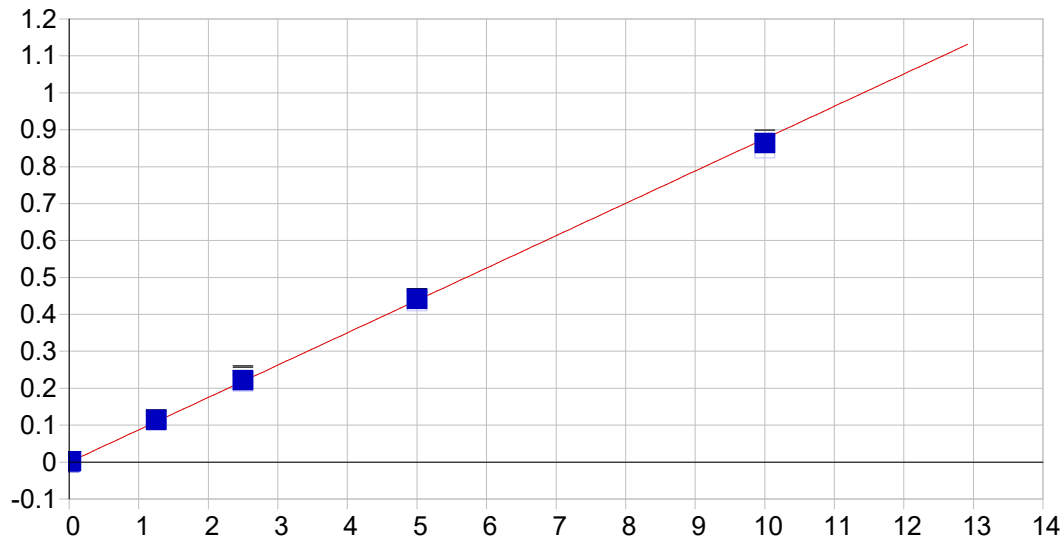


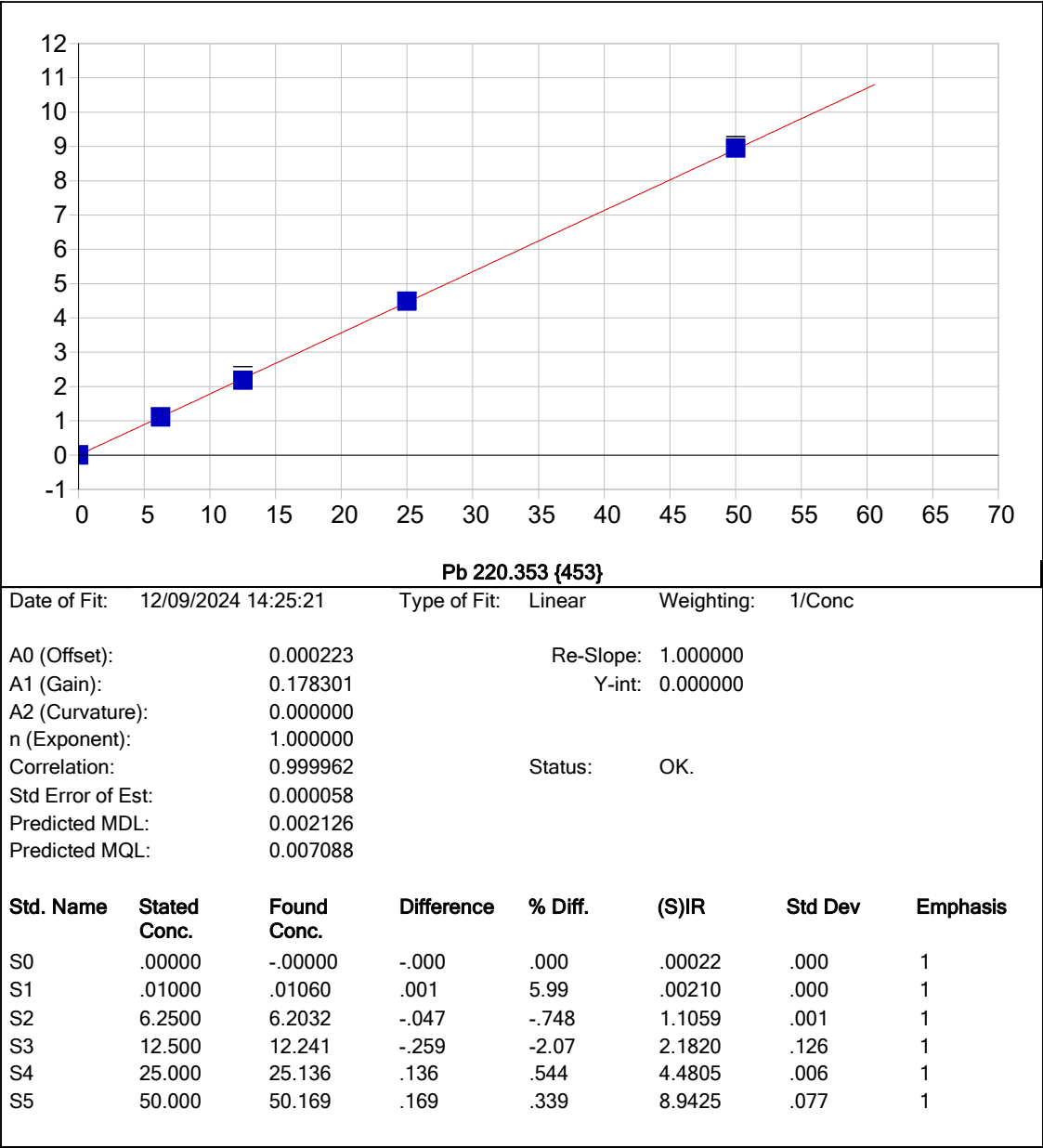


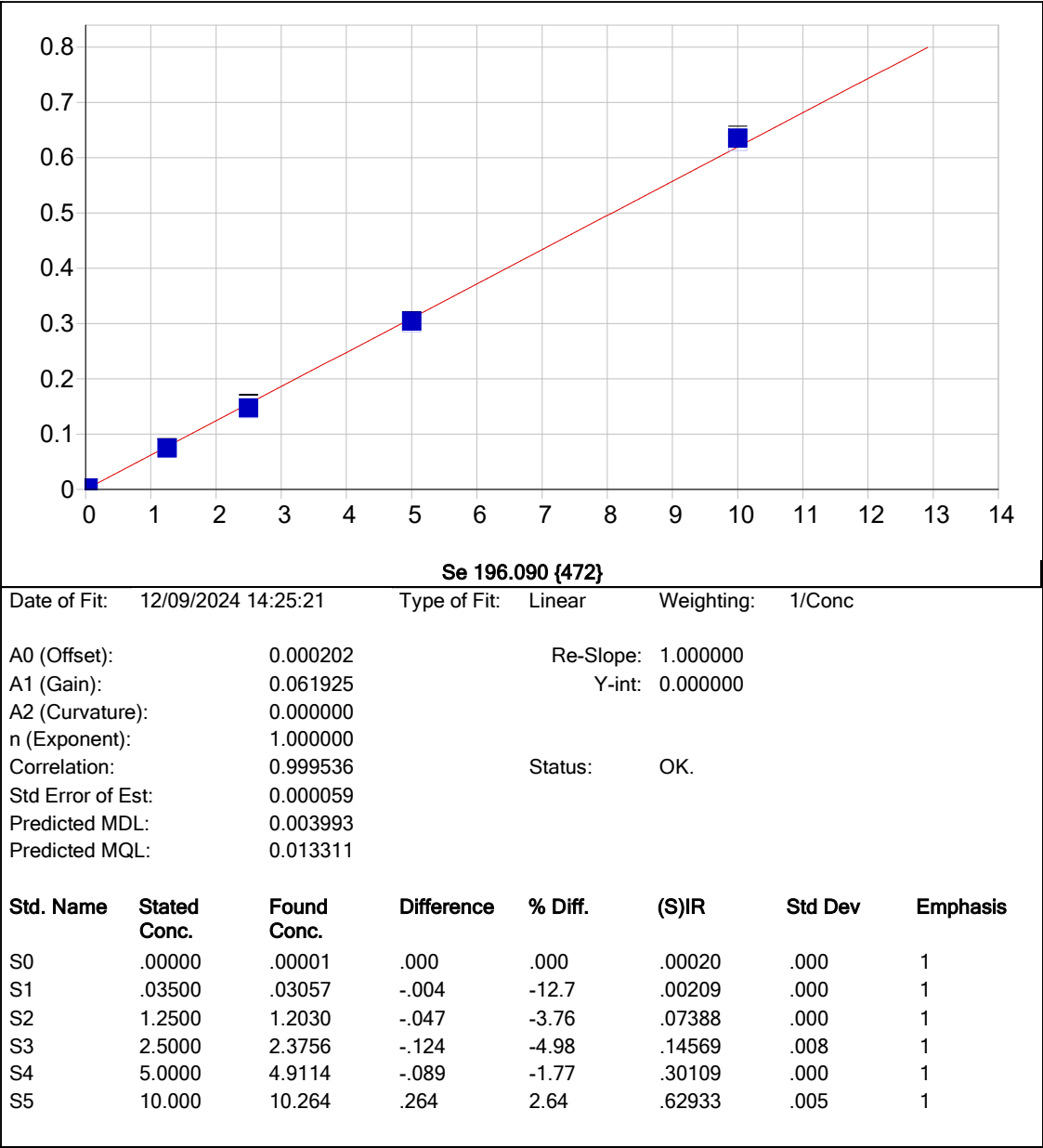
