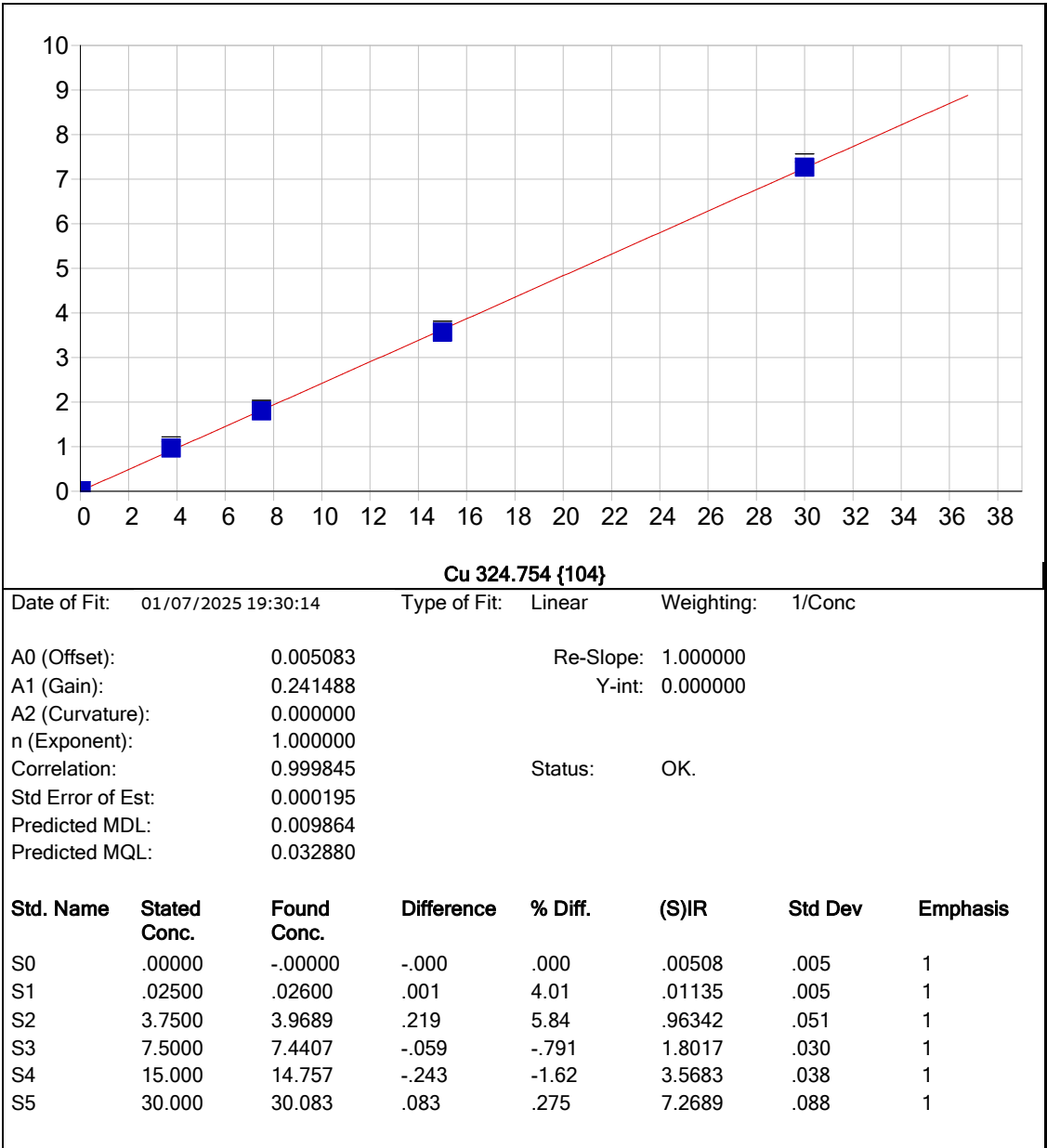






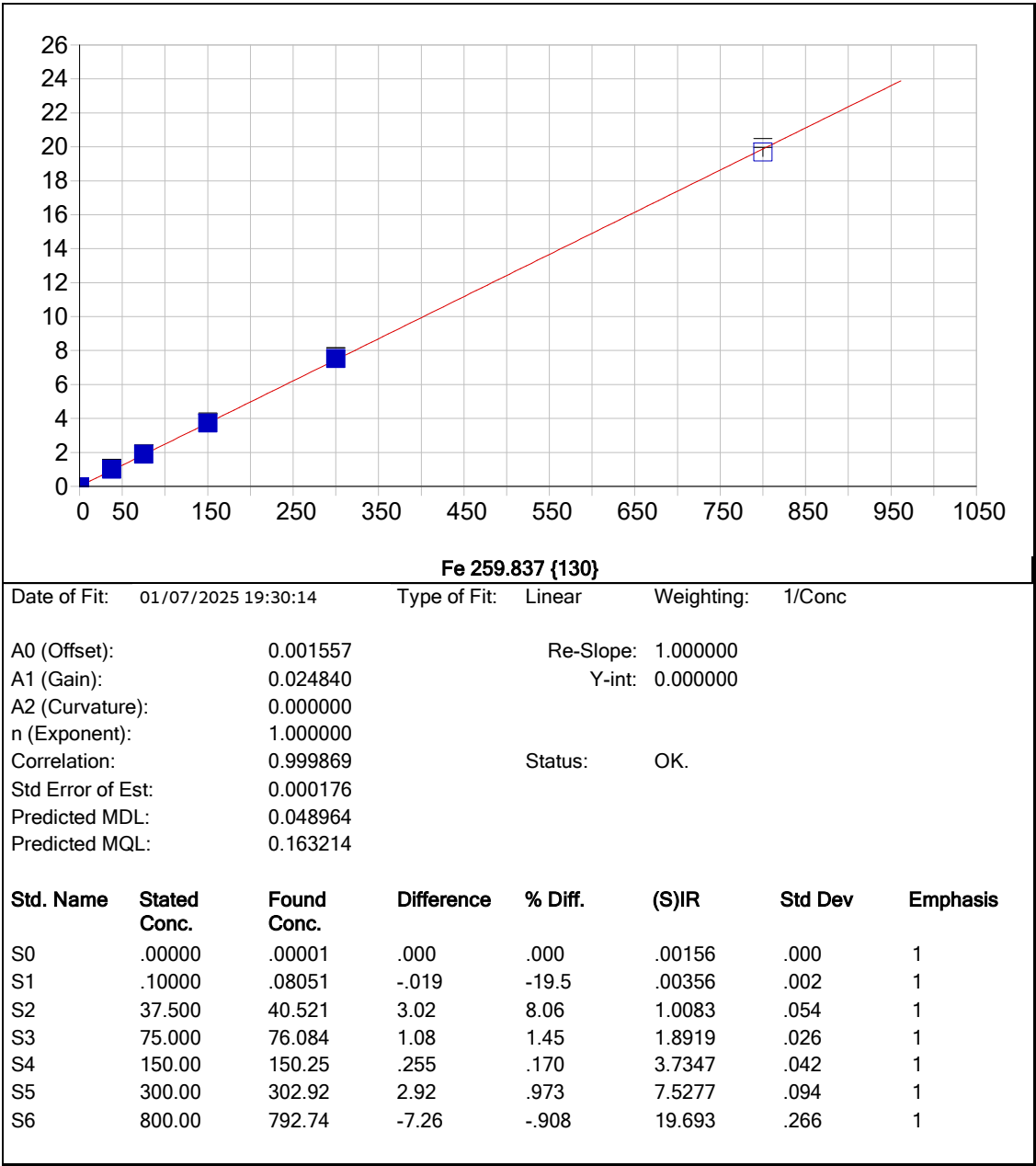






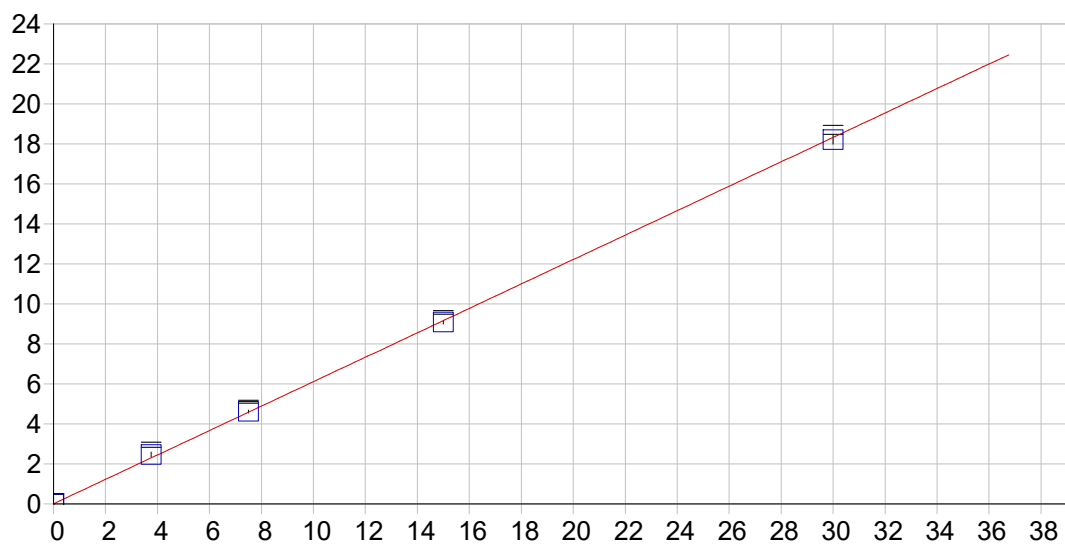
Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005083 Re-Slope: 1.000000
A1 (Gain): 0.241488 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999845 Status: OK.
Std Error of Est: 0.000195
Predicted MDL: 0.009864
Predicted MQL: 0.032880



Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001557 Re-Slope: 1.000000
A1 (Gain): 0.024840 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999869 Status: OK.
Std Error of Est: 0.000176
Predicted MDL: 0.048964
Predicted MQL: 0.163214

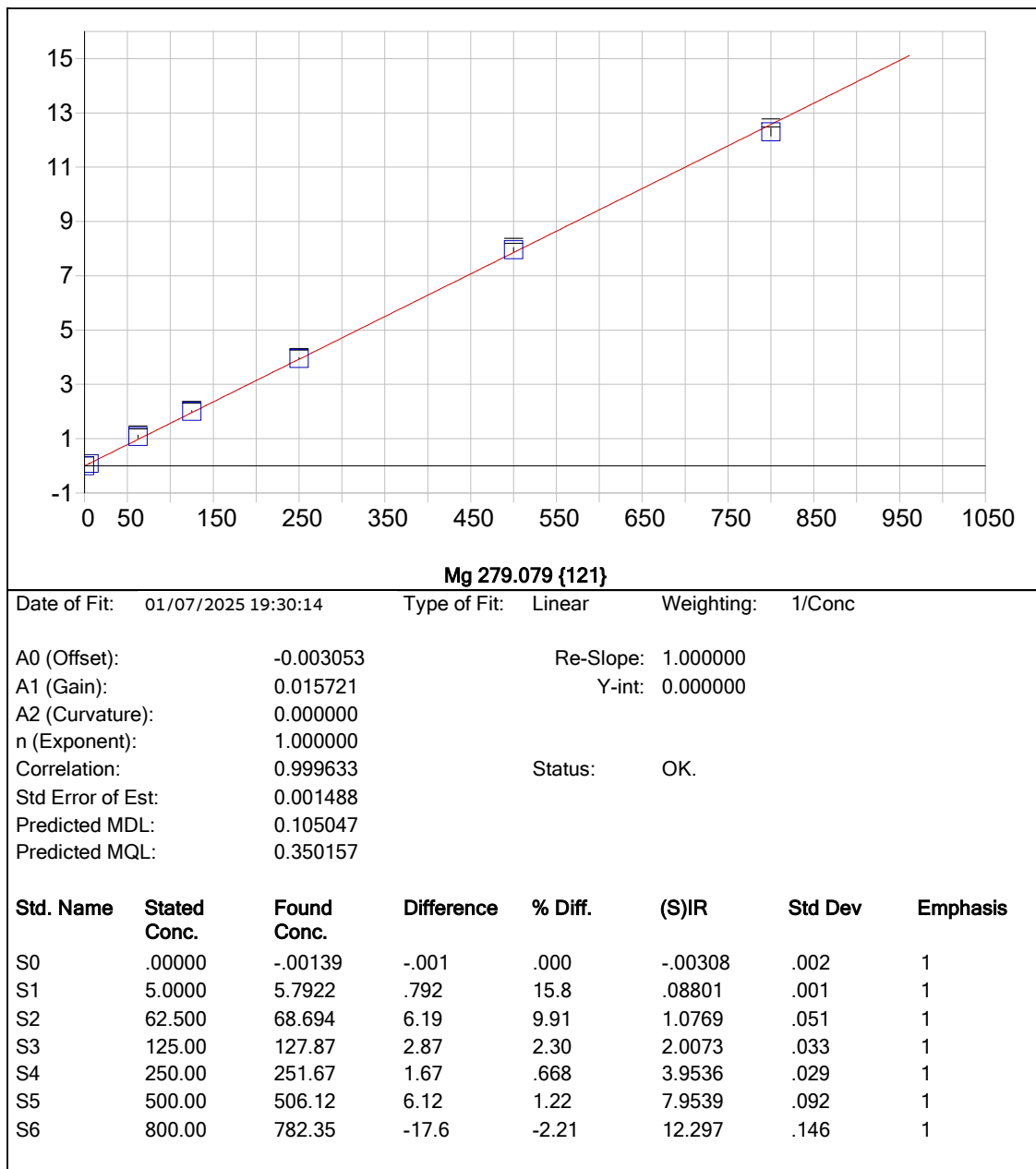


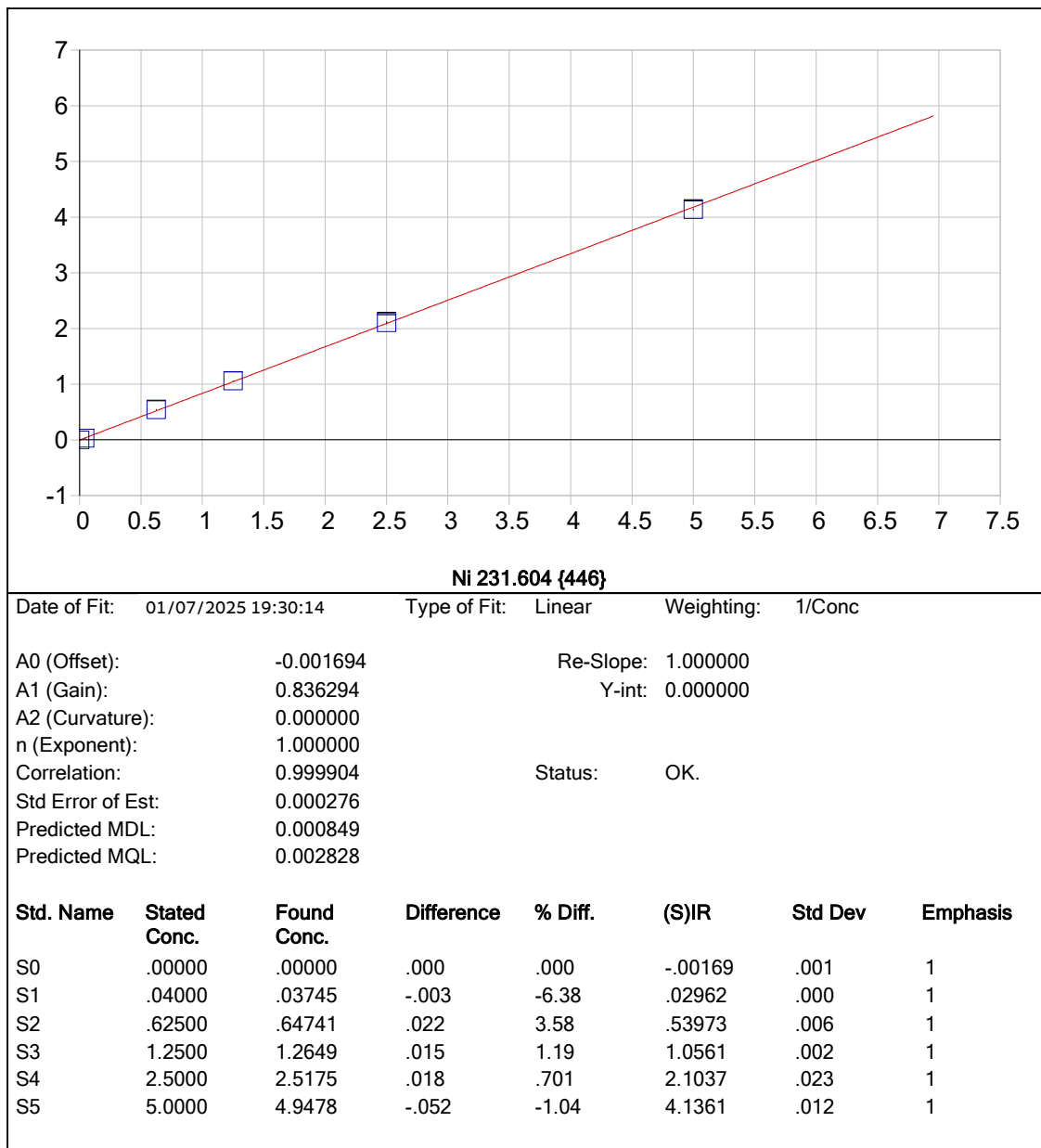
Mn 257.610 {131}

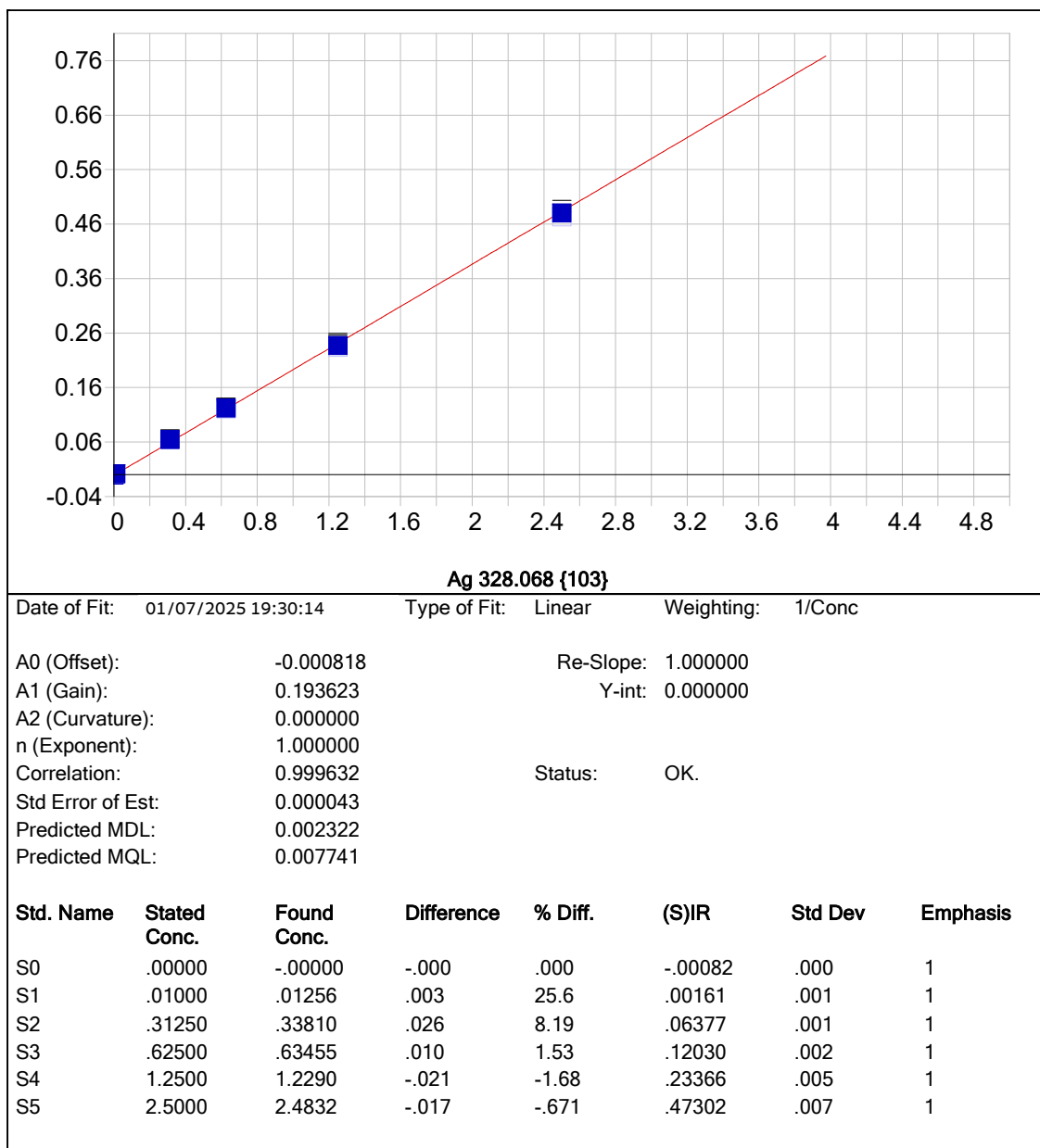
Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

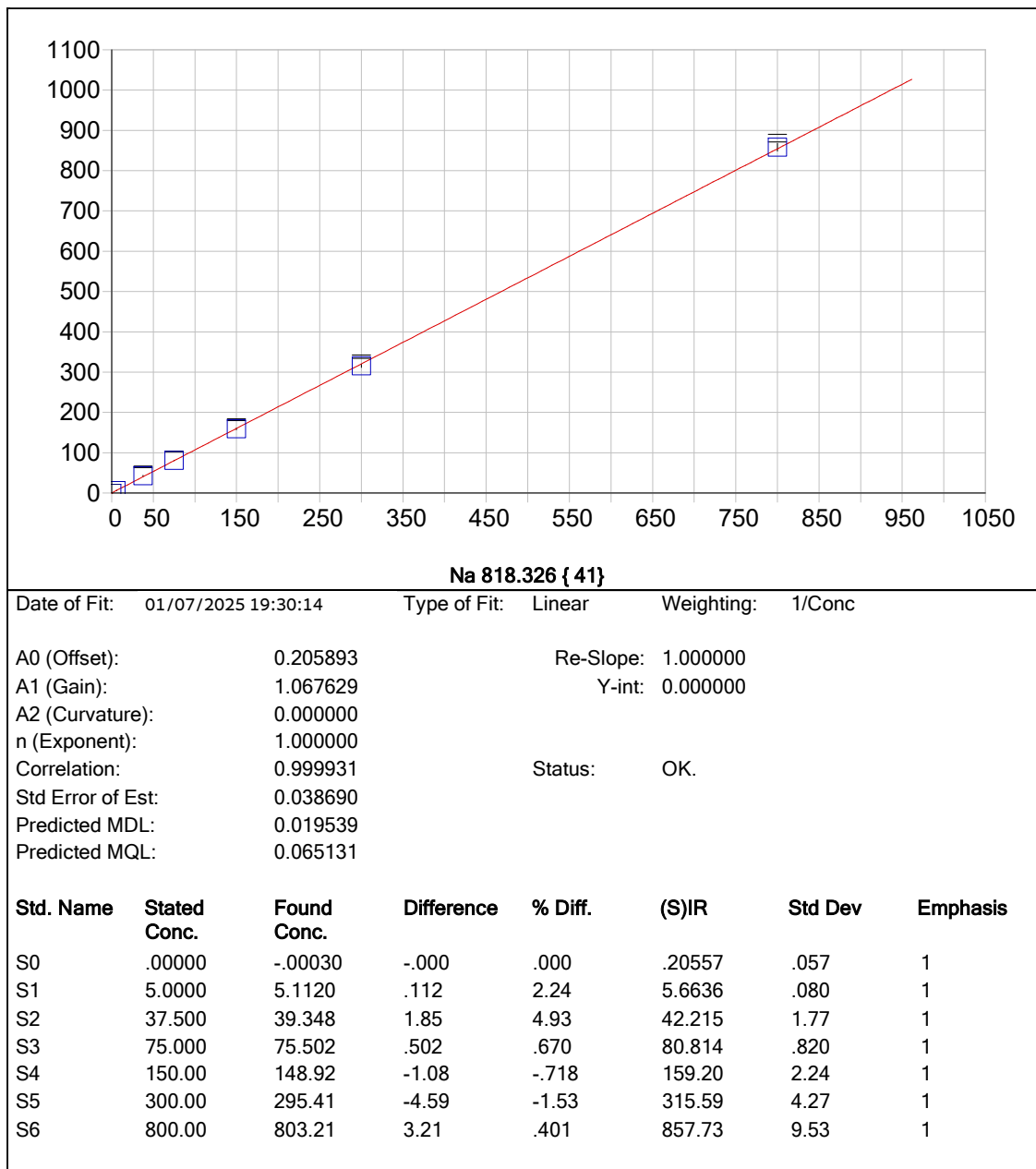
A0 (Offset): 0.004652 Re-Slope: 1.000000
A1 (Gain): 0.610738 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999788 Status: OK.
Std Error of Est: 0.000447
Predicted MDL: 0.002160
Predicted MQL: 0.007199

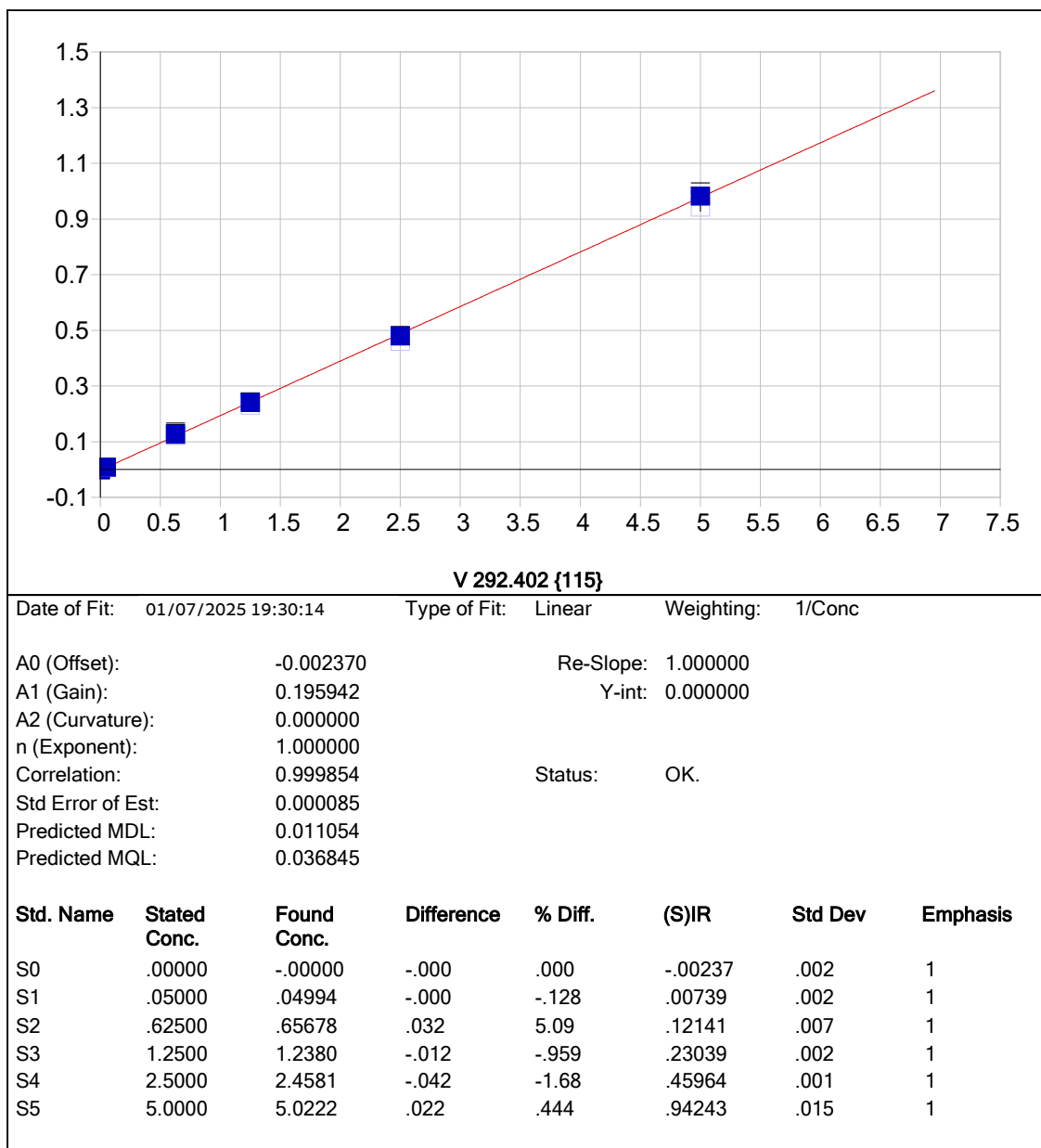
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00465	.001	1
S1	.01500	.01779	.003	18.6	.01552	.001	1
S2	3.7500	4.0267	.277	7.38	2.4639	.121	1
S3	7.5000	7.5537	.054	.716	4.6180	.067	1
S4	15.000	14.860	-.140	-.931	9.0805	.089	1
S5	30.000	29.806	-.194	-.645	18.209	.229	1