TI 190.856 (477)

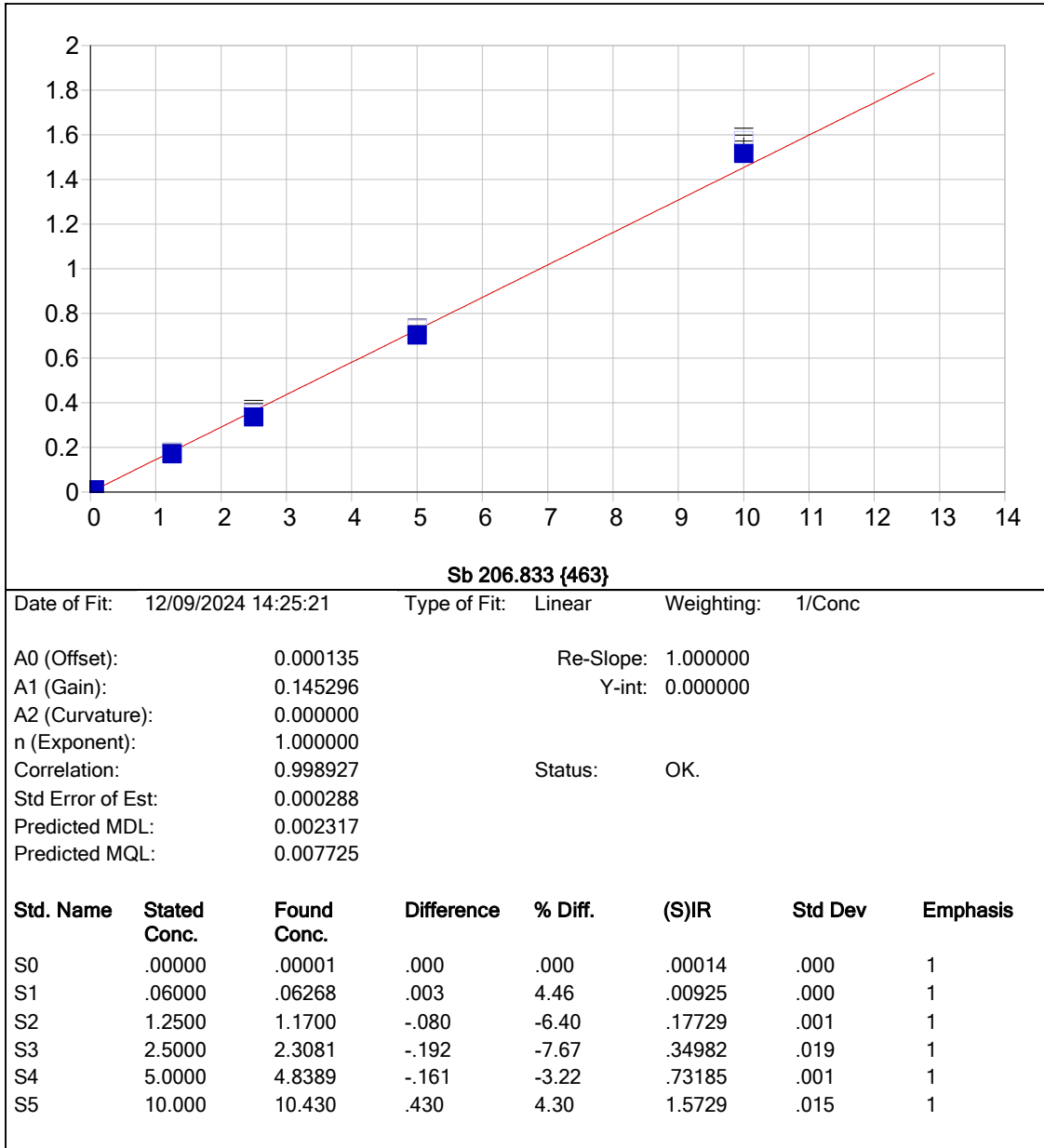
Date of Fit: 12/09/2024 14:25:21 Type of Fit: Linear Weighting: 1/Conc