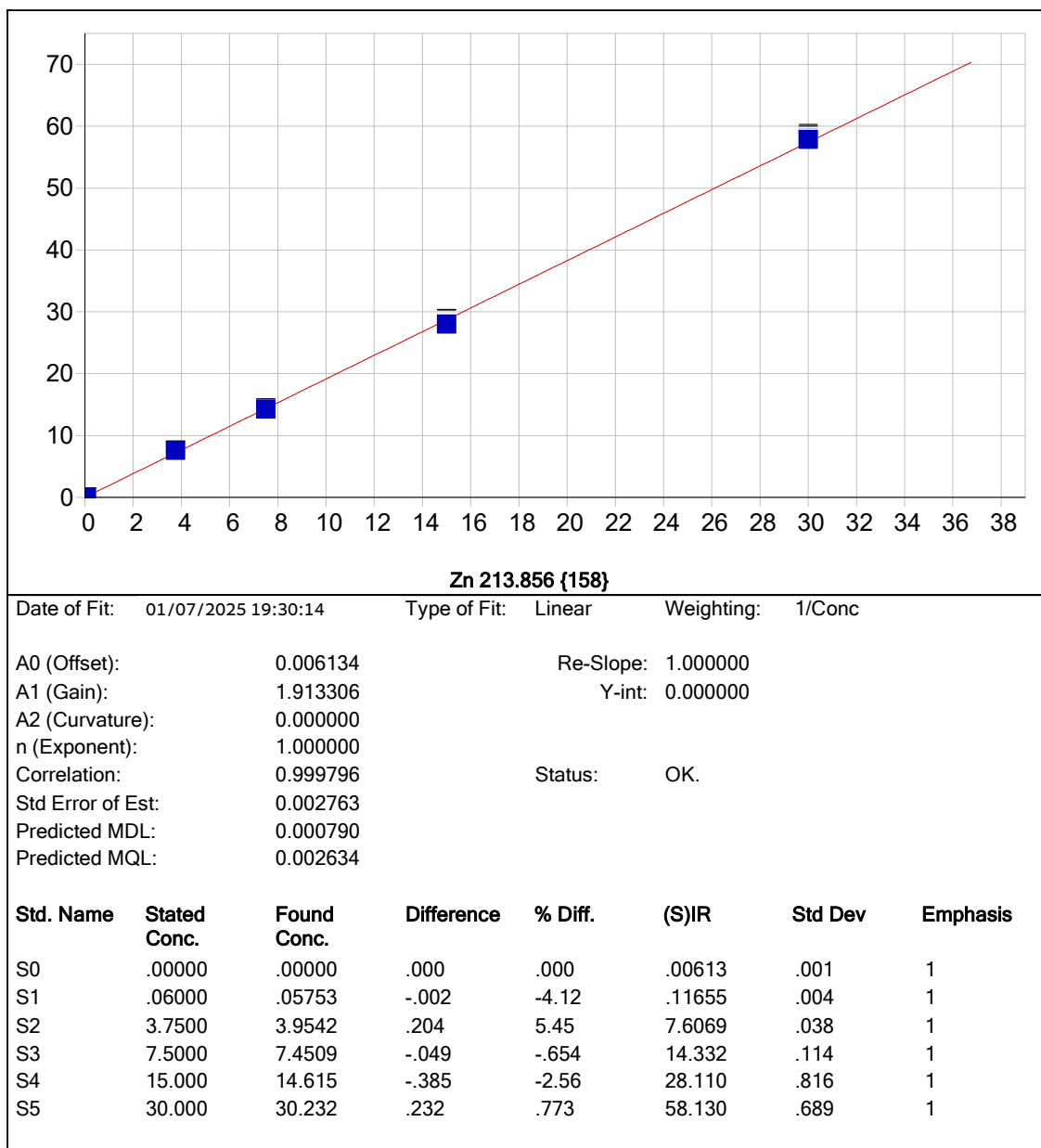


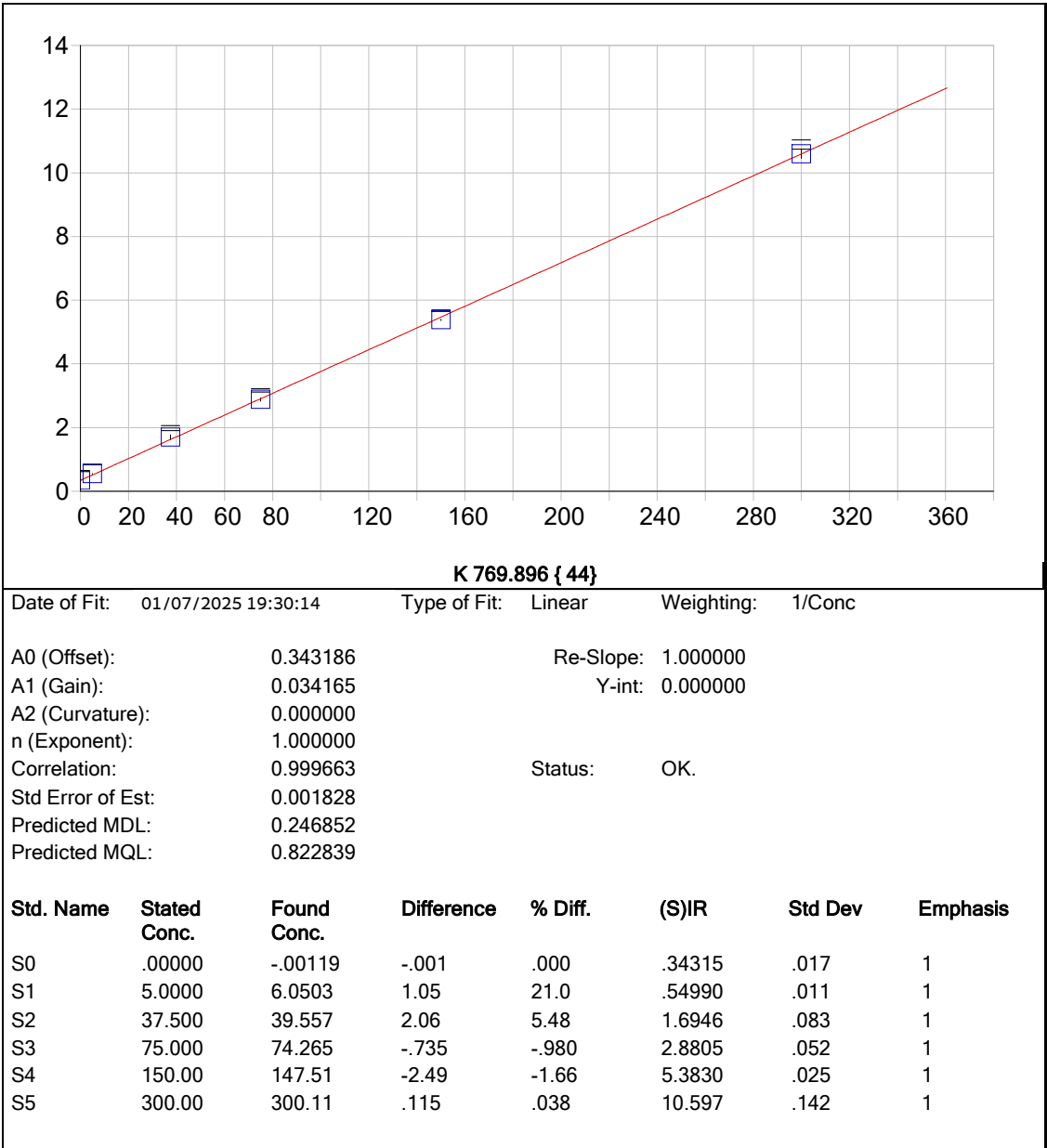


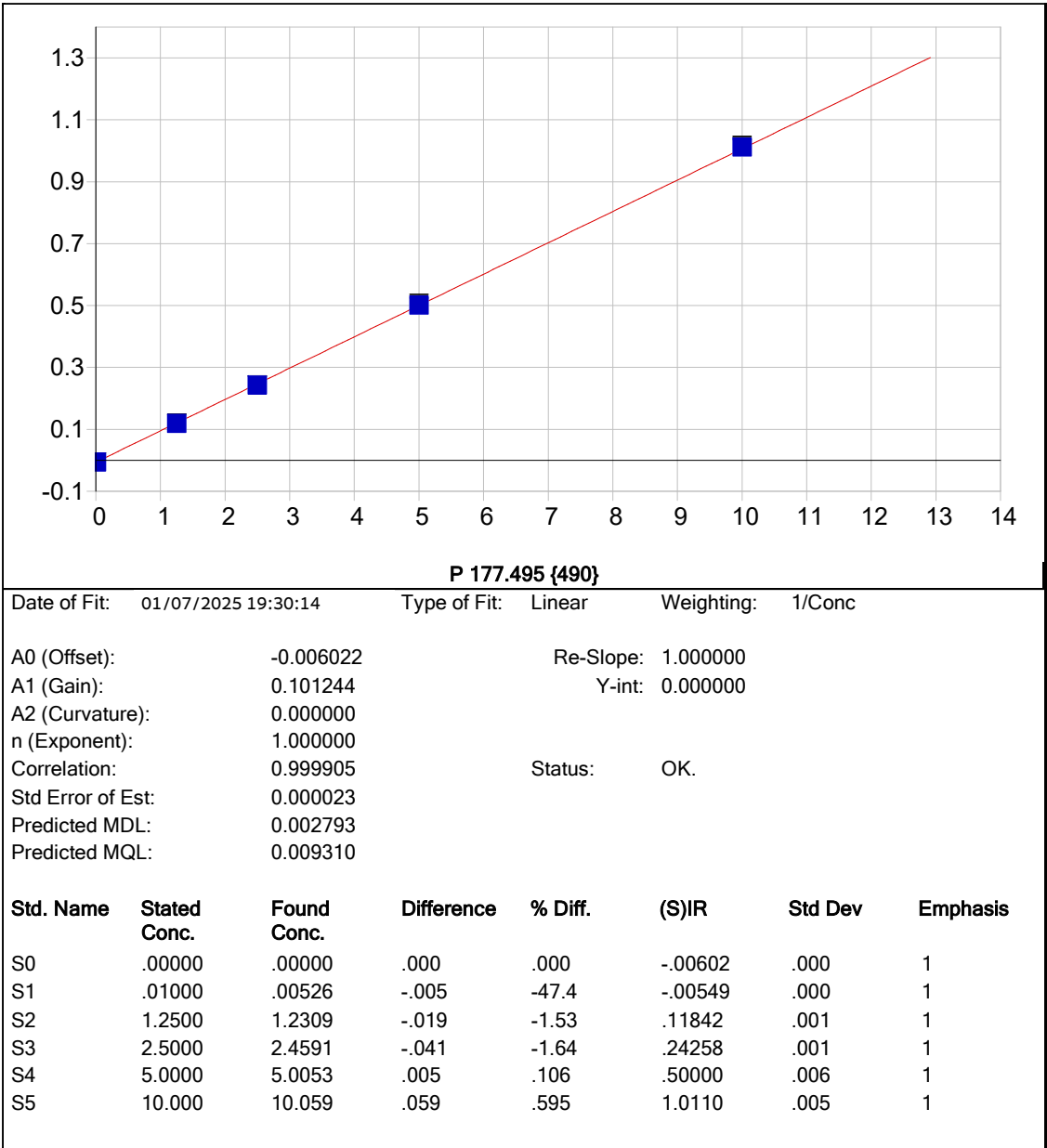


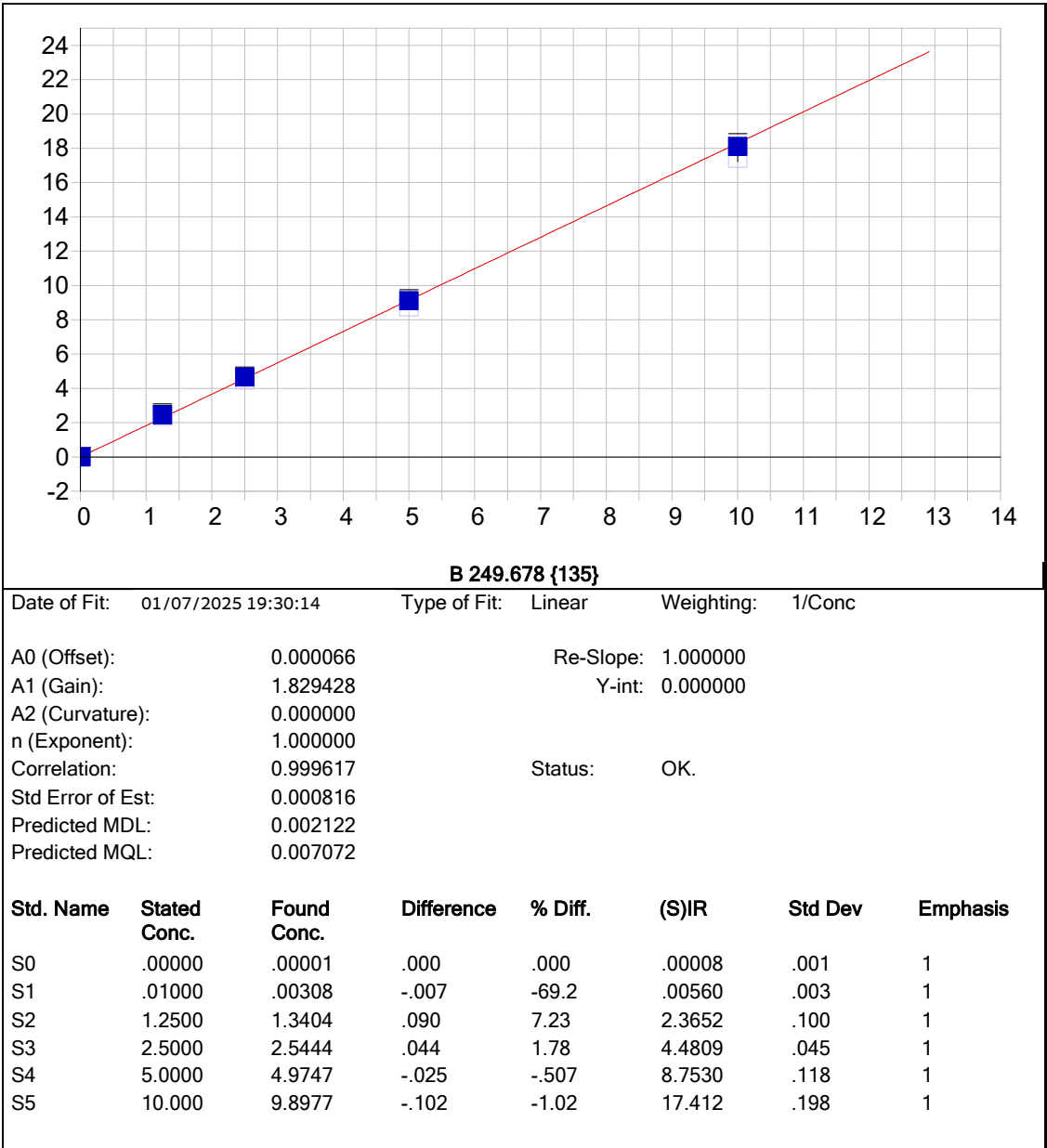


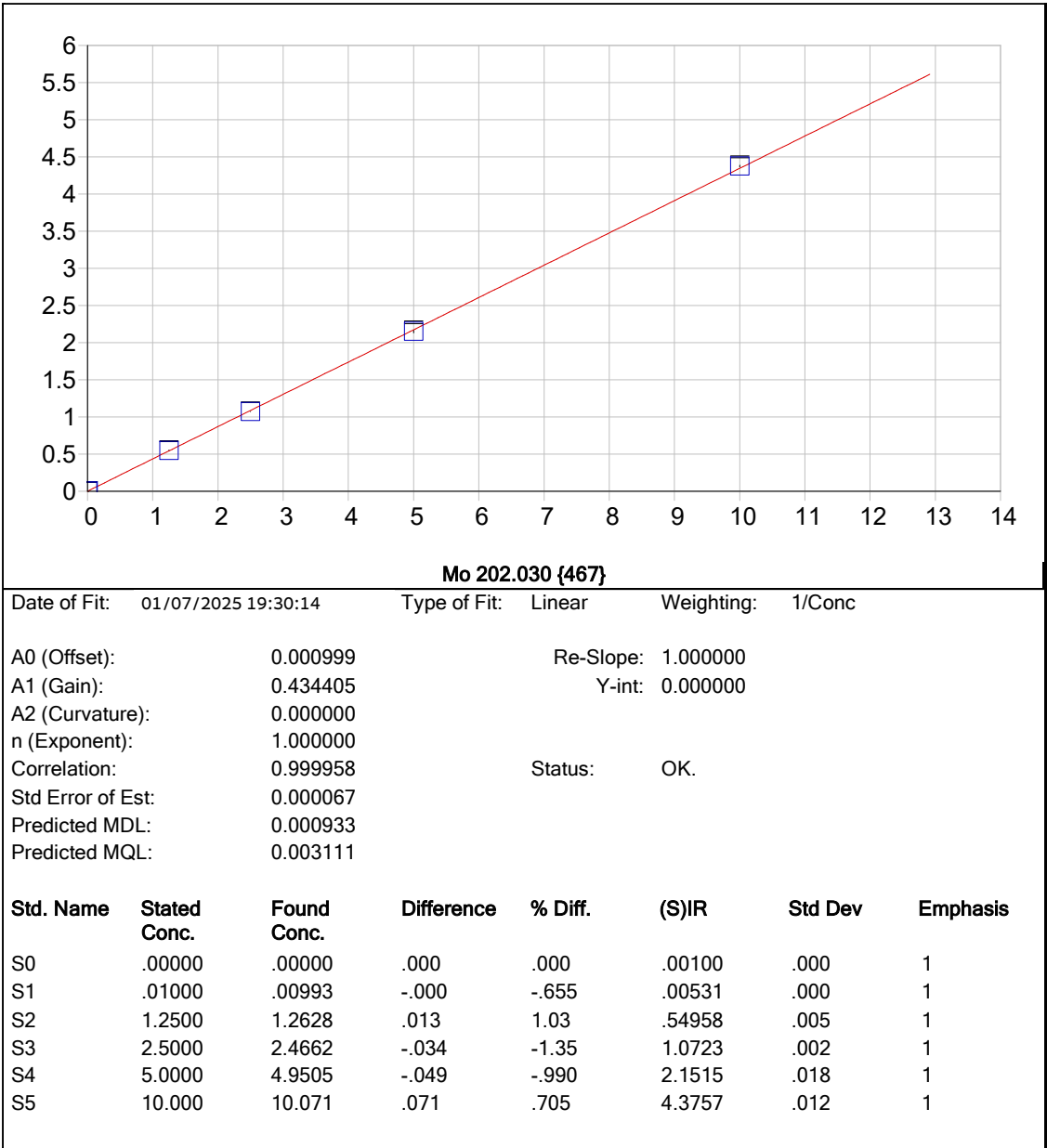


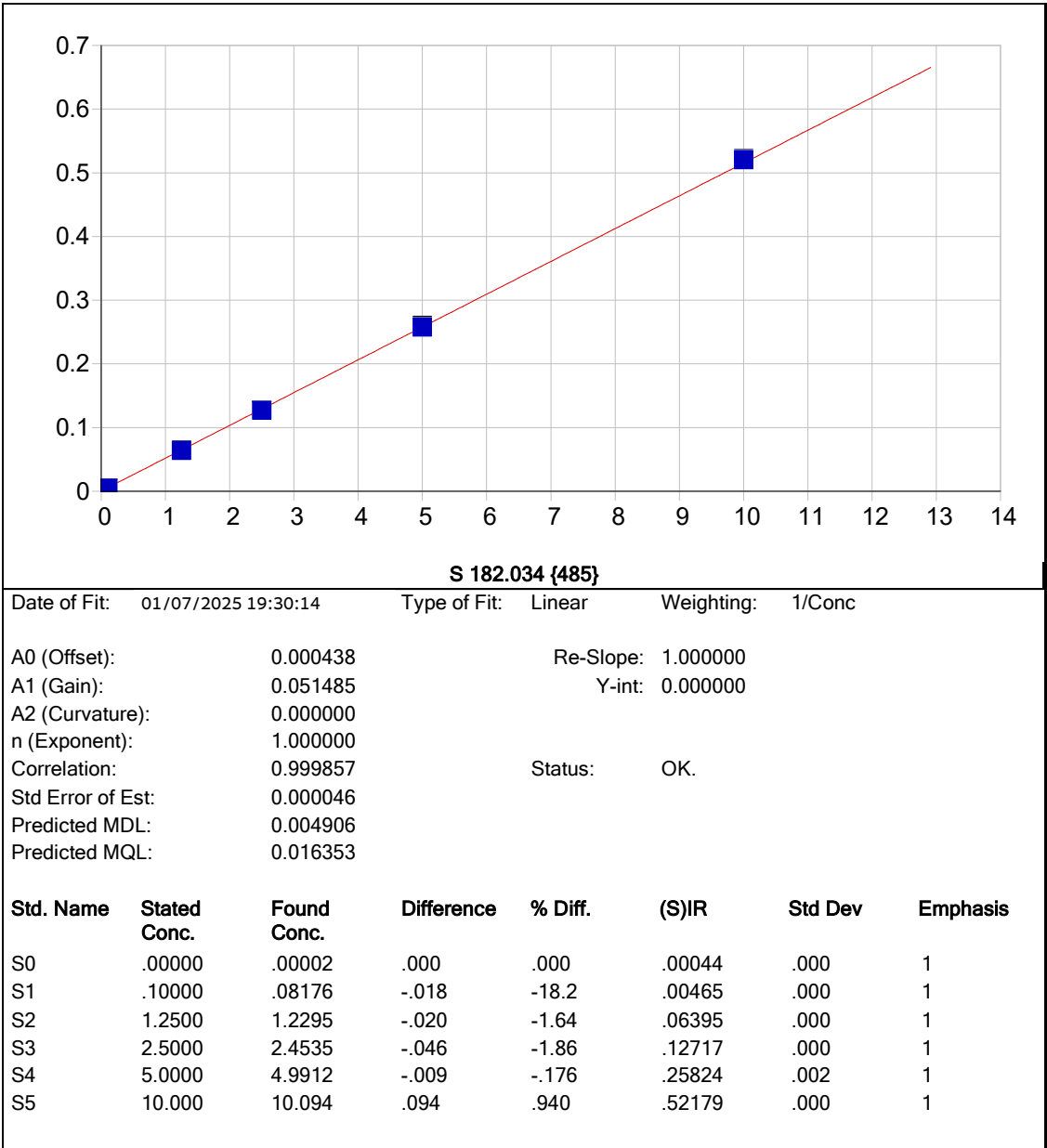


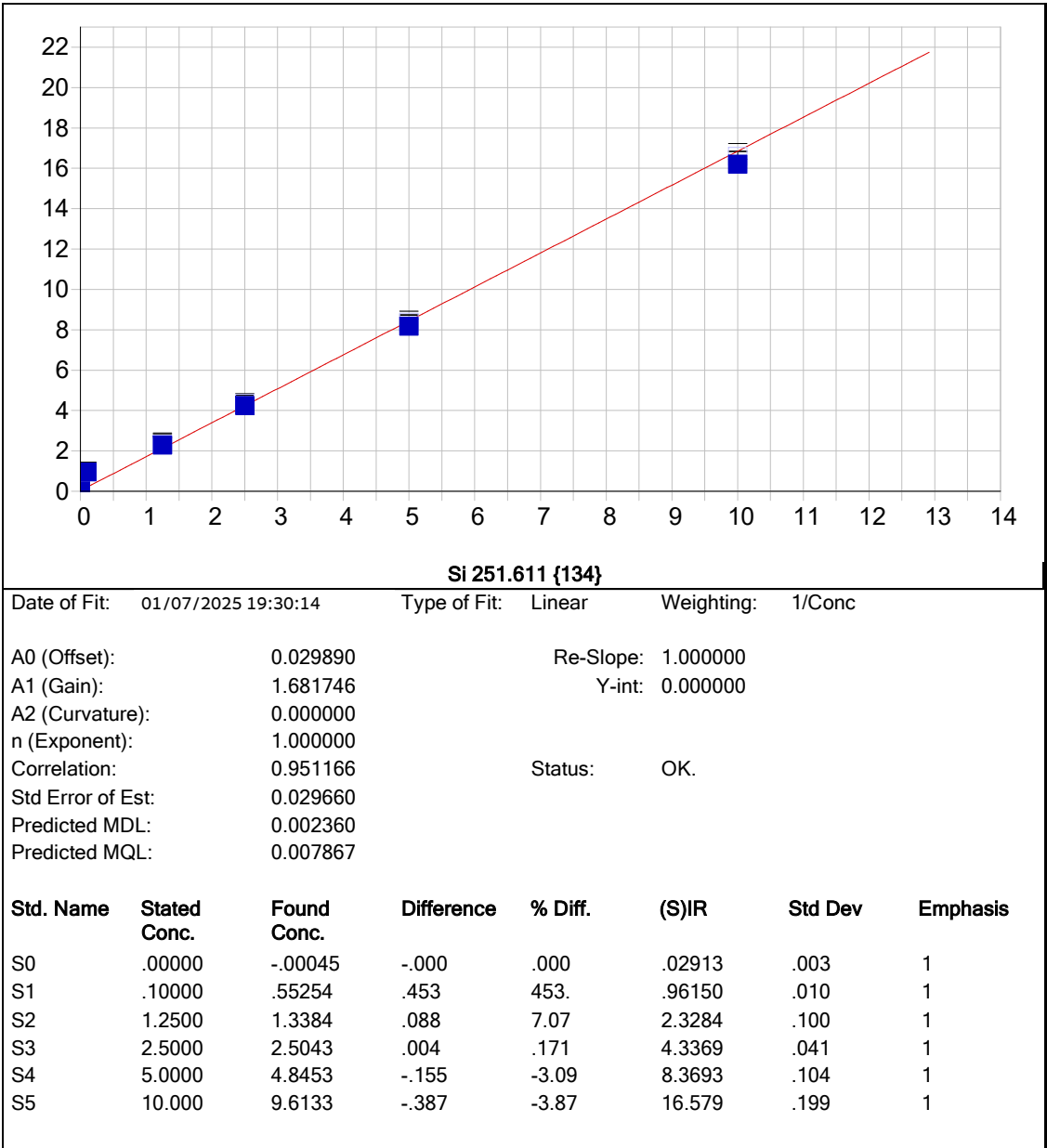






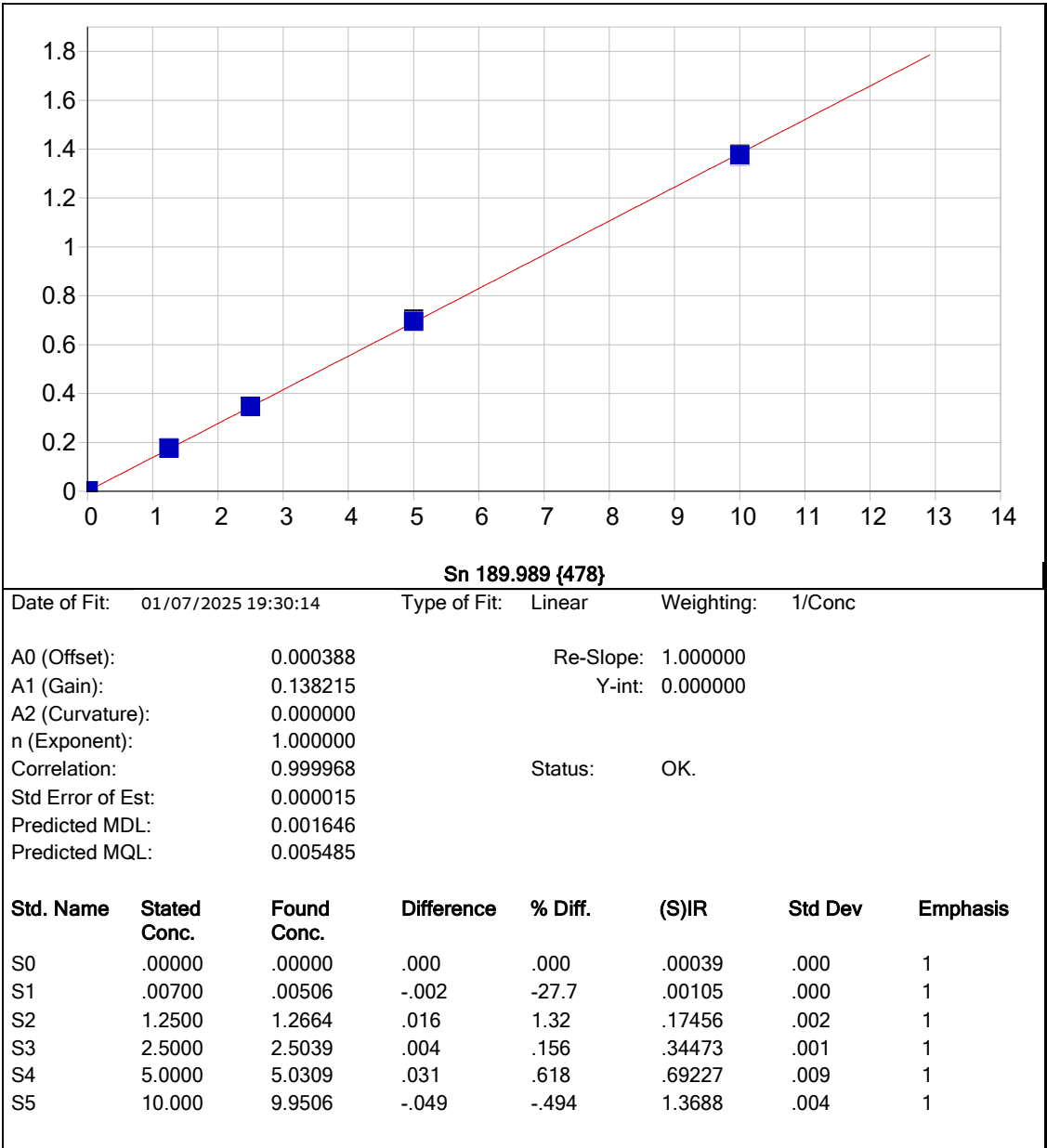


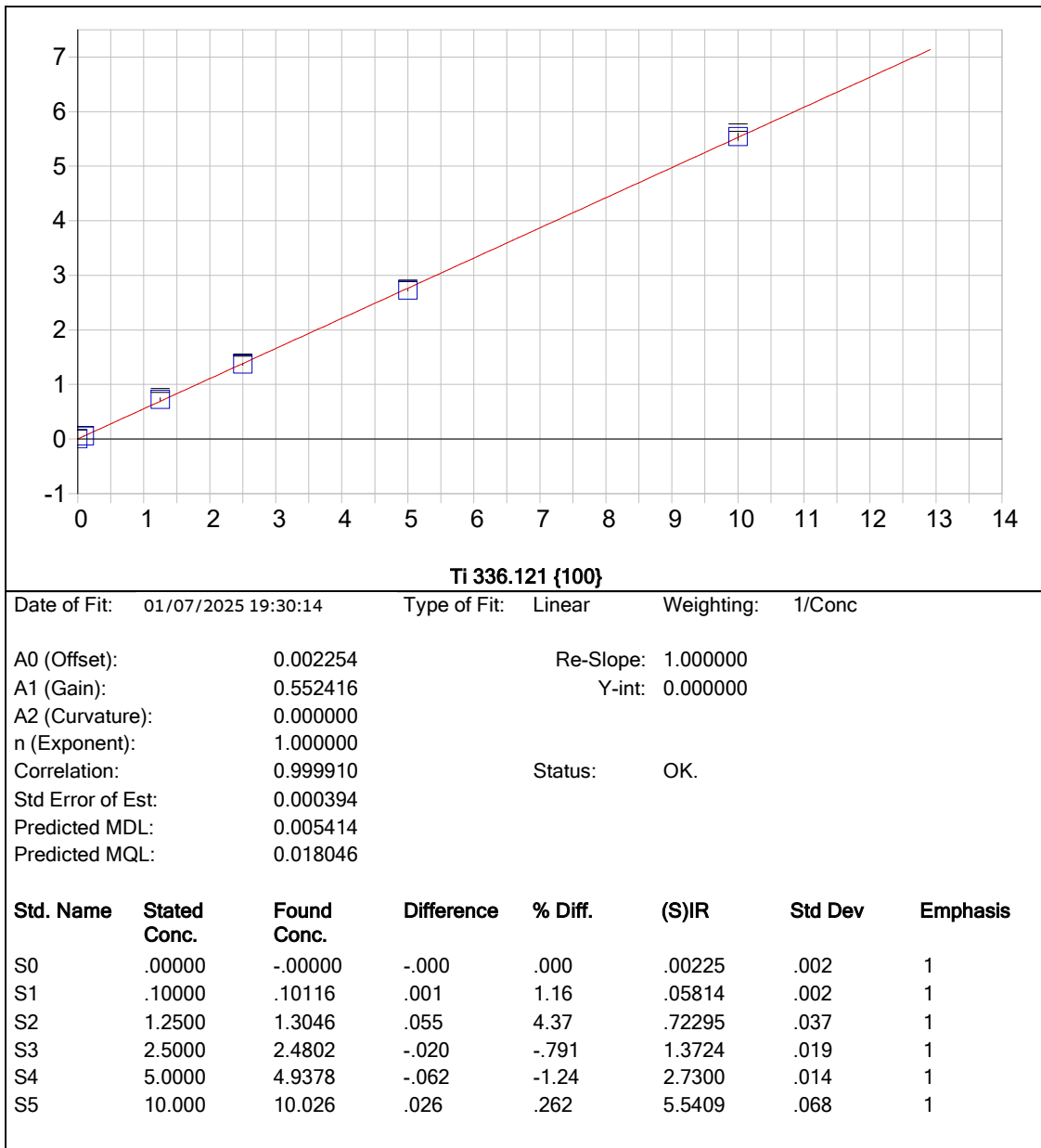


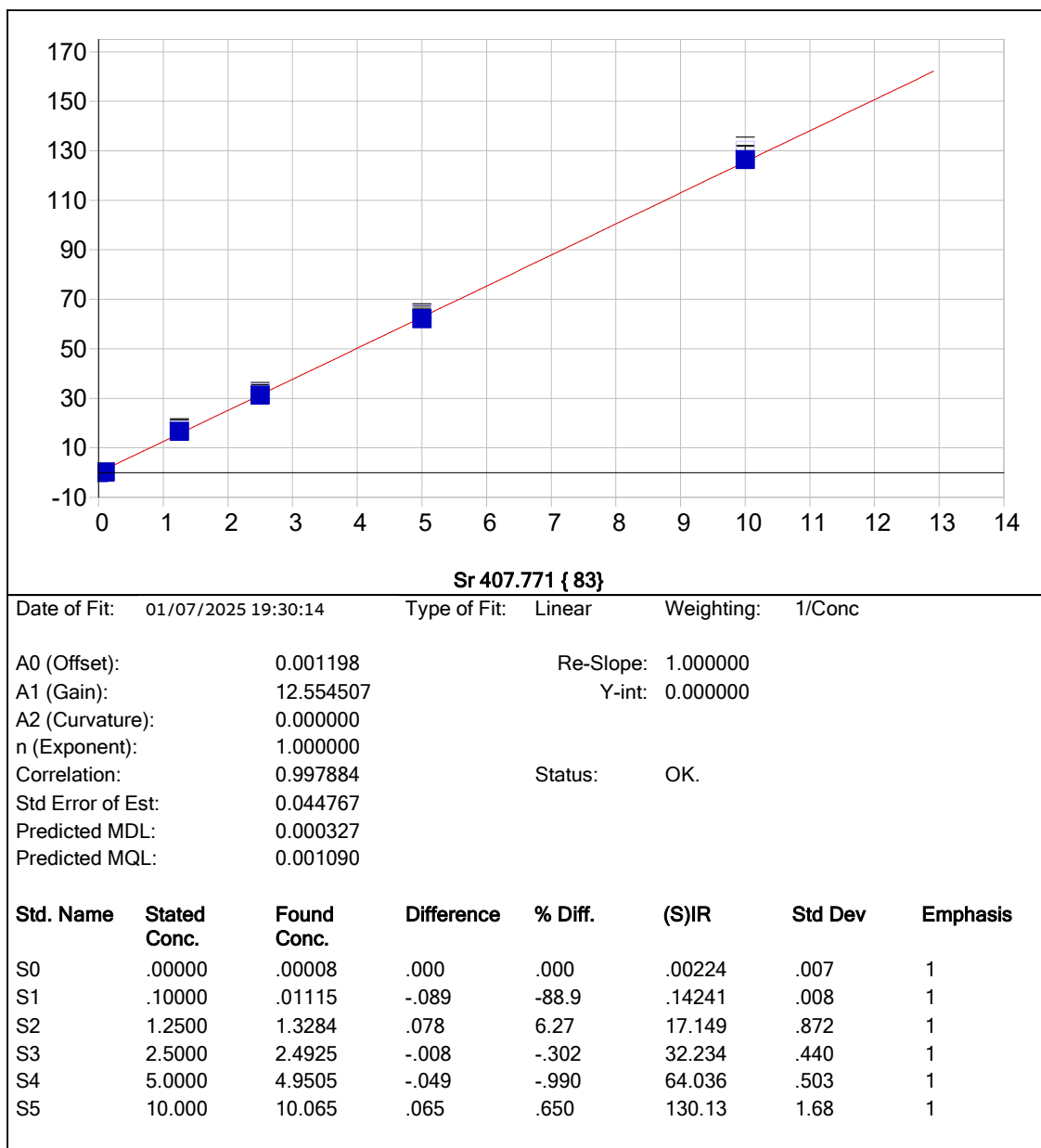


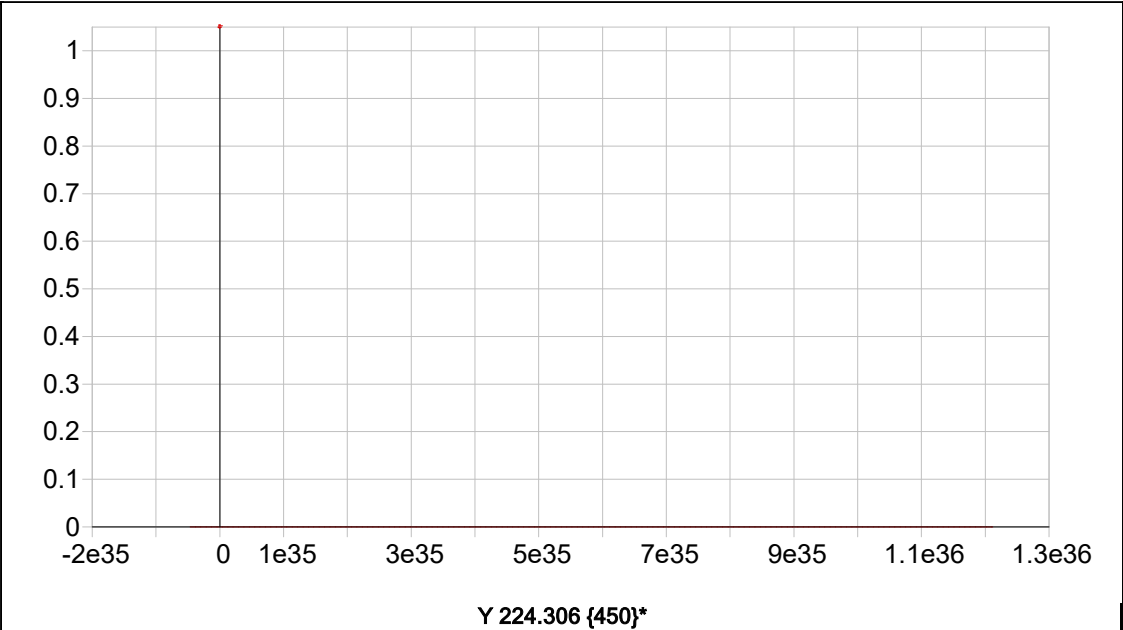
Date of Fit: 01/07/2025 19:30:14 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.029890 Re-Slope: 1.000000
A1 (Gain): 1.681746 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.951166 Status: OK.
Std Error of Est: 0.029660
Predicted MDL: 0.002360
Predicted MQL: 0.007867



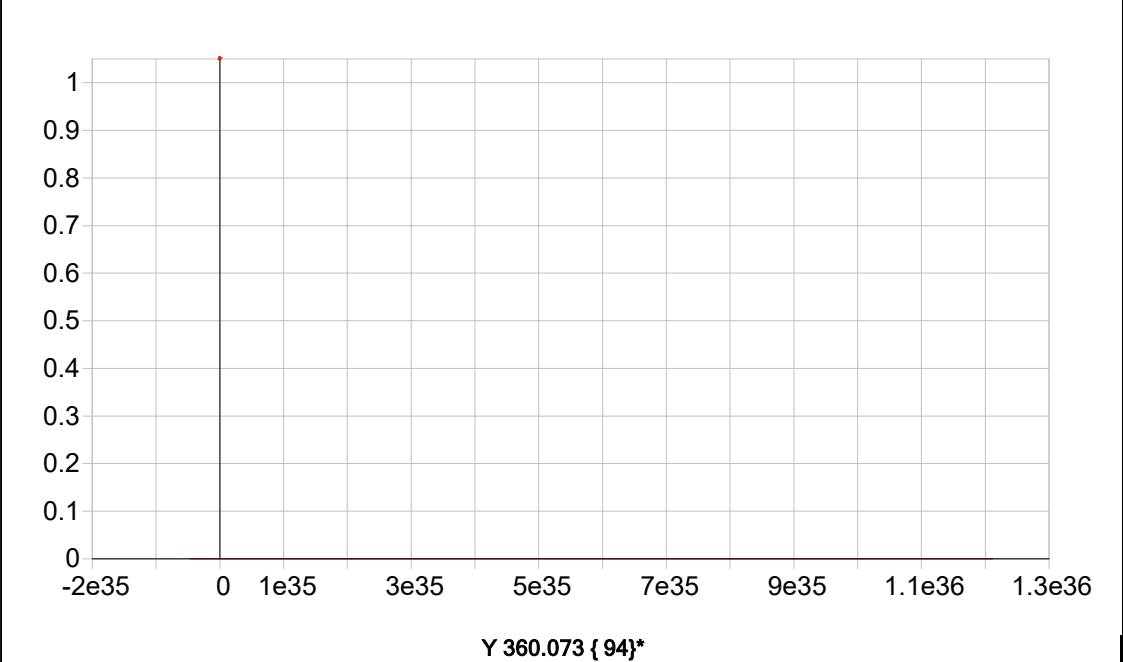




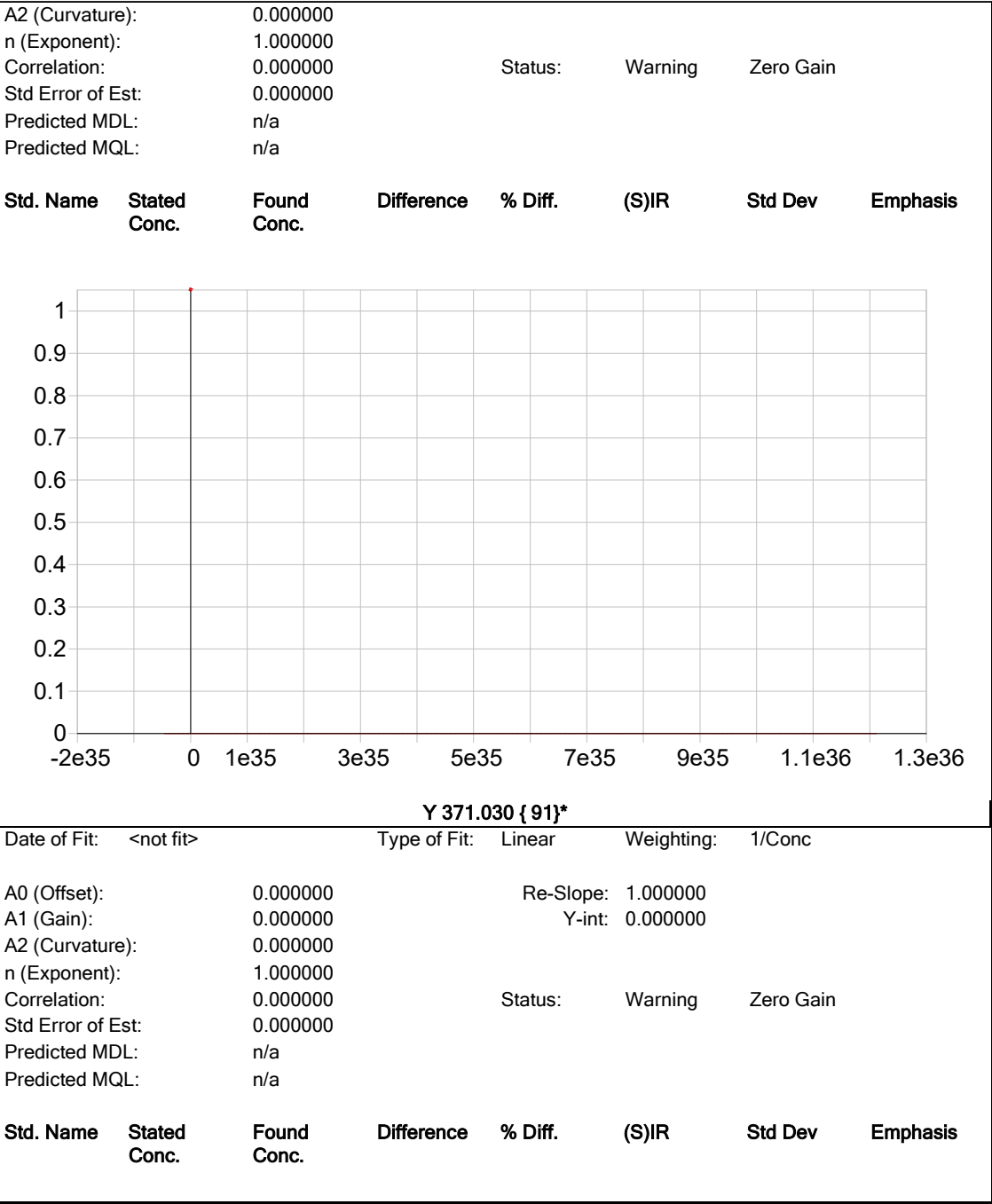


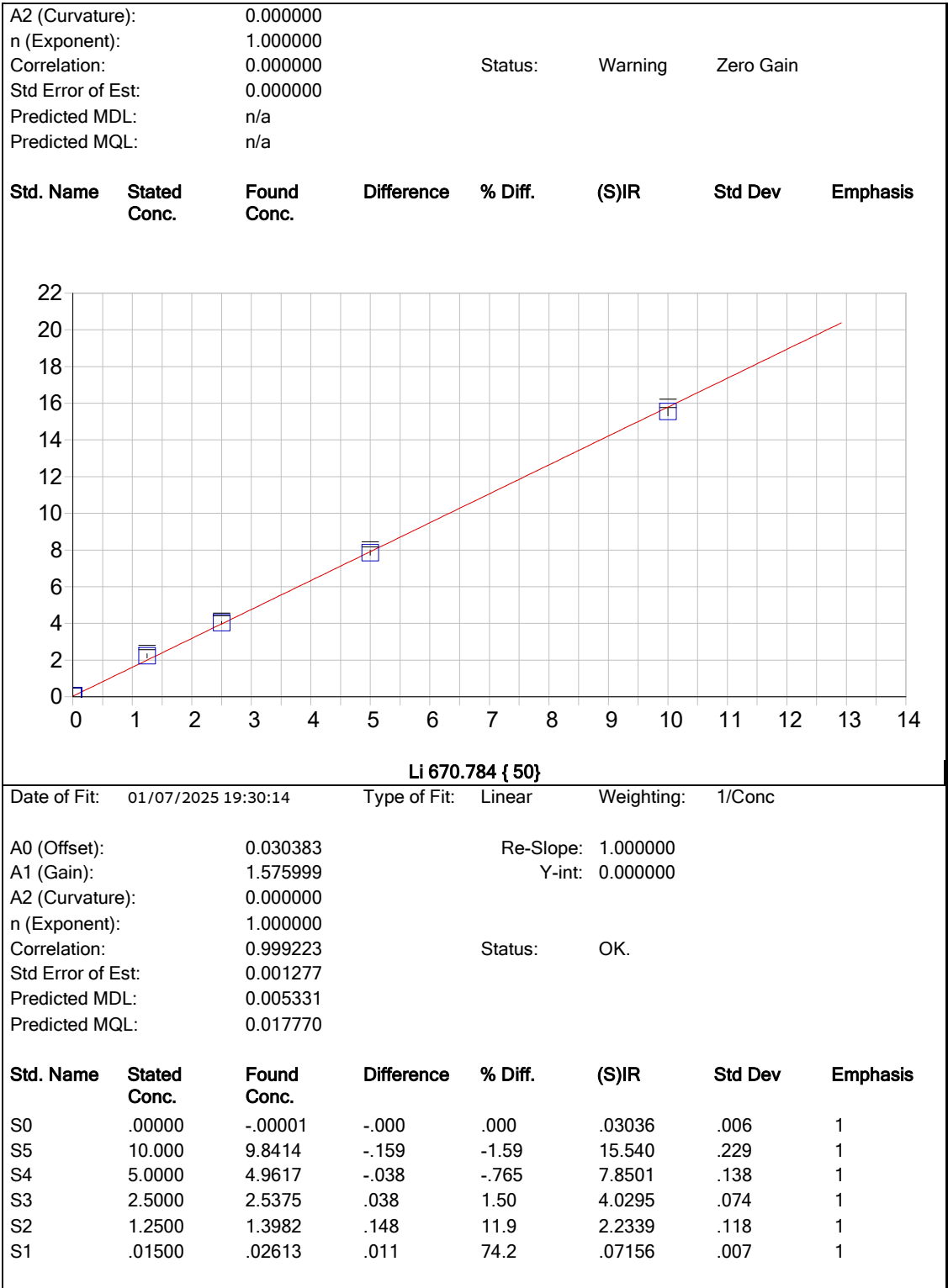
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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





Sample Name: S0 Acquired: 01/07/2025 18:59:15 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	1.2139	-.00071	-.00219	-.00001	-.00002	-.00141	.00149	-.00277
Stddev	.3498	.00030	.00027	.00014	.00012	.00581	.00582	.00207
%RSD	28.817	42.697	12.467	2393.4	589.90	413.49	390.89	74.523
#1	1.2026	-.00104	-.00188	-.00015	-.00014	-.00800	.00322	-.00039
#2	1.5692	-.00065	-.00238	.00013	-.00003	.00298	.00626	-.00398
#3	.86988	-.00044	-.00231	-.00001	.00010	.00081	-.00500	-.00395
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	.00030	.01366	-.00015	-.00085	.00508	.00156	.00465	-.00308
Stddev	.00028	.00190	.00017	.00044	.00503	.00027	.00143	.00210
%RSD	93.916	13.915	109.58	51.469	99.034	17.568	30.799	68.209
#1	.00057	.01240	-.00030	-.00079	-.00001	.00124	.00626	-.00470
#2	.00033	.01585	.00003	-.00044	.01005	.00169	.00418	-.00382
#3	.00001	.01274	-.00019	-.00131	.00521	.00174	.00351	-.00071
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	-.00169	-.00082	.20557	-.00237	.00613	.34315	-.00602	.00008
Stddev	.00071	.00038	.05699	.00175	.00089	.01688	.00016	.00141
%RSD	42.173	46.817	27.721	73.753	14.472	4.9195	2.6031	1833.4
#1	-.00088	-.00053	.18050	-.00247	.00686	.34165	-.00585	.00089
#2	-.00221	-.00125	.27080	-.00057	.00514	.36073	-.00607	-.00156
#3	-.00200	-.00067	.16542	-.00406	.00640	.32706	-.00615	.00089
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	.00100	.00044	.02913	.00039	.00225	.00224	.03036	
Stddev	.00027	.00036	.00274	.00016	.00236	.00678	.00607	
%RSD	27.340	81.498	9.4188	42.394	104.69	302.37	19.985	
#1	.00131	.00075	.03202	.00056	.00118	-.00289	.02531	
#2	.00088	.00005	.02880	.00024	.00062	-.00031	.02869	
#3	.00081	.00052	.02656	.00037	.00496	.00993	.03709	

Sample Name: S0 Acquired: 01/07/2025 18:59:15 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	2446.4	22646.	1066.0	1757.1	2125.8
Stddev	28.0	910.	47.1	71.5	24.2
%RSD	1.1447	4.0197	4.4152	4.0687	1.1393
#1	2462.1	21947.	1030.9	1700.6	2143.4
#2	2463.0	22315.	1047.6	1733.3	2135.8
#3	2414.1	23675.	1119.4	1837.5	2098.2

Sample Name: S1 Acquired: 01/07/2025 19:03:23 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	2.9789	.00187	.00225	.00187	.00616	.02665	1.0339	.09598
Stddev	.6331	.00040	.00028	.00015	.00030	.00397	.0171	.00226
%RSD	21.251	21.411	12.357	7.7992	4.7907	14.899	1.6575	2.3540
#1	3.7023	.00174	.00193	.00202	.00650	.02818	1.0278	.09768
#2	2.5263	.00154	.00245	.00173	.00597	.02214	1.0206	.09685
#3	2.7080	.00231	.00237	.00186	.00601	.02964	1.0532	.09342
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	.02053	.29278	.00248	.05164	.01135	.00356	.01552	.08801
Stddev	.00024	.00299	.00030	.00006	.00458	.00199	.00065	.00104
%RSD	1.1759	1.0227	12.134	.11101	40.345	55.873	4.1762	1.1773
#1	.02030	.29054	.00239	.05164	.01653	.00509	.01525	.08919
#2	.02051	.29162	.00281	.05170	.00783	.00427	.01625	.08726
#3	.02078	.29618	.00223	.05159	.00970	.00131	.01505	.08757
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	.02962	.00161	5.6636	.00739	.11655	.54990	-.00549	.00560
Stddev	.00033	.00052	.0796	.00195	.00371	.01140	.00004	.00325
%RSD	1.1062	32.576	1.4052	26.390	3.1831	2.0736	.75021	58.126
#1	.02999	.00139	5.6917	.00960	.11582	.53765	-.00553	.00842
#2	.02937	.00221	5.5738	.00662	.12057	.56021	-.00544	.00633
#3	.02951	.00124	5.7254	.00594	.11326	.55182	-.00549	.00204
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	.00531	.00465	.96150	.00105	.05814	.14241	.07156	
Stddev	.00016	.00029	.01015	.00022	.00179	.00785	.00662	
%RSD	2.9698	6.3153	1.0560	20.883	3.0721	5.5151	9.2549	
#1	.00533	.00432	.96451	.00129	.05663	.13966	.07465	
#2	.00547	.00473	.95018	.00099	.06011	.13630	.07607	
#3	.00515	.00489	.96980	.00086	.05767	.15127	.06396	

Sample Name: S1 Acquired: 01/07/2025 19:03:23 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	2432.3	22532.	1001.4	1760.6	2098.1
Stddev	6.4	833.	18.0	71.8	6.4
%RSD	.26180	3.6985	1.7952	4.0777	.30684
#1	2428.7	22890.	999.48	1796.3	2093.7
#2	2428.6	21580.	1020.3	1677.9	2095.2
#3	2439.7	23127.	984.50	1807.4	2105.5

Sample Name: S2 Acquired: 01/07/2025 19:07:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	267.73	.12076	2.3700	.07635	.14461	5.4544	12.459	2.4771
Stddev	1.58	.00099	.0278	.00111	.00202	.2772	.621	.0995
%RSD	.58882	.82037	1.1718	1.4521	1.3967	5.0817	4.9862	4.0163

#1	266.37	.12093	2.3834	.07677	.14492	5.1457	11.759	2.3662
#2	267.36	.11970	2.3381	.07510	.14245	5.6819	12.943	2.5586
#3	269.46	.12166	2.3886	.07719	.14646	5.5356	12.676	2.5064

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	2.9227	3.3897	1.1292	.73200	.96342	1.0083	2.4639	1.0769
Stddev	.0343	.1765	.0073	.00817	.05149	.0541	.1207	.0512
%RSD	1.1719	5.2064	.64370	1.1165	5.3442	5.3685	4.8969	4.7540

#1	2.9413	3.1897	1.1279	.73632	.90618	.94696	2.3283	1.0195
#2	2.8832	3.5236	1.1226	.72258	1.0059	1.0494	2.5593	1.1177
#3	2.9436	3.4558	1.1370	.73711	.97813	1.0286	2.5042	1.0936

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	.53973	.06377	42.215	.12141	7.6069	1.6946	.11842	2.3652
Stddev	.00631	.00087	1.770	.00679	.0383	.0831	.00127	.1000
%RSD	1.1689	1.3684	4.1927	5.5962	.50362	4.9031	1.0720	4.2270

#1	.54390	.06458	40.235	.11357	7.6278	1.6004	.11941	2.2538
#2	.53247	.06284	43.642	.12550	7.5627	1.7575	.11699	2.4470
#3	.54281	.06390	42.769	.12517	7.6302	1.7261	.11886	2.3948

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	.54958	.06395	2.3284	.17456	.72295	17.149	2.2339	
Stddev	.00488	.00030	.0998	.00215	.03745	.872	.1179	
%RSD	.88749	.47208	4.2846	1.2324	5.1806	5.0851	5.2762	

#1	.55019	.06426	2.2167	.17571	.68076	16.167	2.0982	
#2	.54443	.06365	2.4086	.17208	.75227	17.834	2.3101	
#3	.55412	.06393	2.3598	.17590	.73581	17.445	2.2935	

Sample Name: S2 Acquired: 01/07/2025 19:07:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	2198.4	20823.	994.35	1596.0	1756.2
Stddev	16.7	112.	42.82	5.5	15.9
%RSD	.76014	.53787	4.3061	.34611	.90460
#1	2190.6	20857.	1042.2	1594.2	1744.9
#2	2217.6	20914.	959.59	1602.2	1774.3
#3	2187.0	20698.	981.28	1591.5	1749.3

Sample Name: S3 Acquired: 01/07/2025 19:11:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	522.83	.23494	4.6251	.14845	.28023	10.229	23.464	4.6244
Stddev	1.44	.00060	.0079	.00066	.00106	.127	.294	.0428
%RSD	.27546	.25534	.17109	.44141	.37913	1.2429	1.2541	.92591

#1	521.25	.23472	4.6276	.14918	.28114	10.090	23.153	4.5840
#2	523.16	.23562	4.6314	.14792	.28049	10.340	23.739	4.6693
#3	524.07	.23448	4.6162	.14825	.27906	10.258	23.499	4.6201

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7214	6.3389	2.1072	1.4184	1.8017	1.8919	4.6180	2.0073
Stddev	.0057	.0858	.0252	.0028	.0299	.0261	.0669	.0332
%RSD	.09930	1.3543	1.1954	.19822	1.6611	1.3780	1.4480	1.6552

#1	5.7239	6.2437	2.0999	1.4206	1.7698	1.8658	4.5511	1.9725
#2	5.7255	6.4103	2.0865	1.4194	1.8291	1.9180	4.6849	2.0387
#3	5.7149	6.3628	2.1352	1.4152	1.8063	1.8919	4.6179	2.0106

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	1.0561	.12030	80.814	.23039	14.332	2.8805	.24258	4.4809
Stddev	.0021	.00179	.820	.00241	.114	.0522	.00070	.0448
%RSD	.19420	1.4855	1.0153	1.0439	.79832	1.8140	.28871	1.0003

#1	1.0558	.12014	80.051	.22768	14.345	2.8213	.24322	4.4387
#2	1.0583	.11860	81.682	.23125	14.212	2.9203	.24268	4.5279
#3	1.0542	.12217	80.711	.23225	14.440	2.8997	.24183	4.4762

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	1.0723	.12717	4.3369	.34473	1.3724	32.234	4.0295	
Stddev	.0020	.00021	.0411	.00064	.0191	.440	.0744	
%RSD	.18262	.16777	.94697	.18680	1.3923	1.3657	1.8454	

#1	1.0746	.12740	4.2918	.34404	1.3550	31.777	3.9528	
#2	1.0711	.12714	4.3721	.34531	1.3928	32.655	4.1012	
#3	1.0713	.12698	4.3468	.34484	1.3692	32.272	4.0346	

Sample Name: S3 Acquired: 01/07/2025 19:11:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	2199.8	21403.	1026.6	1628.5	1727.4
Stddev	10.2	139.	10.7	11.2	8.1
%RSD	.46405	.64977	1.0436	.68727	.46991
#1	2189.7	21358.	1032.1	1618.6	1720.6
#2	2199.7	21559.	1014.3	1640.6	1725.3
#3	2210.1	21292.	1033.5	1626.4	1736.4

Sample Name: S4 Acquired: 01/07/2025 19:15:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	981.39	.45861	9.2869	.29448	.56348	20.217	46.739	8.9450
Stddev	3.63	.00498	.1016	.00218	.00523	.112	.282	.1162
%RSD	.36992	1.0855	1.0944	.73949	.92795	.55382	.60319	1.2986
#1	978.42	.46250	9.3763	.29662	.56814	20.256	46.740	8.8345
#2	980.31	.45300	9.1763	.29227	.55782	20.305	47.021	9.0661
#3	985.43	.46032	9.3082	.29454	.56447	20.091	46.457	8.9344

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.400	12.431	4.0407	2.7977	3.5683	3.7347	9.0805	3.9536
Stddev	.119	.069	.1143	.0319	.0381	.0422	.0886	.0286
%RSD	1.0448	.55570	2.8288	1.1417	1.0666	1.1305	.97534	.72360
#1	11.511	12.480	3.9091	2.8262	3.5406	3.7155	9.0511	3.9528
#2	11.274	12.461	4.0975	2.7632	3.6117	3.7831	9.1800	3.9825
#3	11.414	12.352	4.1155	2.8038	3.5525	3.7055	9.0103	3.9253

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1037	.23366	159.20	.45964	28.110	5.3830	.50000	8.7530
Stddev	.0229	.00536	2.24	.00062	.816	.0250	.00587	.1184
%RSD	1.0887	2.2941	1.4069	.13586	2.9022	.46523	1.1741	1.3529
#1	2.1255	.22750	157.39	.45976	27.177	5.3755	.50605	8.6519
#2	2.0798	.23626	161.70	.46019	28.688	5.4109	.49433	8.8833
#3	2.1058	.23723	158.51	.45896	28.466	5.3625	.49962	8.7238

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	2.1515	.25824	8.3693	.69227	2.7300	64.036	7.8501	
Stddev	.0177	.00216	.1044	.00881	.0145	.503	.1375	
%RSD	.82508	.83832	1.2479	1.2720	.53047	.78565	1.7520	
#1	2.1681	.26033	8.2678	.70089	2.7253	63.866	7.7595	
#2	2.1328	.25601	8.4764	.68329	2.7462	64.602	8.0083	
#3	2.1537	.25837	8.3638	.69262	2.7184	63.639	7.7823	

Sample Name: S4 Acquired: 01/07/2025 19:15:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	2037.0	20676.	986.62	1537.0	1595.6
Stddev	21.6	533.	14.51	43.8	21.3
%RSD	1.0608	2.5797	1.4702	2.8465	1.3380
#1	2012.5	21288.	994.51	1584.5	1572.2
#2	2053.5	20312.	969.88	1498.4	1614.1
#3	2045.0	20428.	995.48	1527.9	1600.6

Sample Name: S5 Acquired: 01/07/2025 19:18:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	1928.2	.88361	18.376	.59082	1.1475	41.346	95.296	17.891
Stddev	6.5	.00339	.044	.00093	.0022	.579	1.304	.226
%RSD	.33940	.38321	.23848	.15683	.19465	1.4012	1.3681	1.2610
#1	1929.6	.88118	18.343	.59046	1.1485	42.011	96.783	18.152
#2	1933.8	.88217	18.359	.59012	1.1450	41.070	94.751	17.764
#3	1921.0	.88747	18.426	.59187	1.1491	40.956	94.353	17.759

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	22.379	25.225	8.0353	5.4661	7.2689	7.5277	18.209	7.9539
Stddev	.051	.295	.1173	.0122	.0882	.0936	.229	.0916
%RSD	.22981	1.1706	1.4599	.22298	1.2130	1.2434	1.2604	1.1522
#1	22.343	25.566	7.9037	5.4582	7.3679	7.6353	18.472	8.0595
#2	22.357	25.064	8.0732	5.4599	7.2399	7.4822	18.104	7.9072
#3	22.438	25.045	8.1290	5.4801	7.1988	7.4655	18.050	7.8949

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	4.1361	.47302	315.59	.94243	58.130	10.597	1.0110	17.412
Stddev	.0122	.00679	4.27	.01536	.689	.142	.0051	.198
%RSD	.29533	1.4358	1.3521	1.6299	1.1853	1.3359	.50657	1.1367
#1	4.1309	.46519	320.22	.96014	57.344	10.758	1.0081	17.640
#2	4.1273	.47667	314.75	.93444	58.415	10.540	1.0079	17.298
#3	4.1500	.47721	311.81	.93271	58.631	10.492	1.0169	17.296

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3757	.52179	16.579	1.3688	5.5409	130.13	15.540
Stddev	.0118	.00042	.199	.0040	.0679	1.68	.229
%RSD	.27029	.08111	1.1995	.29352	1.2260	1.2941	1.4708
#1	4.3766	.52228	16.807	1.3663	5.6188	132.06	15.798
#2	4.3634	.52155	16.441	1.3666	5.5098	129.39	15.460
#3	4.3870	.52154	16.489	1.3734	5.4940	128.94	15.363

Sample Name: S5 Acquired: 01/07/2025 19:18:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	1957.4	20290.	975.63	1438.8	1561.9
Stddev	10.0	197.	15.56	13.4	8.2
%RSD	.50909	.96884	1.5944	.92808	.52490
#1	1960.1	20517.	958.11	1454.1	1566.5
#2	1965.8	20170.	981.00	1429.5	1566.9
#3	1946.4	20183.	987.80	1432.9	1552.5

Sample Name: S6 Acquired: 01/07/2025 19:22:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) 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	110.81	41.306	19.693	12.297	857.73
Stddev	1.32	.535	.266	.146	9.53
%RSD	1.1922	1.2954	1.3506	1.1870	1.1110
#1	109.35	40.698	19.405	12.143	846.89
#2	111.19	41.515	19.744	12.312	861.54
#3	111.91	41.705	19.930	12.434	864.77
Int. Std.	Y_3710				
Units	Cts/S				
Avg	938.84				
Stddev	6.58				
%RSD	.70039				
#1	944.26				
#2	940.75				
#3	931.53				

Sample Name: ICV054 Acquired: 01/07/2025 19:34:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.079364	.9643739	.9358183	1.049251	.9883027	2.381314
Stddev	.004432	.0067594	.0030818	.004759	.0056477	.033341
%RSD	.4106507	.7009114	.3293121	.4535743	.5714552	1.400129

#1	1.079348	.9618685	.9340825	1.052406	.9822846	2.419523
#2	1.083804	.9592249	.9339960	1.043777	.9891359	2.366295
#3	1.074939	.9720283	.9393765	1.051571	.9934875	2.358123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5029838	.5115914	.4659190	9.784128	.5376000	.4776233
Stddev	.0067021	.0067788	.0011989	.182214	.0069137	.0012440
%RSD	1.332471	1.325045	.2573118	1.862347	1.286031	.2604613

#1	.4987650	.5097780	.4655101	9.680162	.5454870	.4771221
#2	.5107118	.5190925	.4649781	9.994526	.5347267	.4767080
#3	.4994744	.5059037	.4672689	9.677696	.5325862	.4790397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4963903	10.06502	.4915339	6.203981	.4865894	.2450593
Stddev	.0079732	.19265	.0087104	.137089	.0030555	.0019918
%RSD	1.606226	1.914091	1.772090	2.209691	.6279487	.8127920

#1	.5020323	9.94174	.4852142	6.095708	.4862151	.2464921
#2	.4998698	10.28702	.5014700	6.358123	.4837382	.2427848
#3	.4872688	9.96629	.4879175	6.158112	.4898148	.2459010

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.04081	.4885700	1.047410	10.31539	F -.002337	F .0097711
Stddev	.16502	.0231284	.009122	.15655	.000330	.0029390
%RSD	1.370489	4.733899	.8709318	1.517630	14.14240	30.07883

#1	11.99227	.4718311	1.057547	10.42566	-.001964	.0086192
#2	12.22465	.4789177	1.044817	10.38431	-.002593	.0075825
#3	11.90550	.5149611	1.039864	10.13621	-.002453	.0131116

Sample Name: ICV054 Acquired: 01/07/2025 19:34:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0009741	F .0072106	F .0016018	F .0004226	F -.006305	F -.009201
Stddev	.0006011	.0050647	.0052380	.0004982	.007599	.000527
%RSD	61.70425	70.23933	327.0112	117.8891	120.5162	5.725253
#1	.0006384	.0033744	-.001307	.0006784	-.012636	-.008735
#2	.0016680	.0053059	-.001536	.0007408	.002121	-.009773
#3	.0006159	.0129515	.007649	-.000152	-.008401	-.009095

Elem	Li6707
Units	ppm
Avg	F .0072171
Stddev	.0052588
%RSD	72.86604
#1	.0024408
#2	.0063578
#3	.0128527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.150	22734.53	1046.453	1769.826	2021.829
Stddev	6.086	240.69	14.622	15.173	5.310
%RSD	.2521078	1.058679	1.397275	.8573239	.2626241
#1	2420.436	22471.37	1047.773	1754.955	2026.700
#2	2413.731	22788.73	1031.216	1769.240	2022.619
#3	2408.285	22943.50	1060.370	1785.284	2016.168

Sample Name: ICB054 Acquired: 01/07/2025 19:44:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006563	.0028636	.0009772	.0010931	-.002804	.0130864	.0037751
Stddev	.0023267	.0040885	.0022706	.0028400	.003783	.0331307	.0021640
%RSD	354.5350	142.7738	232.3510	259.8104	134.9273	253.1696	57.32354

#1	-.000057	.0042405	.0022947	.0036546	.001548	-.005101	.0017236
#2	.003256	.0060858	-.001645	-.001961	-.005315	.051327	.0035653
#3	-.001230	-.001736	.002281	.001586	-.004645	-.006967	.0060363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000071	.0573712	.0004157	-.000323	-.005911	.0668244
Stddev	.000146	.000011	.0438274	.0002847	.000223	.005124	.0759907
%RSD	541.0353	16.14296	76.39272	68.46779	68.88915	86.68713	113.7171

#1	-.000143	-.000075	.1025027	.0007441	-.000170	-.011485	.1300490
#2	.000137	-.000058	.0546350	.0002384	-.000221	-.001406	.0879054
#3	-.000075	-.000080	.0149760	.0002647	-.000579	-.004842	-.017481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016716	.0961402	.0003104	.0050918	.0342931	-.005099	-.000954
Stddev	.0019182	.0877132	.0006402	.0007379	.0269301	.020890	.000687
%RSD	114.7554	91.23469	206.2716	14.49200	78.52909	409.7008	71.99758

#1	-.000330	-.004517	.0009739	.0049052	.0074368	.019008	-.001078
#2	.003493	.136734	-.000304	.0044651	.0612963	-.016423	-.000213
#3	.001852	.156203	.000261	.0059051	.0341461	-.017882	-.001569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9826050	-.001336	.0014226	.0008333	-.000166	.0005129	-.001364
Stddev	.0530125	.000062	.0030380	.0012476	.004866	.0018143	.001514
%RSD	5.395103	4.658559	213.5459	149.7106	2939.138	353.7258	111.0146

#1	.9419882	-.001404	-.002043	-.000600	-.005713	.0003651	-.000977
#2	.9632519	-.001281	.003625	.001423	.003384	.0023966	-.003033
#3	1.042575	-.001322	.002686	.001677	.001832	-.001223	-.000080

Sample Name: ICB054 Acquired: 01/07/2025 19:44:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003511	-.000445	.0040005
Stddev	.004272	.000546	.0059935
%RSD	121.6629	122.7507	149.8176
#1	.001389	-.000071	.0000160
#2	-.006453	-.000192	.0010923
#3	-.005470	-.001071	.0108933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.722	22793.78	1053.654	1772.365	2047.242
Stddev	8.268	186.09	20.111	19.251	5.591
%RSD	.3462847	.8164115	1.908692	1.086200	.2731092
#1	2380.995	22862.49	1032.970	1781.589	2042.222
#2	2396.953	22935.75	1073.138	1785.269	2053.268
#3	2385.218	22583.11	1054.853	1750.237	2046.236

Sample Name: ICSA054 Acquired: 01/07/2025 19:48:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090621	.0166571	.0003362	.0236910	.0206961	248.2637
Stddev	.0015270	.0100175	.0043521	.0065443	.0062143	1.0679
%RSD	16.85058	60.13956	1294.587	27.62347	30.02662	.4301323

#1	.0075841	.0154278	.0017376	.0162698	.0233473	249.1137
#2	.0106339	.0272325	-.004544	.0261677	.0135958	248.6122
#3	.0089684	.0073110	.003815	.0286354	.0251450	247.0651

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072221	.0018001	.0007005	253.5401	.0525825	.0385244
Stddev	.0028757	.0001868	.0002154	.6595	.0015735	.0004703
%RSD	39.81875	10.37453	30.75378	.2601347	2.992478	1.220817

#1	.0103765	.0016084	.0006007	254.0325	.0530759	.0388305
#2	.0047463	.0018106	.0005530	253.7971	.0538501	.0387599
#3	.0065436	.0019814	.0009477	252.7908	.0508213	.0379829

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020315	102.4157	.0035042	262.7525	.0045379	-.002369
Stddev	.013486	.8641	.0031006	1.3307	.0004566	.002446
%RSD	66.38749	.8437149	88.48105	.5064404	10.06226	103.2410

#1	-.024726	103.2925	.0061408	264.0110	.0040250	-.002062
#2	-.005175	102.3895	.0000884	262.8868	.0049002	-.004955
#3	-.031043	101.5650	.0042834	261.3598	.0046886	-.000092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2211115	.0063630	-.034762	.4065848	-.009086	F .0407836
Stddev	.0135194	.0246992	.000911	.1318780	.004608	.0008255
%RSD	6.114274	388.1692	2.619681	32.43553	50.71624	2.024176

#1	.2078090	.0252859	-.035786	.2874013	-.014022	.0404431
#2	.2348377	-.021578	-.034457	.3840897	-.004898	.0417249
#3	.2206878	.015381	-.034042	.5482635	-.008338	.0401828

Sample Name: ICSA054 Acquired: 01/07/2025 19:48:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079044	.0112760	-.003593	F .0147888	-.006598	.0064932
Stddev	.0005851	.0060472	.000115	.0011857	.002609	.0005185
%RSD	7.402506	53.62926	3.201217	8.017272	39.54645	7.984950
#1	.0072294	.0182434	-.003482	.0141456	-.008548	.0059429
#2	.0082168	.0081935	-.003586	.0140637	-.007611	.0069726
#3	.0082670	.0073911	-.003712	.0161570	-.003634	.0065640

Elem	Li6707
Units	ppm
Avg	F .0213074
Stddev	.0118238
%RSD	55.49159
#1	.0104767
#2	.0195238
#3	.0339217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2236.077	21041.10	992.2551	1639.932	1745.027
Stddev	24.207	83.85	9.9801	6.678	18.511
%RSD	1.082560	.3984873	1.005803	.4072246	1.060767
#1	2263.265	21073.90	983.3541	1639.208	1766.073
#2	2228.104	20945.81	990.3667	1633.646	1737.733
#3	2216.863	21103.59	1003.045	1646.943	1731.274

Sample Name: ICSAB054 Acquired: 01/07/2025 19:52:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1152765	.1152023	.0517495	.0684559	.6131119	255.1326
Stddev	.0079771	.0026883	.0033690	.0055577	.0048841	1.9112
%RSD	6.919978	2.333587	6.510188	8.118611	.7966123	.7490887

#1	.1243139	.1147679	.0554180	.0710083	.6116391	257.0775
#2	.1092154	.1180814	.0487943	.0620806	.6091337	255.0633
#3	.1123003	.1127577	.0510363	.0722789	.6185629	253.2570

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5550816	.5485230	1.019043	260.5194	.6085792	.5326540
Stddev	.0048180	.0027854	.003605	1.5878	.0016245	.0015067
%RSD	.8679826	.5078021	.3537795	.6094596	.2669270	.2828604

#1	.5594404	.5496026	1.014930	262.2725	.6104363	.5312518
#2	.5558961	.5506070	1.020547	260.1074	.6074219	.5324632
#3	.5499082	.5453594	1.021653	259.1782	.6078794	.5342470

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4942370	105.4401	.5204582	270.0742	1.015993	.2120305
Stddev	.0115712	1.2207	.0100524	2.1044	.003081	.0009674
%RSD	2.341216	1.157741	1.931446	.7791941	.3032361	.4562679

#1	.5067059	106.6827	.5249767	272.4976	1.012656	.2128689
#2	.4921601	105.3949	.5274585	269.0174	1.016594	.2109720
#3	.4838449	104.2426	.5089395	268.7076	1.018730	.2122507

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2364741	.5331072	.9715794	-.463919	F -.012145	F .0444028
Stddev	.0175052	.0052275	.0058218	.059075	.000983	.0023352
%RSD	7.402581	.9805778	.5992121	12.73390	8.096048	5.259189

#1	.2431643	.5284399	.9686601	-.422687	-.013055	.0456491
#2	.2166105	.5321258	.9782833	-.531597	-.012278	.0458505
#3	.2496477	.5387559	.9677948	-.437474	-.011102	.0417088

Sample Name: ICSAB054 Acquired: 01/07/2025 19:52:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087633	.0162866	-.001378	F .0160498	-.003705	.0065206
Stddev	.0014119	.0018335	.001773	.0008397	.002817	.0001487
%RSD	16.11096	11.25757	128.6114	5.231818	76.02313	2.279828
#1	.0097495	.0141702	.000665	.0151195	-.000708	.0065125
#2	.0093943	.0172983	-.002511	.0162784	-.006297	.0063762
#3	.0071460	.0173914	-.002288	.0167515	-.004109	.0066732

Elem	Li6707
Units	ppm
Avg	.0100135
Stddev	.0093722
%RSD	93.59520
#1	.0077107
#2	.0020074
#3	.0203225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.912	20509.82	972.4097	1600.928	1697.500
Stddev	6.200	74.78	7.0432	10.904	5.503
%RSD	.2862655	.3646194	.7243043	.6811014	.3242089
#1	2172.749	20426.16	965.4158	1601.914	1702.531
#2	2164.334	20533.14	972.3119	1589.565	1698.348
#3	2160.653	20570.16	979.5012	1611.306	1691.622

Sample Name: CCV128 Acquired: 01/07/2025 20:05:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.182881	4.950657	25.29952	5.111640	5.104871	410.0387
Stddev	.019883	.064397	.32467	.078145	.084612	12.9864
%RSD	.3836210	1.300772	1.283314	1.528756	1.657474	3.167127
#1	5.182117	4.934334	25.27022	5.105335	5.088250	423.5051
#2	5.203135	5.021644	25.63786	5.192746	5.196560	397.5924
#3	5.163392	4.895992	24.99050	5.036839	5.029803	409.0185
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25643	.5182824	2.535218	413.9027	15.79492	2.551910
Stddev	.32915	.0220853	.033878	12.8013	.01514	.035559
%RSD	3.209236	4.261244	1.336299	3.092828	.0958543	1.393424
#1	10.59643	.5436721	2.531490	427.1683	15.80803	2.552099
#2	9.93932	.5035184	2.570806	401.6227	15.79837	2.587374
#3	10.23355	.5076566	2.503358	412.9171	15.77835	2.516257
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94563	415.5073	14.73072	404.4438	2.572500	1.261845
Stddev	.50787	13.7716	.47360	12.7922	.038037	.007582
%RSD	3.185005	3.314412	3.215032	3.162914	1.478590	.6008342
#1	16.47916	430.3076	15.24676	418.0184	2.567279	1.264375
#2	15.46805	403.0702	14.31595	392.6129	2.612877	1.267838
#3	15.88967	413.1440	14.62945	402.7000	2.537343	1.253322
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	428.5791	2.569901	15.13348	155.3432	5.007739	5.308706
Stddev	17.0441	.087556	.03989	5.1532	.066659	.203869
%RSD	3.976887	3.406983	.2636053	3.317279	1.331122	3.840283
#1	448.2497	2.670014	15.09812	160.4110	5.005122	5.539286
#2	418.1934	2.507630	15.17673	150.1087	5.075668	5.152337
#3	419.2942	2.532060	15.12558	155.5098	4.942427	5.234496

Sample Name: CCV128 Acquired: 01/07/2025 20:05:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV128 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985295	5.056605	F 11.01968	5.151149	5.124742	4.824265
Stddev	.072728	.061444	.45137	.062773	.191332	.154853
%RSD	1.458842	1.215119	4.095998	1.218622	3.733498	3.209875
#1	4.971677	5.060146	11.53918	5.148265	5.326305	4.985018
#2	5.063869	5.116202	10.72354	5.215315	4.945621	4.676078
#3	4.920339	4.993468	10.79633	5.089868	5.102300	4.811699

Elem	Li6707
Units	ppm
Avg	5.038922
Stddev	.165015
%RSD	3.274815
#1	5.210689
#2	4.881609
#3	5.024466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.365	20027.77	964.7303	1492.247	1574.857
Stddev	28.620	88.41	35.3723	9.869	20.112
%RSD	1.423611	.4414334	3.666544	.6613672	1.277046
#1	2014.268	20036.77	923.8867	1497.419	1575.756
#2	1979.994	19935.21	985.3706	1480.866	1554.311
#3	2036.833	20111.34	984.9335	1498.455	1594.504

Sample Name: CCB128 Acquired: 01/07/2025 20:10:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB128 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042205	.0004087	.0036303	.0001617	.0031927	.0056902
Stddev	.0017529	.0051511	.0029050	.0011518	.0005601	.0204296
%RSD	41.53397	1260.263	80.02086	712.3153	17.54303	359.0314

#1	.0022081	.0050363	.0052397	-.001145	.0032704	.0188971
#2	.0050378	.0013311	.0053743	.000602	.0037099	-.017841
#3	.0054155	-.005141	.0002768	.001028	.0025978	.016015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000512	-.000126	-.000036	.0016063	-.000045	-.000412
Stddev	.002301	.000078	.000077	.0504438	.000707	.000253
%RSD	449.5339	61.71298	216.1348	3140.459	1566.831	61.57081

#1	-.001957	-.000173	.000037	-.035564	.000455	-.000137
#2	-.001720	-.000036	-.000028	-.018647	-.000854	-.000462
#3	.002141	-.000169	-.000116	.059029	.000264	-.000636

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013242	.0688553	.0016975	-.028631	.0005242	.0016804
Stddev	.004971	.0197125	.0002428	.073964	.0007760	.0032230
%RSD	37.53699	28.62886	14.30587	258.3318	148.0432	191.7988

#1	-.014772	.0822786	.0016825	-.104949	.0010653	-.001634
#2	-.017267	.0780636	.0019475	.042730	-.000365	.001872
#3	-.007686	.0462238	.0014625	-.023675	.000872	.004803

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3126135	-.011326	.0058683	1.998269	-.000084	.0246835
Stddev	.0196611	.010592	.0008743	.253561	.001283	.0013452
%RSD	6.289276	93.52322	14.89787	12.68904	1519.460	5.449766

#1	.3343826	-.021363	.0053207	1.715373	-.000542	.0233920
#2	.3073091	-.012361	.0068766	2.074366	.001364	.0260766
#3	.2961487	-.000254	.0054076	2.205067	-.001075	.0245819

Sample Name: CCB128 Acquired: 01/07/2025 20:10:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB128 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009932	-.005468	-.001332	.0020935	-.002354	-.000540
Stddev	.0007437	.001355	.004226	.0007112	.003358	.000119
%RSD	74.88461	24.77802	317.1177	33.97125	142.6438	21.97328
#1	.0014880	-.006301	-.006211	.0021938	.001464	-.000659
#2	.0013536	-.003905	.001180	.0027491	-.004846	-.000539
#3	.0001379	-.006199	.001033	.0013374	-.003680	-.000422

Elem	Li6707
Units	ppm
Avg	F .0339645
Stddev	.0023938
%RSD	7.048039
#1	.0323805
#2	.0367183
#3	.0327947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.763	23069.50	1033.962	1797.924	2110.937
Stddev	4.312	926.60	21.138	74.367	4.487
%RSD	.1752177	4.016564	2.044377	4.136243	.2125383
#1	2455.921	23812.27	1036.688	1850.681	2105.779
#2	2464.187	22031.18	1011.593	1712.870	2113.933
#3	2462.180	23365.06	1053.605	1830.222	2113.099

Sample Name: PB165884BL Acquired: 01/07/2025 20:14:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS884 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028451	.0065841	.0044736	.0004962	.0012032	.0156804
Stddev	.0054282	.0068268	.0026045	.0020173	.0042876	.0438075
%RSD	190.7916	103.6866	58.22075	406.5378	356.3450	279.3782

#1	.0045673	.0063413	.0024474	.0025910	.0053232	-.025979
#2	.0072034	.0135291	.0074114	.0003312	.0015208	.011661
#3	-.003235	-.000118	.0035619	-.001434	-.003234	.061359

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028697	-.000322	-.000042	.0007636	.0003865	-.000303
Stddev	.0026737	.000187	.000123	.0738112	.0011336	.000752
%RSD	93.16943	58.08738	296.4016	9666.143	293.2866	248.0729

#1	-.000214	-.000120	-.000178	-.083235	-.000873	.000563
#2	.004282	-.000489	.000061	.030261	.001325	-.000680
#3	.004541	-.000356	-.000007	.055265	.000708	-.000792

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009765	.0360846	-.001143	.1592784	.0004341	.0023625
Stddev	.014597	.0873029	.004163	.0997282	.0002525	.0012912
%RSD	149.4848	241.9394	364.2585	62.61249	58.16733	54.65501

#1	-.021048	.1305288	-.000817	.1451969	.0004359	.0035157
#2	.006720	.0193914	-.005459	.0673394	.0001807	.0026043
#3	-.014966	-.041666	.002848	.2652989	.0006857	.0009675

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1257885	-.001225	-.000450	2.116825	.0003278	.0132456
Stddev	.0208731	.009109	.001214	.562105	.0033860	.0028333
%RSD	16.59381	743.5232	269.9621	26.55418	1032.850	21.39027

#1	.1424204	.006374	.000945	2.449977	-.003550	.0131066
#2	.1023656	-.011322	-.001026	1.467839	.002698	.0161458
#3	.1325794	.001272	-.001269	2.432660	.001835	.0104844

Sample Name: PB165884BL Acquired: 01/07/2025 20:14:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS884 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014775	-.002539	-.000668	-.000330	-.002590	-.000257
Stddev	.0006882	.000623	.001838	.000899	.006515	.000256
%RSD	46.57611	24.52585	275.3974	272.4096	251.5397	99.71162
#1	.0013472	-.002641	.001233	.000701	.003638	-.000405
#2	.0008638	-.001871	-.000799	-.000947	-.002050	.000039
#3	.0022214	-.003104	-.002437	-.000745	-.009359	-.000404

Elem	Li6707
Units	ppm
Avg	F .0225870
Stddev	.0086292
%RSD	38.20417
#1	.0184271
#2	.0168257
#3	.0325081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2341.062	22328.56	1008.397	1749.650	2006.773
Stddev	7.823	334.61	27.818	23.671	7.083
%RSD	.3341451	1.498585	2.758663	1.352887	.3529609
#1	2338.476	22204.96	979.217	1730.491	2003.381
#2	2334.859	22073.34	1034.618	1742.346	2002.023
#3	2349.849	22707.40	1011.356	1776.111	2014.914

Sample Name: PB165884BS Acquired: 01/07/2025 20:31:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS884 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221316	.0535751	.0210473	.0593527	.1152359	.4241120	.4082224
Stddev	.0045679	.0031879	.0029778	.0048436	.0028335	.0461581	.0081478
%RSD	20.63986	5.950324	14.14803	8.160775	2.458890	10.88346	1.995927

#1	.0232918	.0510179	.0201274	.0631107	.1121955	.4524930	.4176298
#2	.0260076	.0525606	.0186381	.0610610	.1157092	.3708516	.4034052
#3	.0170955	.0571468	.0243765	.0538863	.1178029	.4489915	.4036323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104755	.0092366	10.04922	.0195305	.0963800	.0519373	.2602133
Stddev	.0003621	.0000810	.24091	.0007501	.0013772	.0118982	.0428071
%RSD	3.456705	.8764584	2.397319	3.840553	1.428930	22.90882	16.45077

#1	.0102817	.0091465	10.30568	.0202689	.0947900	.0383243	.3010888
#2	.0102515	.0093031	10.01432	.0195532	.0971531	.0571369	.2638451
#3	.0108932	.0092602	9.82766	.0187693	.0971971	.0603506	.2157060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0278084	10.57173	.0772328	.0234870	9.865951	.1047728	.1156593
Stddev	.0016787	.23600	.0006465	.0009542	.173018	.0148484	.0012181
%RSD	6.036689	2.232356	.8370742	4.062604	1.753684	14.17195	1.053170

#1	.0286017	10.73874	.0768532	.0245873	10.05418	.1147839	.1170641
#2	.0258800	10.67471	.0779793	.0228874	9.71384	.0877129	.1148964
#3	.0289434	10.30174	.0768660	.0229862	9.82983	.1118217	.1150174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.56539	.0140605	.0071707	.0198185	.1679542	1.077920	.0110862
Stddev	.35136	.0033672	.0008149	.0011028	.0039282	.014420	.0021867
%RSD	3.325572	23.94790	11.36460	5.564238	2.338838	1.337806	19.72418

#1	10.96746	.0174985	.0077287	.0191752	.1724321	1.091452	.0087035
#2	10.41139	.0139140	.0075479	.0191884	.1650891	1.062751	.0130010
#3	10.31733	.0107689	.0062355	.0210918	.1663415	1.079557	.0115540

Sample Name: PB165884BS Acquired: 01/07/2025 20:31:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS884 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1990259	.2113818	.0417297
Stddev	.0098924	.0041766	.0024708
%RSD	4.970424	1.975841	5.920922
#1	.2065995	.2162024	.0392870
#2	.2026446	.2090959	.0442276
#3	.1878336	.2088472	.0416746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.020	22393.44	996.4100	1744.480	1967.428
Stddev	34.397	146.92	19.3389	2.869	28.564
%RSD	1.478160	.6560881	1.940853	.1644682	1.451855
#1	2365.569	22544.42	974.1592	1745.446	1999.506
#2	2299.461	22250.94	1009.168	1741.253	1944.744
#3	2316.030	22384.97	1005.903	1746.742	1958.033

Sample Name: PB165885BL Acquired: 01/07/2025 20:35:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS885 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003363	.0002568	.0054002	-.004055	-.002662	.0337037	.0018409
Stddev	.0036792	.0007886	.0010582	.002899	.001097	.0431649	.0026566
%RSD	1093.996	307.1263	19.59495	71.50384	41.22438	128.0715	144.3102

#1	.0012559	-.000403	.0046350	-.007356	-.001433	.0215411	.0047720
#2	.0034685	.000043	.0049579	-.001921	-.003544	.0816451	.0011588
#3	-.003715	.001130	.0066078	-.002888	-.003010	-.002075	-.000408

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000277	.0000025	.0754829	.0000206	-.000192	-.017322	.0317193
Stddev	.000156	.0001165	.0314759	.0004710	.000471	.008457	.0792205
%RSD	56.32403	4619.422	41.69942	2284.086	245.5391	48.82400	249.7548

#1	-.000106	-.000131	.0397439	-.000082	-.000722	-.026406	-.007186
#2	-.000412	.000085	.0876274	-.000391	-.000030	-.009676	.122870
#3	-.000312	.000053	.0990774	.000535	.000177	-.015883	-.020527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001091	-.037431	.0000950	.0036745	.0050716	.0033442	-.003213
Stddev	.001661	.110590	.0005615	.0022104	.0213464	.0193275	.000597
%RSD	152.2791	295.4527	591.2074	60.15444	420.9009	577.9385	18.58325

#1	.000411	.005732	.0004828	.0025482	.0014932	-.011098	-.002880
#2	-.000809	-.163092	-.000549	.0022541	.0279811	.025300	-.003903
#3	-.002875	.045069	.000351	.0062211	-.014260	-.004170	-.002857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444292	-.002476	.0018428	-.000229	-.000404	-.001090	-.001598
Stddev	.459672	.003065	.0025380	.000382	.002770	.002616	.003576
%RSD	31.82684	123.8240	137.7238	166.8225	686.1401	240.0259	223.8147

#1	.976367	-.002419	.0035442	.000062	-.003487	-.000683	-.002190
#2	1.895242	-.005569	.0030585	-.000087	.001877	.001299	-.004840
#3	1.461267	.000561	-.001074	-.000662	.000398	-.003885	.002238

Sample Name: PB165885BL Acquired: 01/07/2025 20:35:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS885 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0010425	-.000618	.0096232
Stddev	.0056815	.000266	.0117071
%RSD	544.9645	43.09526	121.6552
#1	.0075948	-.000917	-.001392
#2	-.002517	-.000406	.008345
#3	-.001951	-.000530	.021917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.508	22417.64	978.8750	1747.841	2017.382
Stddev	15.437	339.28	28.5137	31.890	12.343
%RSD	.6575977	1.513433	2.912901	1.824509	.6118111
#1	2353.369	22084.99	1001.187	1711.692	2019.554
#2	2359.157	22763.17	946.751	1771.988	2028.494
#3	2329.999	22404.76	988.688	1759.842	2004.098

Sample Name: PB165885BS Acquired: 01/07/2025 20:40:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS885 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245962	.0498043	.0211724	.0638544	.1039192	.4344587
Stddev	.0046826	.0012293	.0012988	.0049556	.0052764	.0176427
%RSD	19.03803	2.468174	6.134410	7.760849	5.077430	4.060846

#1	.0291140	.0512180	.0217774	.0658094	.0978273	.4166813
#2	.0197645	.0489866	.0196815	.0675343	.1070511	.4347315
#3	.0249101	.0492084	.0220583	.0582194	.1068791	.4519635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3915144	.0102517	.0089006	9.762909	.0204731	.0929297
Stddev	.0026788	.0001545	.0001128	.079387	.0003811	.0013606
%RSD	.6842153	1.507453	1.266833	.8131507	1.861407	1.464170

#1	.3902064	.0101027	.0088775	9.700298	.0200523	.0913613
#2	.3897408	.0102412	.0090232	9.736231	.0207949	.0936337
#3	.3945959	.0104113	.0088013	9.852199	.0205720	.0937941

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429072	.2450861	.0288934	10.08562	.0731506	.0245492
Stddev	.0084114	.0705932	.0031688	.10165	.0008390	.0006173
%RSD	19.60384	28.80343	10.96711	1.007898	1.146978	2.514577

#1	.0453528	.2913378	.0280861	10.07542	.0721818	.0252452
#2	.0335439	.1638312	.0323877	10.19199	.0736381	.0243343
#3	.0498248	.2800892	.0262063	9.98946	.0736319	.0240680

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.479762	.1102949	.1134818	10.29560	F .0116238	F .0025183
Stddev	.034321	.0017773	.0008517	.26365	.0018099	.0028462
%RSD	.3620427	1.611427	.7504740	2.560840	15.57034	113.0199

#1	9.442780	.1123470	.1144574	10.58140	.0136493	.0051729
#2	9.510587	.1092449	.1131011	10.24353	.0101653	.0028691
#3	9.485919	.1092928	.1128869	10.06186	.0110569	-.000487

Sample Name: PB165885BS Acquired: 01/07/2025 20:40:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS885 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200507	.1676387	F 1.024360	.0106309	.1855548	.2028175
Stddev	.0006566	.0023535	.003229	.0011794	.0040995	.0011473
%RSD	3.274579	1.403914	.3152629	11.09426	2.209327	.5656688
#1	.0206031	.1672713	1.020632	.0108861	.1894187	.2015019
#2	.0193248	.1654905	1.026131	.0093448	.1812545	.2033411
#3	.0202242	.1701543	1.026316	.0116618	.1859912	.2036096

Elem	Li6707
Units	ppm
Avg	.0332618
Stddev	.0066121
%RSD	19.87904
#1	.0310457
#2	.0280424
#3	.0406973

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.556	22084.40	1017.139	1720.097	1996.062
Stddev	8.205	69.42	5.035	11.346	2.122
%RSD	.3490824	.3143492	.4950135	.6596102	.1062941
#1	2347.178	22013.70	1021.023	1709.867	1997.328
#2	2359.911	22087.03	1011.450	1718.124	1997.245
#3	2344.578	22152.46	1018.943	1732.300	1993.612

Sample Name: P5211-20 Acquired: 01/07/2025 20:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917285	.0014064	1.051246	.0824207	.0559987	50.43447
Stddev	.0025803	.0040165	.004223	.0081797	.0028680	.30103
%RSD	2.813013	285.5895	.4016845	9.924371	5.121471	.5968823

#1	.0899545	-.003132	1.048882	.0816086	.0527256	50.57557
#2	.0946886	.002848	1.048734	.0909762	.0580716	50.08880
#3	.0905424	.004503	1.056121	.0746773	.0571988	50.63904

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006270	.0058792	.0045395	244.1942	.0981993	.1080892
Stddev	.004007	.0002315	.0001045	.9692	.0011880	.0006602
%RSD	.3982522	3.937572	2.302296	.3968858	1.209772	.6107977

#1	1.009512	.0061180	.0045355	244.0076	.0981641	.1075496
#2	1.001790	.0056558	.0046460	243.3318	.0994045	.1088254
#3	1.007509	.0058638	.0044370	245.2430	.0970294	.1078927

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2234071	198.2732	7.497878	60.80511	.1207105	-.005726
Stddev	.0142244	1.0326	.044051	.49676	.0001408	.000673
%RSD	6.367021	.5208187	.5875095	.8169789	.1166110	11.76121

#1	.2306039	197.6194	7.494059	60.72902	.1207340	-.006199
#2	.2325950	197.7366	7.455861	60.35077	.1208381	-.006024
#3	.2070225	199.4637	7.543713	61.33552	.1205595	-.004955

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9925468	.1345162	.9651189	-.735933	F 10.43249	.1016572
Stddev	.0134399	.0128872	.0110663	.114360	.02201	.0035244
%RSD	1.354080	9.580440	1.146622	15.53948	.2109979	3.466958

#1	.9859409	.1320881	.9542270	-.804326	10.45720	.1031015
#2	.9836884	.1484448	.9763516	-.799562	10.42533	.1042300
#3	1.008011	.1230157	.9647782	-.603910	10.41495	.0976400

Sample Name: P5211-20 Acquired: 01/07/2025 20:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120762	1.557096	9.837835	.0535897	.8039326	.1365595
Stddev	.0003012	.008220	.132883	.0022134	.0074272	.0011006
%RSD	2.494464	.5278827	1.350733	4.130214	.9238617	.8059722
#1	.0117302	1.548028	9.883213	.0511107	.8061104	.1369804
#2	.0122180	1.564058	9.688207	.0553675	.7956599	.1353105
#3	.0122803	1.559203	9.942085	.0542911	.8100274	.1373875

Elem	Li6707
Units	ppm
Avg	.0857781
Stddev	.0035416
%RSD	4.128743
#1	.0820087
#2	.0862894
#3	.0890363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2745.742	26008.11	1205.247	2012.655	1851.690
Stddev	5.612	207.95	9.254	31.213	1.468
%RSD	.2043780	.7995694	.7677921	1.550849	.0793040
#1	2750.037	26177.67	1201.688	2038.335	1851.095
#2	2739.392	25776.08	1215.752	1977.913	1850.613
#3	2747.795	26070.57	1198.301	2021.716	1853.363

Sample Name: P5211-21 Acquired: 01/07/2025 20:47:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976694	-.005387	1.033510	.0897507	.0551467	51.10914
Stddev	.0041494	.007516	.004149	.0138170	.0059531	4.36348
%RSD	4.248369	139.5124	.4013998	15.39486	10.79506	8.537582

#1	.1023861	-.005788	1.034229	.1010767	.0617328	54.54125
#2	.0960406	-.012694	1.037252	.0938191	.0501485	52.58769
#3	.0945816	.002321	1.029049	.0743563	.0535589	46.19848

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.022523	.0060069	.0043682	246.9132	.0974427	.1075567
Stddev	.086066	.0003829	.0001798	20.1079	.0084377	.0003367
%RSD	8.417002	6.373803	4.116392	8.143704	8.659165	.3130570

#1	1.093149	.0061862	.0041877	262.6903	.1053011	.1076900
#2	1.047761	.0062672	.0043695	253.7773	.0885256	.1078064
#3	.926660	.0055673	.0045474	224.2721	.0985013	.1071738

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2363028	200.9189	7.595441	61.54412	.1190535	-.004394
Stddev	.0300895	16.2827	.598411	4.80711	.0010383	.003016
%RSD	12.73346	8.104112	7.878559	7.810841	.8721659	68.62877

#1	.2496639	213.5311	8.044863	65.35112	.1199958	-.003753
#2	.2573979	206.6887	7.825276	63.13898	.1179403	-.001751
#3	.2018466	182.5370	6.916185	56.14228	.1192243	-.007679

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9958287	.1191769	.9528720	-.700571	F 10.24898	.1038742
Stddev	.0852359	.0109148	.0712456	.716913	.03434	.0103370
%RSD	8.559290	9.158477	7.476936	102.3326	.3350394	9.951448

#1	1.078997	.1250653	1.018903	-.359611	10.28755	.1119288
#2	.999824	.1258829	.877361	-.217772	10.23764	.1074754
#3	.908666	.1065824	.962352	-1.52433	10.22175	.0922183

Sample Name: P5211-21 Acquired: 01/07/2025 20:47:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127765	1.543042	9.943808	.0535672	.8191974	.1385758
Stddev	.0011033	.006211	.763984	.0022446	.0741217	.0115789
%RSD	8.635473	.4025470	7.683012	4.190220	9.048087	8.355658
#1	.0134382	1.540857	10.64270	.0557317	.8827881	.1472351
#2	.0133886	1.538218	10.06055	.0537194	.8370125	.1430685
#3	.0115029	1.550050	9.12817	.0512503	.7377917	.1254238

Elem	Li6707
Units	ppm
Avg	.0831968
Stddev	.0104197
%RSD	12.52413
#1	.0946112
#2	.0807839
#3	.0741952

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.298	26290.04	1199.128	2040.297	1883.452
Stddev	10.004	1537.30	90.784	112.397	8.917
%RSD	.3594128	5.847481	7.570851	5.508873	.4734488
#1	2773.385	24764.88	1129.935	1933.603	1873.216
#2	2783.120	27839.21	1165.526	2157.640	1887.608
#3	2793.390	26266.04	1301.922	2029.647	1889.533

Sample Name: P5211-20LX5 Acquired: 01/07/2025 20:51:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162346	.0092313	.2139673	.0094077	.0090795	11.70169	.2348918
Stddev	.0043120	.0053764	.0030959	.0064635	.0038110	.03252	.0011092
%RSD	26.56071	58.24092	1.446920	68.70440	41.97330	.2779156	.4722093

#1	.0185903	.0032779	.2113974	.0031357	.0071969	11.72334	.2361036
#2	.0188556	.0106837	.2131001	.0090404	.0065761	11.66429	.2339268
#3	.0112579	.0137323	.2174043	.0160470	.0134653	11.71744	.2346451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013517	.0008123	56.95575	.0236290	.0347068	.0400053	45.97746
Stddev	.0002272	.0000363	.26222	.0011974	.0009960	.0157218	.23481
%RSD	16.80791	4.464540	.4603961	5.067339	2.869709	39.29940	.5107154

#1	.0011054	.0008328	57.25270	.0238104	.0352835	.0285146	46.22948
#2	.0015530	.0007704	56.75603	.0247253	.0352802	.0335790	45.93806
#3	.0013968	.0008337	56.85852	.0223513	.0335568	.0579223	45.76484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.761400	14.53400	.0223927	.0022257	.2142974	.0345475	.2234619
Stddev	.007557	.14532	.0005644	.0010512	.0231624	.0167839	.0026072
%RSD	.4290272	.9998555	2.520692	47.23112	10.80854	48.58210	1.166751

#1	1.770027	14.51333	.0222935	.0033502	.2326855	.0280533	.2263882
#2	1.758222	14.68854	.0218844	.0012677	.1882835	.0219810	.2213862
#3	1.755951	14.40012	.0230001	.0020591	.2219232	.0536081	.2226113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.346061	1.993371	.0233255	.0056932	.3073210	2.407804	.0112646
Stddev	.128112	.007249	.0014285	.0004569	.0036521	.039981	.0013972
%RSD	9.517559	.3636535	6.124019	8.025885	1.188365	1.660474	12.40376

#1	1.309143	2.001631	.0236287	.0061916	.3109697	2.448841	.0108285
#2	1.240460	1.990416	.0245780	.0052940	.3036655	2.368970	.0101375
#3	1.488578	1.988066	.0217697	.0055941	.3073277	2.405602	.0128279

Sample Name: P5211-20LX5 Acquired: 01/07/2025 20:51:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1829648	.0309688	.0186780
Stddev	.0056006	.0001708	.0025111
%RSD	3.061012	.5513778	13.44413
#1	.1883377	.0311137	.0208458
#2	.1771614	.0310122	.0159265
#3	.1833954	.0307805	.0192617

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2476.396	23279.98	1060.510	1813.421	1982.074
Stddev	6.578	186.32	12.048	14.539	5.361
%RSD	.2656419	.8003589	1.136051	.8017633	.2704804
#1	2470.632	23069.10	1048.453	1796.645	1977.416
#2	2474.993	23348.47	1072.549	1821.262	1980.871
#3	2483.562	23422.36	1060.527	1822.358	1987.934

Sample Name: P5211-22 Acquired: 01/07/2025 20:55:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1789906	.0769959	1.081584	.2437712	.2200574	54.30573
Stddev	.0001629	.0011294	.025884	.0019284	.0031506	.94919
%RSD	.0910124	1.466779	2.393154	.7910723	1.431730	1.747862

#1	.1791663	.0778357	1.085492	.2442517	.2236134	54.62383
#2	.1789609	.0757120	1.053968	.2416480	.2176142	53.23835
#3	.1788446	.0774399	1.105291	.2454139	.2189445	55.05502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.608221	.0963735	.1013340	245.9661	.4819984	1.096345
Stddev	.074051	.0015399	.0023921	3.7709	.0009722	.026435
%RSD	1.606940	1.597826	2.360576	1.533098	.2017066	2.411175

#1	4.636551	.0970803	.1016925	247.5796	.4826242	1.097433
#2	4.524187	.0946071	.0987829	241.6569	.4808784	1.069383
#3	4.663925	.0974331	.1035265	248.6617	.4824928	1.122219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6686589	201.8969	8.450382	61.52671	1.128328	.0603836
Stddev	.0157519	3.0370	.132911	1.12936	.025926	.0028785
%RSD	2.355743	1.504211	1.572837	1.835565	2.297696	4.767089

#1	.6511245	202.6118	8.488130	62.01775	1.129023	.0630683
#2	.6816129	198.5663	8.302681	60.23494	1.102062	.0573441
#3	.6732394	204.5127	8.560336	62.32742	1.153899	.0607384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.010623	1.043902	1.829321	-.662444	F 10.30599	.1042192
Stddev	.023296	.010484	.008041	.335958	.24963	.0034781
%RSD	2.305067	1.004291	.4395717	50.71489	2.422167	3.337319

#1	.999818	1.056007	1.820308	-.278273	10.32595	.1081424
#2	.994692	1.037772	1.831898	-.901190	10.04698	.1030019
#3	1.037359	1.037927	1.835758	-.807870	10.54504	.1015134

Sample Name: P5211-22 Acquired: 01/07/2025 20:55:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNL7S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123914	1.550096	10.01057	.0545313	.8167091	.1348518
Stddev	.0007510	.043010	.15830	.0013282	.0144334	.0018191
%RSD	6.061094	2.774639	1.581355	2.435696	1.767263	1.348951
#1	.0128863	1.554923	10.07055	.0550002	.8202468	.1352887
#2	.0127606	1.504876	9.83104	.0530323	.8008358	.1328540
#3	.0115272	1.590488	10.13011	.0555616	.8290448	.1364126

Elem	Li6707
Units	ppm
Avg	.0836565
Stddev	.0029392
%RSD	3.513368
#1	.0802634
#2	.0854138
#3	.0852924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.955	25602.90	1192.676	1980.384	1863.981
Stddev	32.106	56.21	16.416	11.291	33.586
%RSD	1.164963	.2195404	1.376416	.5701175	1.801832
#1	2757.219	25634.34	1185.012	1992.760	1864.169
#2	2787.411	25538.01	1211.522	1970.646	1897.473
#3	2723.236	25636.36	1181.493	1977.747	1830.302

Sample Name: P5210-09 Acquired: 01/07/2025 20:59:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749578	.0024618	.3977805	.0647438	.0566002	57.88921	.3955618
Stddev	.0048933	.0035558	.0013571	.0060135	.0008523	.36851	.0044839
%RSD	6.528099	144.4400	.3411769	9.288121	1.505746	.6365808	1.133539

#1	.0803220	.0062708	.3987009	.0705733	.0567319	58.21437	.3983717
#2	.0738130	-.000770	.3984187	.0585618	.0556898	57.48892	.3903908
#3	.0707384	.001885	.3962219	.0650963	.0573790	57.96432	.3979229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074321	.0058804	598.2473	.1325555	.1220640	.2083509	196.2152
Stddev	.0000849	.0000176	3.0057	.0023448	.0004601	.0120783	1.2345
%RSD	1.142662	.2999127	.5024201	1.768952	.3769749	5.797109	.6291698

#1	.0075255	.0058867	600.4697	.1307791	.1216625	.1946179	197.5041
#2	.0074113	.0058605	594.8275	.1352134	.1219636	.2173244	195.0434
#3	.0073595	.0058940	599.4448	.1316741	.1225661	.2131103	196.0981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.749899	69.08368	.1966937	-.006335	1.041367	.1356171	.5200130
Stddev	.052051	.75149	.0021677	.001031	.014193	.0125208	.0058921
%RSD	.7711398	1.087802	1.102053	16.27269	1.362952	9.232431	1.133075

#1	6.797696	69.73347	.1945002	-.005608	1.052961	.1493561	.5197121
#2	6.694443	68.26072	.1988346	-.007515	1.025538	.1248490	.5260499
#3	6.757559	69.25685	.1967462	-.005883	1.045600	.1326462	.5142771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.983952	5.692370	.1600419	.0056189	1.322114	10.63854	.0634244
Stddev	.203951	.041848	.0009077	.0003796	.009949	.22120	.0021242
%RSD	2.920274	.7351625	.5671645	6.756157	.7525363	2.079215	3.349226

#1	7.000596	5.644242	.1609404	.0055809	1.311565	10.88886	.0641965
#2	6.772189	5.720182	.1591253	.0060161	1.331329	10.46941	.0650546
#3	7.179070	5.712687	.1600602	.0052597	1.323448	10.55734	.0610221

Sample Name: P5210-09 Acquired: 01/07/2025 20:59:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.226202	.2163645	.1377607
Stddev	.005888	.0011341	.0056152
%RSD	.4802026	.5241630	4.076036
#1	1.232710	.2172726	.1371186
#2	1.221243	.2150933	.1436693
#3	1.224654	.2167275	.1324942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.149	25003.28	1194.802	1933.161	1779.897
Stddev	11.086	318.69	17.345	21.452	8.852
%RSD	.4197237	1.274575	1.451706	1.109701	.4973432
#1	2653.759	25309.52	1176.427	1946.255	1790.116
#2	2636.750	24673.46	1210.889	1908.404	1774.989
#3	2632.938	25026.87	1197.091	1944.825	1774.586

Sample Name: P5210-10 Acquired: 01/07/2025 21:03:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682127	.0031704	.4185912	.0753513	.0637588	61.26652	.4187272
Stddev	.0027348	.0050942	.0059145	.0038253	.0033117	1.66770	.0093842
%RSD	4.009264	160.6763	1.412951	5.076606	5.194060	2.722036	2.241113

#1	.0707648	.0025900	.4211939	.0714139	.0666832	62.86338	.4278858
#2	.0653259	.0085299	.4227580	.0755864	.0644306	59.53603	.4091327
#3	.0685474	-.001609	.4118217	.0790537	.0601628	61.40015	.4191631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078314	.0059992	631.9353	.1368681	.1287206	.2275135	207.9941
Stddev	.0002612	.0000909	17.0499	.0008869	.0002158	.0116851	5.5273
%RSD	3.335320	1.515722	2.698048	.6480222	.1676806	5.135979	2.657427

#1	.0081151	.0059134	647.7447	.1375530	.1287811	.2141765	213.3421
#2	.0076010	.0060945	613.8696	.1371850	.1288997	.2324119	202.3034
#3	.0077780	.0059897	634.1917	.1358662	.1284809	.2359521	208.3367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.145066	73.02617	.2065759	-.006536	1.109922	.1597982	.5402335
Stddev	.183761	1.98176	.0018495	.001199	.049596	.0100613	.0034718
%RSD	2.571853	2.713771	.8953252	18.35004	4.468405	6.296245	.6426556

#1	7.332115	74.98608	.2086513	-.007920	1.164233	.1557818	.5369169
#2	6.964780	71.02325	.2059741	-.005904	1.067034	.1523655	.5438421
#3	7.138302	73.06918	.2051021	-.005785	1.098499	.1712473	.5399415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.861221	5.984647	.1730684	.0057749	1.387257	11.22715	.0673919
Stddev	.197287	.042614	.0032005	.0010363	.005346	.26058	.0017652
%RSD	2.509623	.7120609	1.849272	17.94546	.3853586	2.320977	2.619331

#1	8.078440	6.026430	.1756808	.0069673	1.393126	11.51531	.0671474
#2	7.812061	5.986263	.1694984	.0050909	1.385979	11.00807	.0657617
#3	7.693163	5.941248	.1740259	.0052666	1.382666	11.15808	.0692666

Sample Name: P5210-10 Acquired: 01/07/2025 21:03:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.297086	.2294494	.1535921
Stddev	.035231	.0062995	.0040288
%RSD	2.716156	2.745487	2.623087
#1	1.331341	.2350667	.1555665
#2	1.260954	.2226385	.1489568
#3	1.298964	.2306431	.1562528

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.325	24025.23	1135.096	1863.696	1704.878
Stddev	17.531	120.59	21.427	7.673	12.517
%RSD	.6873854	.5019509	1.887657	.4116886	.7342161
#1	2530.425	24142.31	1112.830	1872.556	1690.624
#2	2563.486	23901.40	1155.571	1859.253	1709.927
#3	2557.065	24031.98	1136.888	1859.280	1714.082

Sample Name: P5210-09LX5 Acquired: 01/07/2025 21:07:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069316	.0235394	.0888579	-.006251	.0107278	13.51869	.0895649
Stddev	.0015603	.0058673	.0015577	.002241	.0037728	.28997	.0023261
%RSD	22.50985	24.92554	1.753056	35.84734	35.16849	2.144955	2.597128

#1	.0073805	.0300567	.0876289	-.003885	.0081744	13.18398	.0876674
#2	.0082182	.0186778	.0906098	-.006527	.0089477	13.69373	.0921600
#3	.0051960	.0218839	.0883349	-.008340	.0150613	13.67837	.0888672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016729	.0012340	137.3997	.0316323	.0467994	.0372990	45.64586
Stddev	.0002436	.0000764	3.2957	.0013928	.0001552	.0029734	1.22892
%RSD	14.56200	6.191748	2.398657	4.402989	.3315753	7.971643	2.692282

#1	.0014807	.0011601	133.7650	.0303186	.0466208	.0367508	44.29711
#2	.0015912	.0013127	140.1936	.0330926	.0469014	.0405084	46.70218
#3	.0019469	.0012294	138.2405	.0314856	.0468760	.0346380	45.93829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.593222	16.58438	.0389447	.0026502	.2461302	.0401471	.1215536
Stddev	.038147	.36872	.0010392	.0003538	.0065667	.0040636	.0021326
%RSD	2.394308	2.223290	2.668504	13.34904	2.667978	10.12173	1.754457

#1	1.553358	16.15927	.0398438	.0030585	.2523590	.0444675	.1231042
#2	1.629380	16.77663	.0378068	.0024362	.2467606	.0364015	.1224350
#3	1.596928	16.81725	.0391834	.0024558	.2392710	.0395724	.1191215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.852228	1.097789	.0377967	.0057869	.2657931	2.560709	.0161825
Stddev	.271795	.004112	.0007311	.0003324	.0064969	.058240	.0012080
%RSD	9.529201	.3745507	1.934397	5.744390	2.444342	2.274351	7.464508

#1	2.593973	1.093041	.0382847	.0060513	.2605821	2.503453	.0161159
#2	3.135792	1.100085	.0381493	.0054137	.2730723	2.619884	.0150093
#3	2.826920	1.100239	.0369561	.0058958	.2637247	2.558791	.0174224

Sample Name: P5210-09LX5 Acquired: 01/07/2025 21:07:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2881014	.0496916	.0325122
Stddev	.0087975	.0016470	.0035592
%RSD	3.053596	3.314525	10.94731
#1	.2786830	.0480778	.0312954
#2	.2961068	.0513700	.0365202
#3	.2895145	.0496269	.0297209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.486	22575.56	1060.498	1755.518	1913.932
Stddev	9.717	183.30	21.707	9.955	5.723
%RSD	.4034629	.8119425	2.046846	.5670595	.2990298
#1	2418.607	22454.61	1084.710	1757.594	1919.399
#2	2399.230	22485.60	1042.779	1744.689	1907.983
#3	2407.620	22786.46	1054.004	1764.271	1914.416

Sample Name: P5210-11 Acquired: 01/07/2025 21:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1553065	.0821792	.4313317	.2250700	.2233627	61.38927	3.890006
Stddev	.0028273	.0051892	.0097513	.0087535	.0028724	.74198	.032590
%RSD	1.820440	6.314493	2.260745	3.889243	1.285962	1.208655	.8377759

#1	.1580455	.0762405	.4425908	.2257106	.2248824	62.24504	3.926450
#2	.1523985	.0858388	.4258110	.2334857	.2251559	60.99716	3.879905
#3	.1554754	.0844583	.4255932	.2160138	.2200497	60.92561	3.863663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0959149	.1010507	597.8838	.5031298	1.092447	.6338077	198.3175
Stddev	.0016758	.0007456	5.8190	.0021356	.008873	.0056972	1.2426
%RSD	1.747184	.7378668	.9732717	.4244634	.8122494	.8988839	.6265683

#1	.0976663	.1018944	604.6003	.5045378	1.102652	.6360392	199.7375
#2	.0957518	.1007774	594.3594	.5041791	1.088134	.6380514	197.4292
#3	.0943267	.1004802	594.6917	.5006726	1.086555	.6273325	197.7858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.586454	68.89329	1.182300	.0589150	1.065389	1.051010	1.347998
Stddev	.049416	.72191	.011434	.0012943	.009330	.015618	.002367
%RSD	.6513720	1.047860	.9670892	2.196850	.8757038	1.485962	.1756091

#1	7.642286	69.72307	1.195117	.0599831	1.076159	1.066563	1.347461
#2	7.548337	68.40947	1.178633	.0592861	1.060216	1.035328	1.350587
#3	7.568740	68.54734	1.173148	.0574757	1.059791	1.051139	1.345945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.882285	5.604357	.1633721	.0052371	1.306304	10.59727	.0618123
Stddev	.396324	.051874	.0030178	.0003992	.023644	.18665	.0032308
%RSD	5.758605	.9255996	1.847195	7.622270	1.810030	1.761314	5.226795

#1	7.330905	5.664256	.1642517	.0052574	1.333291	10.79659	.0653105
#2	6.736255	5.574369	.1600122	.0056257	1.296396	10.56864	.0589408
#3	6.579695	5.574446	.1658524	.0048281	1.289226	10.42660	.0611855

Sample Name: P5210-11 Acquired: 01/07/2025 21:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.223080	.2151038	.1382360
Stddev	.008704	.0025884	.0088899
%RSD	.7116620	1.203328	6.430986
#1	1.233119	.2178339	.1367570
#2	1.217641	.2147923	.1477727
#3	1.218481	.2126853	.1301784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.287	24892.87	1183.753	1921.355	1781.097
Stddev	24.360	86.94	18.118	6.895	19.213
%RSD	.9257886	.3492629	1.530582	.3588583	1.078723
#1	2603.380	24827.13	1162.896	1923.439	1760.143
#2	2642.187	24991.45	1192.761	1926.967	1785.262
#3	2648.293	24860.03	1195.602	1913.658	1797.886

Sample Name: P5129-08DLX2 Acquired: 01/07/2025 21:14:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHML4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554164	.0363851	.4679149	.0070541	.0137233	31.48171	.3364125
Stddev	.0051641	.0040780	.0020622	.0027016	.0034216	.89082	.0104952
%RSD	9.318786	11.20802	.4407202	38.29821	24.93267	2.829648	3.119755
#1	.0518718	.0324286	.4657384	.0047263	.0176738	32.50798	.3478143
#2	.0613415	.0405747	.4681665	.0064194	.0116996	31.02898	.3271551
#3	.0530360	.0361520	.4698397	.0100165	.0117965	30.90818	.3342680
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032952	.0029565	542.5946	.0824059	.0863121	.1738238	85.41490
Stddev	.0001590	.0000498	13.5795	.0022021	.0013456	.0222641	2.16503
%RSD	4.825657	1.684460	2.502689	2.672229	1.558987	12.80844	2.534716
#1	.0032907	.0029000	558.2655	.0802816	.0860168	.1864963	87.90352
#2	.0031384	.0029754	534.2911	.0822578	.0851386	.1868589	84.37652
#3	.0034564	.0029941	535.2273	.0846783	.0877808	.1481163	83.96465
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.903285	46.67545	.0970925	.0008401	.7221101	.0683375	.4880523
Stddev	.116607	1.32327	.0010076	.0031537	.0309709	.0061817	.0114151
%RSD	2.378143	2.835053	1.037726	375.4106	4.288943	9.045866	2.338900
#1	5.037161	48.19448	.0969087	.0015234	.7570222	.0670478	.4751392
#2	4.848795	46.05901	.0961895	.0035961	.6979417	.0750623	.4967986
#3	4.823898	45.77286	.0981793	-.002599	.7113665	.0629024	.4922191
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.393347	2.928542	.0796851	.0063653	.8207956	10.05064	.0362530
Stddev	.532425	.025669	.0053826	.0009290	.0036200	.27217	.0031935
%RSD	12.11889	.8765066	6.754851	14.59476	.4410376	2.707948	8.808835
#1	4.799949	2.917314	.0858886	.0072939	.8166192	10.35593	.0399183
#2	4.589399	2.910401	.0769136	.0054359	.8227319	9.96257	.0347697
#3	3.790694	2.957912	.0762529	.0063661	.8230356	9.83341	.0340709

Sample Name: P5129-08DLX2 Acquired: 01/07/2025 21:14:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHML4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1740431	.3354980	.0624846
Stddev	.0095196	.0089798	.0059852
%RSD	5.469660	2.676561	9.578647
#1	.1815339	.3458656	.0617090
#2	.1633307	.3301661	.0688197
#3	.1772645	.3304623	.0569250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.118	23094.85	1056.692	1787.630	1735.291
Stddev	9.323	349.36	29.544	33.638	10.515
%RSD	.3869812	1.512715	2.795894	1.881712	.6059504
#1	2405.223	23498.20	1023.652	1826.265	1734.663
#2	2419.757	22898.77	1065.854	1764.847	1746.106
#3	2402.374	22887.57	1080.569	1771.777	1725.104

Sample Name: P5121-03DLX5 Acquired: 01/07/2025 21:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382613	.0210099	.4859795	.0017070	.0039163	16.07180	.1409126
Stddev	.0053722	.0007603	.0054331	.0022050	.0049132	.13212	.0018375
%RSD	14.04091	3.618881	1.117967	129.1715	125.4557	.8220783	1.304028
#1	.0439276	.0214389	.4805178	.0034793	-.001687	16.21976	.1430111
#2	.0376148	.0214588	.4860371	.0024039	.007485	16.03000	.1401349
#3	.0332417	.0201320	.4913835	-.000762	.005951	15.96563	.1395918
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021869	.0103934	121.0237	.0237089	.0539867	.0828141	48.02240
Stddev	.0001374	.0002752	.7488	.0008029	.0011194	.0139592	.13947
%RSD	6.281948	2.648071	.6187244	3.386691	2.073524	16.85609	.2904322
#1	.0020607	.0102372	121.5062	.0244774	.0529478	.0748639	48.17962
#2	.0023333	.0102318	121.4039	.0237739	.0551722	.0746460	47.97400
#3	.0021667	.0107112	120.1611	.0228754	.0538401	.0989323	47.91357
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.617192	23.68026	.0462085	.0018935	.3652366	.0418656	18.14030
Stddev	.009670	.16228	.0001240	.0021050	.0096987	.0106653	.04625
%RSD	.5979581	.6852845	.2684204	111.1706	2.655446	25.47517	.2549557
#1	1.626461	23.86322	.0463136	.0000274	.3665692	.0462960	18.10116
#2	1.617950	23.55374	.0462403	.0014777	.3549406	.0496017	18.12839
#3	1.607165	23.62381	.0460717	.0041753	.3742001	.0296991	18.19133
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.973458	1.382364	.0477600	.0056673	.9525261	4.823355	.0191993
Stddev	.535188	.020347	.0021629	.0003760	.0088987	.034685	.0014212
%RSD	27.11930	1.471892	4.528687	6.634356	.9342198	.7191113	7.402316
#1	2.550834	1.358939	.0463964	.0056503	.9434219	4.856888	.0175714
#2	1.493972	1.392505	.0502538	.0053000	.9612040	4.825557	.0198340
#3	1.875569	1.395647	.0466296	.0060514	.9529523	4.787622	.0201926

Sample Name: P5121-03DLX5 Acquired: 01/07/2025 21:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2191571	.1099189	.0234849
Stddev	.0115916	.0004970	.0054574
%RSD	5.289171	.4521337	23.23785
#1	.2304979	.1103404	.0177178
#2	.2196433	.1100454	.0241690
#3	.2073300	.1093709	.0285680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.331	22756.96	1041.417	1767.221	1917.436
Stddev	36.082	130.10	8.252	7.679	28.878
%RSD	1.489567	.5716734	.7923580	.4345333	1.506098
#1	2463.319	22748.12	1033.283	1771.015	1950.449
#2	2395.361	22891.26	1041.187	1772.265	1896.856
#3	2408.314	22631.52	1049.781	1758.384	1905.003

Sample Name: P5211-01 Acquired: 01/07/2025 21:22:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996286	-.001281	11.60323	.0624082	.0271885	56.34917	1.316404
Stddev	.0025808	.005015	.02546	.0013807	.0056615	.56253	.009045
%RSD	1.292791	391.5836	.2193943	2.212387	20.82331	.9982977	.6871233

#1	.2000567	-.005673	11.63261	.0632495	.0298207	55.70749	1.306778
#2	.1968605	.004183	11.58925	.0608147	.0310547	56.58263	1.317708
#3	.2019685	-.002353	11.58782	.0631604	.0206900	56.75738	1.324727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066549	.0062456	54.62273	.1829362	.0893027	.3818589	115.4256
Stddev	.0000496	.0001503	.63045	.0003868	.0009034	.0051292	.6637
%RSD	.7452485	2.406220	1.154184	.2114153	1.011626	1.343230	.5749786

#1	.0066898	.0063857	53.90056	.1824918	.0891295	.3857425	114.6593
#2	.0066768	.0060868	54.90440	.1831960	.0884985	.3760444	115.8177
#3	.0065981	.0062642	55.06324	.1831210	.0902802	.3837897	115.7997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.503220	20.76957	.1601812	-.001082	.5210260	.2120044	1.034851
Stddev	.060750	.19440	.0006575	.001620	.0270327	.0098902	.002210
%RSD	.7144375	.9359903	.4104641	149.7045	5.188356	4.665071	.2135531

#1	8.433097	20.55082	.1608849	-.002353	.5128527	.2017021	1.032821
#2	8.536654	20.92258	.1600761	-.001635	.4990232	.2128878	1.034526
#3	8.539909	20.83530	.1595826	.000742	.5512022	.2214232	1.037205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203655	9.828303	.0736484	.0119520	3.181432	2.400787	.0767154
Stddev	.348189	.033845	.0030770	.0004451	.011296	.003658	.0007974
%RSD	28.92766	.3443672	4.177916	3.723909	.3550485	.1523698	1.039403

#1	1.335299	9.867355	.0744122	.0120237	3.189258	2.404999	.0766796
#2	1.466828	9.810076	.0762715	.0123569	3.168483	2.398956	.0759365
#3	.808837	9.807477	.0702614	.0114754	3.186555	2.398406	.0775300

Sample Name: P5211-01 Acquired: 01/07/2025 21:22:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5936998	.1433335	.0958827
Stddev	.0023117	.0011983	.0071672
%RSD	.3893743	.8360584	7.474921
#1	.5910367	.1419672	.0980412
#2	.5948743	.1438267	.1017225
#3	.5951886	.1442064	.0878844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2736.615	26170.11	1182.150	2029.604	1981.633
Stddev	18.688	94.19	6.743	15.076	11.713
%RSD	.6828846	.3599118	.5703880	.7427998	.5910585
#1	2718.846	26278.72	1189.269	2043.262	1972.474
#2	2734.896	26120.72	1181.321	2032.122	1977.595
#3	2756.103	26110.88	1175.860	2013.427	1994.831

Sample Name: P5211-02 Acquired: 01/07/2025 21:26:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2794962	-.012503	1.905669	.0748946	.0312901	71.81374
Stddev	.0077835	.000981	.046362	.0051537	.0038131	.28316
%RSD	2.784848	7.844926	2.432858	6.881204	12.18643	.3942929

#1	.2845725	-.012819	1.868019	.0796340	.0268895	71.97769
#2	.2705348	-.013286	1.891535	.0694082	.0336193	71.97674
#3	.2833811	-.011403	1.957453	.0756417	.0333613	71.48678

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.668353	.0083381	.0081993	51.56485	.2299033	.1127251
Stddev	.009013	.0001286	.0003241	.15511	.0022545	.0025362
%RSD	.5402225	1.542187	3.952607	.3008088	.9806257	2.249905

#1	1.671742	.0083795	.0080786	51.64500	.2318461	.1107174
#2	1.675180	.0081939	.0079530	51.66349	.2274313	.1118825
#3	1.658137	.0084409	.0085665	51.38606	.2304326	.1155753

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061349	138.6549	9.412001	16.81393	.2212815	-.002218
Stddev	.0211574	.9627	.070044	.09460	.0057588	.000727
%RSD	4.180191	.6943087	.7442007	.5626003	2.602484	32.77993

#1	.5084600	139.0689	9.436857	16.84860	.2158860	-.001957
#2	.5260337	139.3414	9.466228	16.70689	.2206133	-.001657
#3	.4839110	137.5545	9.332919	16.88629	.2273453	-.003039

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7324229	.2484228	1.325548	3.025018	F 10.85528	.0880573
Stddev	.0303959	.0109399	.009211	.229821	.26392	.0010092
%RSD	4.150046	4.403738	.6948770	7.597349	2.431258	1.146062

#1	.7653520	.2443399	1.327618	2.871464	10.64357	.0871310
#2	.7264781	.2401116	1.315478	3.289235	10.77130	.0891328
#3	.7054386	.2608170	1.333547	2.914356	11.15097	.0879080

Sample Name: P5211-02 Acquired: 01/07/2025 21:26:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124932	3.163774	8.886879	.0816793	.8225261	.2153983
Stddev	.0004173	.075851	.088453	.0008015	.0068300	.0011217
%RSD	3.340639	2.397489	.9953221	.9812473	.8303628	.5207583
#1	.0127270	3.100685	8.982714	.0818735	.8209082	.2157802
#2	.0120113	3.142705	8.869552	.0807985	.8300198	.2162792
#3	.0127412	3.247932	8.808373	.0823658	.8166504	.2141355

Elem	Li6707
Units	ppm
Avg	.1328545
Stddev	.0057805
%RSD	4.350970
#1	.1373075
#2	.1349341
#3	.1263220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.329	27146.21	1244.496	2114.491	1997.643
Stddev	46.352	73.00	11.221	10.963	43.969
%RSD	1.627917	.2689150	.9016835	.5184816	2.201037
#1	2891.607	27077.67	1232.403	2116.360	2035.440
#2	2851.232	27222.97	1246.513	2124.400	2008.100
#3	2799.149	27137.99	1254.572	2102.713	1949.388

Sample Name: P5211-03 Acquired: 01/07/2025 21:30:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2588983	-.016443	1.761692	.0909709	.0336204	74.91708
Stddev	.0078589	.004727	.038820	.0026424	.0024257	.38546
%RSD	3.035501	28.75012	2.203588	2.904709	7.214931	.5145124

#1	.2676484	-.021811	1.784747	.0879197	.0335333	74.48223
#2	.2524403	-.014617	1.783457	.0924852	.0312394	75.05232
#3	.2566061	-.012901	1.716872	.0925077	.0360884	75.21670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.594513	.0078660	.0082992	48.51030	.1962753	.1072996
Stddev	.005176	.0000850	.0003343	.25547	.0014483	.0020958
%RSD	.3245965	1.079922	4.027853	.5266224	.7378917	1.953239

#1	1.588923	.0078361	.0085661	48.21567	.1979158	.1080187
#2	1.595479	.0077999	.0084071	48.67029	.1951740	.1089412
#3	1.599138	.0079618	.0079243	48.64493	.1957360	.1049389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4651972	148.1873	10.43988	20.81512	.2056797	-.002092
Stddev	.0047406	.5654	.03689	.26108	.0060405	.000455
%RSD	1.019058	.3815233	.3533388	1.254281	2.936841	21.73297

#1	.4706591	147.6102	10.40504	20.51365	.2095354	-.001944
#2	.4621512	148.2115	10.43608	20.96574	.2087856	-.001729
#3	.4627813	148.7402	10.47852	20.96597	.1987182	-.002602

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6900810	.2524162	1.308218	3.170318	F 10.78601	.0923191
Stddev	.0043214	.0049901	.005992	.194659	.23996	.0017941
%RSD	.6262130	1.976937	.4580334	6.140031	2.224762	1.943367

#1	.6945186	.2492757	1.306760	3.194873	10.92956	.0917828
#2	.6898384	.2581703	1.303089	2.964548	10.91950	.0908542
#3	.6858860	.2498027	1.314804	3.351535	10.50899	.0943201

Sample Name: P5211-03 Acquired: 01/07/2025 21:30:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127264	2.694329	10.95040	.0800069	.8703983	.1824040
Stddev	.0002448	.065460	.04803	.0034560	.0109891	.0019264
%RSD	1.923515	2.429541	.4386548	4.319641	1.262542	1.056088
#1	.0125673	2.733717	10.91639	.0832290	.8577545	.1808353
#2	.0126035	2.730504	10.92946	.0804348	.8776482	.1818226
#3	.0130082	2.618765	11.00535	.0763568	.8757923	.1845541

Elem	Li6707
Units	ppm
Avg	.1384784
Stddev	.0070818
%RSD	5.114019
#1	.1446978
#2	.1307707
#3	.1399665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2836.650	26870.96	1236.867	2097.492	1986.360
Stddev	44.237	143.56	5.503	11.980	41.032
%RSD	1.559497	.5342697	.4449437	.5711506	2.065666
#1	2805.411	26897.32	1240.894	2100.823	1963.400
#2	2817.269	26999.51	1239.110	2107.454	1961.948
#3	2887.270	26716.04	1230.596	2084.200	2033.732

Sample Name: P5211-04 Acquired: 01/07/2025 21:34:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1774632	-.012236	.8033180	.0982423	.0358600	76.00885
Stddev	.0025129	.003816	.0029734	.0046718	.0036330	.92048
%RSD	1.416029	31.18978	.3701358	4.755376	10.13099	1.211017

#1	.1766861	-.011028	.8034346	.1033199	.0398543	76.94076
#2	.1802729	-.016511	.8002881	.0972810	.0327525	75.98553
#3	.1754307	-.009170	.8062314	.0941259	.0349732	75.10025

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.747434	.0073367	.0072119	47.63808	.1363781	.1047211
Stddev	.022440	.0000963	.0001735	.57634	.0016210	.0001565
%RSD	1.284159	1.312190	2.405954	1.209840	1.188611	.1494049

#1	1.768967	.0072313	.0070640	48.24642	.1350515	.1048172
#2	1.749148	.0073588	.0071688	47.56762	.1381850	.1048056
#3	1.724186	.0074201	.0074029	47.10021	.1358979	.1045406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2438527	159.8614	16.93230	21.18137	.1690442	-.001695
Stddev	.0017665	1.5055	.17374	.30269	.0014233	.002739
%RSD	.7244095	.9417801	1.026089	1.429019	.8419389	161.5771

#1	.2423396	161.3983	17.10061	21.46539	.1674008	.001093
#2	.2457939	159.7964	16.94269	21.21577	.1698567	-.001795
#3	.2434246	158.3894	16.75360	20.86296	.1698751	-.004382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4444608	.2194194	.7854961	3.615895	F 10.21946	.0893747
Stddev	.0133487	.0079287	.0013029	.147603	.04056	.0023573
%RSD	3.003353	3.613499	.1658652	4.082061	.3968468	2.637585

#1	.4560770	.2164016	.7841096	3.720089	10.18352	.0920323
#2	.4474269	.2134427	.7866949	3.680607	10.21145	.0885557
#3	.4298785	.2284139	.7856837	3.446989	10.26343	.0875361

Sample Name: P5211-04 Acquired: 01/07/2025 21:34:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138807	2.629906	11.49392	.0590910	.7046982	.0900716
Stddev	.0005501	.010017	.13657	.0005237	.0072604	.0005510
%RSD	3.963244	.3808708	1.188196	.8862008	1.030290	.6117175
#1	.0141439	2.619010	11.65161	.0593074	.7120579	.0903969
#2	.0132484	2.631994	11.41331	.0584938	.6975413	.0903825
#3	.0142498	2.638714	11.41685	.0594718	.7044954	.0894355

Elem	Li6707
Units	ppm
Avg	.1171070
Stddev	.0020225
%RSD	1.727075
#1	.1191227
#2	.1171205
#3	.1150777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.358	28218.51	1293.209	2199.599	2009.893
Stddev	5.035	126.36	9.633	6.078	4.845
%RSD	.1693791	.4478057	.7449156	.2763408	.2410611
#1	2970.982	28321.53	1282.424	2201.824	2009.763
#2	2977.937	28077.51	1296.242	2192.722	2014.802
#3	2968.154	28256.47	1300.961	2204.252	2005.114

Sample Name: P5211-05 Acquired: 01/07/2025 21:37:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1416486	.0153879	.4506188	.1028821	.0275353	75.05966
Stddev	.0057760	.0020217	.0023574	.0039548	.0027288	.37323
%RSD	4.077712	13.13796	.5231529	3.844052	9.910127	.4972474

#1	.1472861	.0171437	.4480839	.1073985	.0256558	75.41499
#2	.1419165	.0131777	.4510271	.1000388	.0306653	74.67079
#3	.1357433	.0158425	.4527454	.1012090	.0262849	75.09318

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.386501	.0063692	.0112394	52.36936	.1344235	.1064005
Stddev	.014689	.0000649	.0002329	.22541	.0007936	.0010863
%RSD	.6155008	1.018951	2.072091	.4304241	.5903879	1.020964

#1	2.399518	.0064441	.0109771	52.62840	.1353000	.1051765
#2	2.370575	.0063290	.0113188	52.26182	.1337537	.1072500
#3	2.389410	.0063345	.0114222	52.21785	.1342167	.1067751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1985841	153.3559	F 31.76972	20.89165	.2034002	.0026893
Stddev	.0088614	.7356	.13730	.06732	.0018551	.0007645
%RSD	4.462265	.4796884	.4321765	.3222466	.9120185	28.42778

#1	.2061824	153.7805	31.84112	20.96937	.2012656	.0026138
#2	.1888501	152.5065	31.61143	20.85369	.2043134	.0019654
#3	.2007199	153.7807	31.85660	20.85186	.2046217	.0034888

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3616205	.1707687	.6451351	1.865846	F 11.61613	.0909897
Stddev	.0167072	.0018535	.0073187	.337228	.07073	.0023196
%RSD	4.620078	1.085404	1.134444	18.07376	.6088616	2.549268

#1	.3789506	.1715645	.6535825	1.648141	11.53540	.0932371
#2	.3602959	.1686502	.6406982	1.695097	11.66717	.0886041
#3	.3456151	.1720915	.6411247	2.254299	11.64582	.0911279

Sample Name: P5211-05 Acquired: 01/07/2025 21:37:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207125	3.579312	11.01272	.0339939	.5593032	.0995388
Stddev	.0006206	.031513	.05489	.0025537	.0075834	.0003320
%RSD	2.996420	.8804197	.4984032	7.512306	1.355864	.3335688
#1	.0201564	3.543415	11.07062	.0316223	.5652833	.0995198
#2	.0213820	3.602418	11.00612	.0336621	.5507736	.0992167
#3	.0205991	3.592105	10.96144	.0366973	.5618527	.0998799

Elem	Li6707
Units	ppm
Avg	.0951216
Stddev	.0048199
%RSD	5.067142
#1	.0953184
#2	.0998402
#3	.0902063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3193.832	30100.18	1389.272	2344.693	2000.010
Stddev	5.700	133.73	2.536	20.517	9.648
%RSD	.1784540	.4442962	.1825372	.8750330	.4823966
#1	3200.351	29958.65	1386.562	2322.159	2011.132
#2	3191.351	30224.44	1389.665	2362.293	1994.998
#3	3189.793	30117.45	1391.588	2349.626	1993.899

Sample Name: P5211-06 Acquired: 01/07/2025 21:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1459364	-.014492	.3743829	.1080252	.0347482	72.87586	1.844849
Stddev	.0016767	.002706	.0003281	.0076641	.0025743	1.88508	.045561
%RSD	1.148916	18.67261	.0876297	7.094780	7.408387	2.586706	2.469621
#1	.1476446	-.011891	.3740156	.1088546	.0330712	71.48137	1.807368
#2	.1458715	-.014291	.3746469	.0999801	.0334612	72.12565	1.831617
#3	.1442932	-.017292	.3744861	.1152409	.0377122	75.02054	1.895561
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065643	.0070057	43.04392	.1425708	.1065843	.1508894	170.7687
Stddev	.0002081	.0000300	1.22681	.0020182	.0009902	.0098053	4.1352
%RSD	3.169513	.4287653	2.850138	1.415596	.9290612	6.498311	2.421494
#1	.0063240	.0070089	42.06526	.1402847	.1055993	.1446797	167.5484
#2	.0066843	.0070340	42.64626	.1441057	.1075797	.1457953	169.3259
#3	.0066844	.0069742	44.42023	.1433220	.1065739	.1621932	175.4320
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.17819	22.89377	.1710697	-.001534	.4993622	.1864766	.6370061
Stddev	.51830	.63779	.0011930	.001554	.0320090	.0101201	.0164710
%RSD	2.568597	2.785855	.6973730	101.3109	6.409980	5.427005	2.585688
#1	19.76028	22.33372	.1697618	-.002186	.4861308	.1794021	.6201917
#2	20.01615	22.75963	.1713492	.000240	.4760903	.1980687	.6531107
#3	20.75815	23.58796	.1720982	-.002656	.5358656	.1819591	.6377159
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.024552	8.888741	.0915977	.0099167	2.043756	11.11812	.0295472
Stddev	.292793	.029250	.0046232	.0006497	.003256	.18991	.0008631
%RSD	28.57767	.3290708	5.047297	6.551640	.1592914	1.708079	2.921121
#1	.708666	8.857862	.0866774	.0091684	2.044847	10.96698	.0303459
#2	1.286848	8.916031	.0922644	.0102450	2.046325	11.05610	.0286316
#3	1.078143	8.892331	.0958514	.0103368	2.040095	11.33129	.0296641

Sample Name: P5211-06 Acquired: 01/07/2025 21:41:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6810538	.0155778	.1044191
Stddev	.0203022	.0007559	.0027907
%RSD	2.980997	4.852641	2.672629
#1	.6709615	.0147891	.1012262
#2	.6677754	.0156483	.1063926
#3	.7044245	.0162960	.1056386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.899	28079.12	1298.141	2200.866	2022.942
Stddev	13.872	461.76	25.382	45.825	11.673
%RSD	.4573698	1.644506	1.955264	2.082120	.5770426
#1	3043.546	28583.20	1316.384	2253.124	2032.149
#2	3017.213	27676.57	1308.886	2167.546	2009.812
#3	3037.940	27977.60	1269.154	2181.927	2026.863

Sample Name: CCV129 Acquired: 01/07/2025 21:45:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV129 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.095149	4.852101	24.79139	5.027801	5.021848	409.2398
Stddev	.021392	.139125	.72767	.145643	.162207	9.8672
%RSD	.4198528	2.867320	2.935158	2.896752	3.230034	2.411112
#1	5.114437	5.000840	25.57598	5.182532	5.183440	404.8226
#2	5.098869	4.830298	24.65951	5.007496	5.023071	402.3529
#3	5.072141	4.725165	24.13868	4.893377	4.859032	420.5439
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21438	.5131268	2.483991	412.3863	15.29533	2.500229
Stddev	.27065	.0078603	.076727	10.0230	.35954	.077934
%RSD	2.649705	1.531837	3.088864	2.430494	2.350673	3.117060
#1	10.09533	.5120473	2.567238	406.8793	15.50519	2.585169
#2	10.02365	.5058621	2.468625	406.3241	14.88018	2.483502
#3	10.52414	.5214710	2.416109	423.9555	15.50063	2.432018
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80905	415.1727	14.71342	403.9084	2.520371	1.224279
Stddev	.42085	10.9575	.37834	9.8434	.077178	.026714
%RSD	2.662109	2.639260	2.571389	2.437048	3.062155	2.182034
#1	15.64787	410.1277	14.55776	400.0106	2.603887	1.238745
#2	15.49262	407.6464	14.43774	396.6109	2.505541	1.193451
#3	16.28668	427.7440	15.14476	415.1039	2.451684	1.240640
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	419.2018	2.532288	14.61640	152.4689	4.901913	5.246087
Stddev	6.6976	.071152	.38608	4.2375	.147396	.069474
%RSD	1.597702	2.809785	2.641405	2.779227	3.006899	1.324308
#1	415.5932	2.488101	14.79338	150.4109	5.057893	5.235701
#2	415.0823	2.494397	14.17355	149.6536	4.882898	5.182390
#3	426.9299	2.614367	14.88226	157.3423	4.764948	5.320170

Sample Name: CCV129 Acquired: 01/07/2025 21:45:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV129 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.898420	4.977660	F 10.93286	5.049203	5.096289	4.806492
Stddev	.148633	.160635	.14248	.150205	.152832	.125919
%RSD	3.034314	3.227122	1.303255	2.974824	2.998880	2.619770
#1	5.055122	5.152374	10.90915	5.212733	5.039563	4.749180
#2	4.880694	4.944245	10.80372	5.017489	4.979931	4.719424
#3	4.759444	4.836360	11.08571	4.917387	5.269373	4.950872

Elem	Li6707
Units	ppm
Avg	4.953331
Stddev	.152204
%RSD	3.072758
#1	4.910513
#2	4.827122
#3	5.122357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.154	20304.04	954.2596	1518.875	1579.116
Stddev	50.965	437.95	11.5616	33.530	38.989
%RSD	2.536654	2.156968	1.211573	2.207560	2.469052
#1	1955.449	20104.26	958.9919	1507.780	1536.233
#2	2015.165	20806.26	962.7042	1556.546	1588.684
#3	2056.846	20001.61	941.0826	1492.298	1612.430

Sample Name: CCB129 Acquired: 01/07/2025 21:49:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB129 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006673	-.000365	.0034704	.0021635	-.005207	-.040833
Stddev	.003077	.001624	.0019114	.0045200	.002336	.036068
%RSD	46.10413	445.2490	55.07573	208.9203	44.85486	88.33067

#1	-.003123	-.001466	.0036671	.0063955	-.007055	-.027949
#2	-.008338	-.001129	.0014684	.0026929	-.005984	-.081574
#3	-.008559	.001501	.0052759	-.002598	-.002582	-.012977

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031350	.0000225	.0000187	.0426367	.0002812	-.000687
Stddev	.0014324	.0002122	.0001505	.0879819	.0018974	.000355
%RSD	45.69151	941.8095	804.4425	206.3523	674.7140	51.65290

#1	.0036849	-.000135	.0001554	.1385530	.0024721	-.000970
#2	.0015091	.000264	.0000434	.0236762	-.000805	-.000801
#3	.0042109	-.000061	-.000143	-.034319	-.000824	-.000289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012815	.0504369	.0047813	-.056541	.0003152	.0034562
Stddev	.010514	.0715324	.0032563	.142173	.0001846	.0011323
%RSD	82.04760	141.8255	68.10641	251.4493	58.55113	32.76033

#1	-.023881	.0457485	.0054315	.095919	.0003735	.0040762
#2	-.011607	.1241982	.0012489	-.080047	.0004636	.0021494
#3	-.002957	-.018636	.0076635	-.185496	.0001086	.0041432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2655036	-.005480	.0062917	1.428788	-.002011	.0171854
Stddev	.0356031	.011815	.0005899	.238094	.002490	.0021062
%RSD	13.40967	215.5951	9.376337	16.66402	123.8024	12.25595

#1	.2841879	.001754	.0068722	1.678368	-.002949	.0195987
#2	.2878751	.000920	.0063100	1.204144	-.003896	.0162399
#3	.2244478	-.019114	.0056928	1.403851	.000811	.0157175

Sample Name: CCB129 Acquired: 01/07/2025 21:49:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v83) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB129 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005990	.0015382	-.005051	.0013377	-.000478	-.000335
Stddev	.0003635	.0069013	.000992	.0013432	.004518	.000139
%RSD	60.68603	448.6629	19.63035	100.4167	945.9915	41.43517
#1	.0007664	-.006289	-.005563	-.000117	-.005023	-.000210
#2	.0001820	.004157	-.003908	.001599	.004012	-.000309
#3	.0008487	.006747	-.005682	.002531	-.000422	-.000484

Elem	Li6707
Units	ppm
Avg	F .0154877
Stddev	.0044113
%RSD	28.48291
#1	.0117568
#2	.0143497
#3	.0203565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.924	22821.55	1006.128	1776.976	2075.590
Stddev	14.565	185.79	39.189	9.784	8.577
%RSD	.6036162	.8141105	3.895071	.5506155	.4132550
#1	2400.397	22616.72	960.898	1765.810	2069.608
#2	2409.469	22979.22	1027.505	1781.071	2071.745
#3	2428.905	22868.71	1029.980	1784.048	2085.417