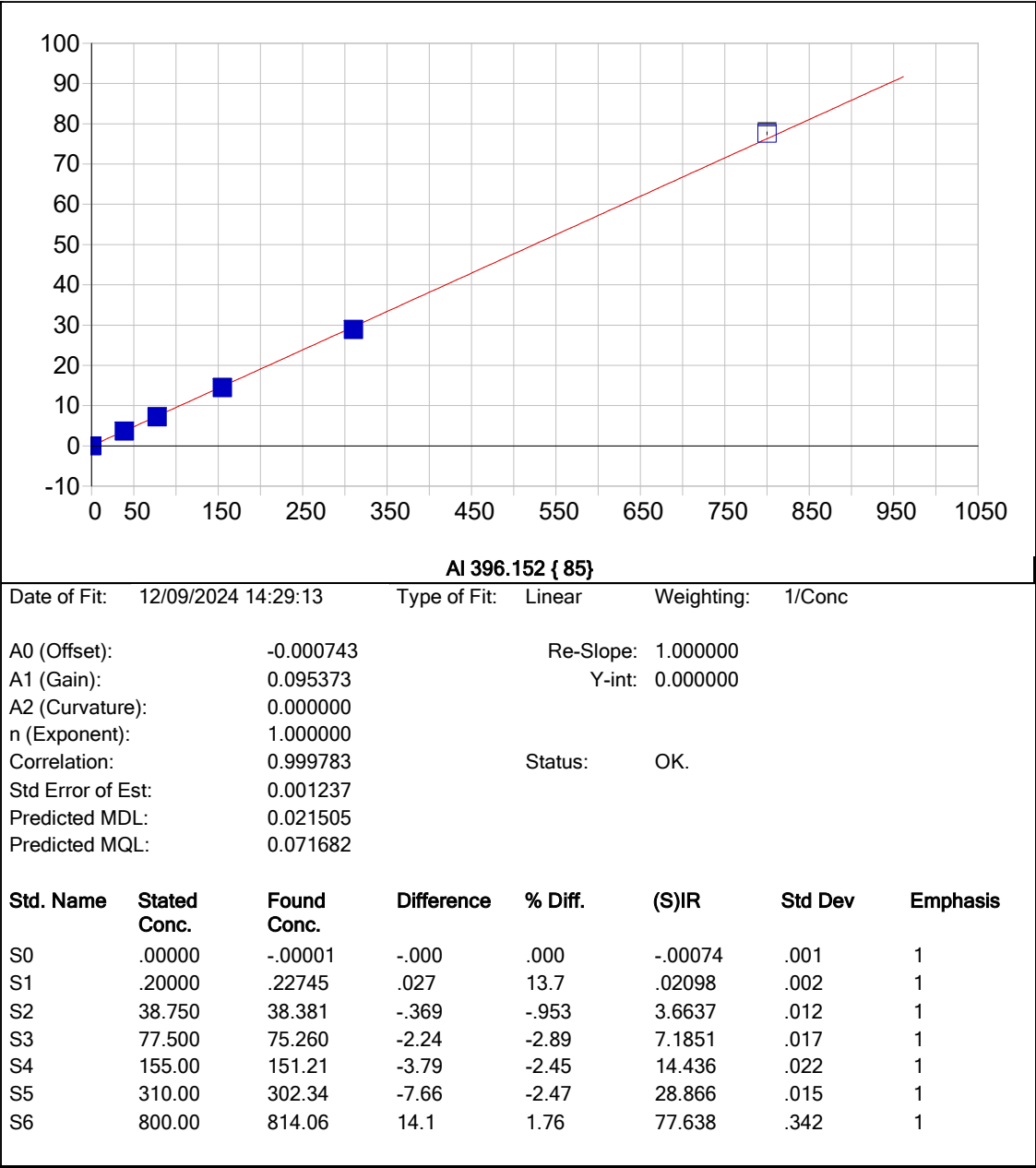
A0 (Offset): -0.000236 Re-Slope: 1.000000
A1 (Gain): 0.087611 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999855 Status: OK.
Std Error of Est: 0.000039
Predicted MDL: 0.001935
Predicted MQL: 0.006451

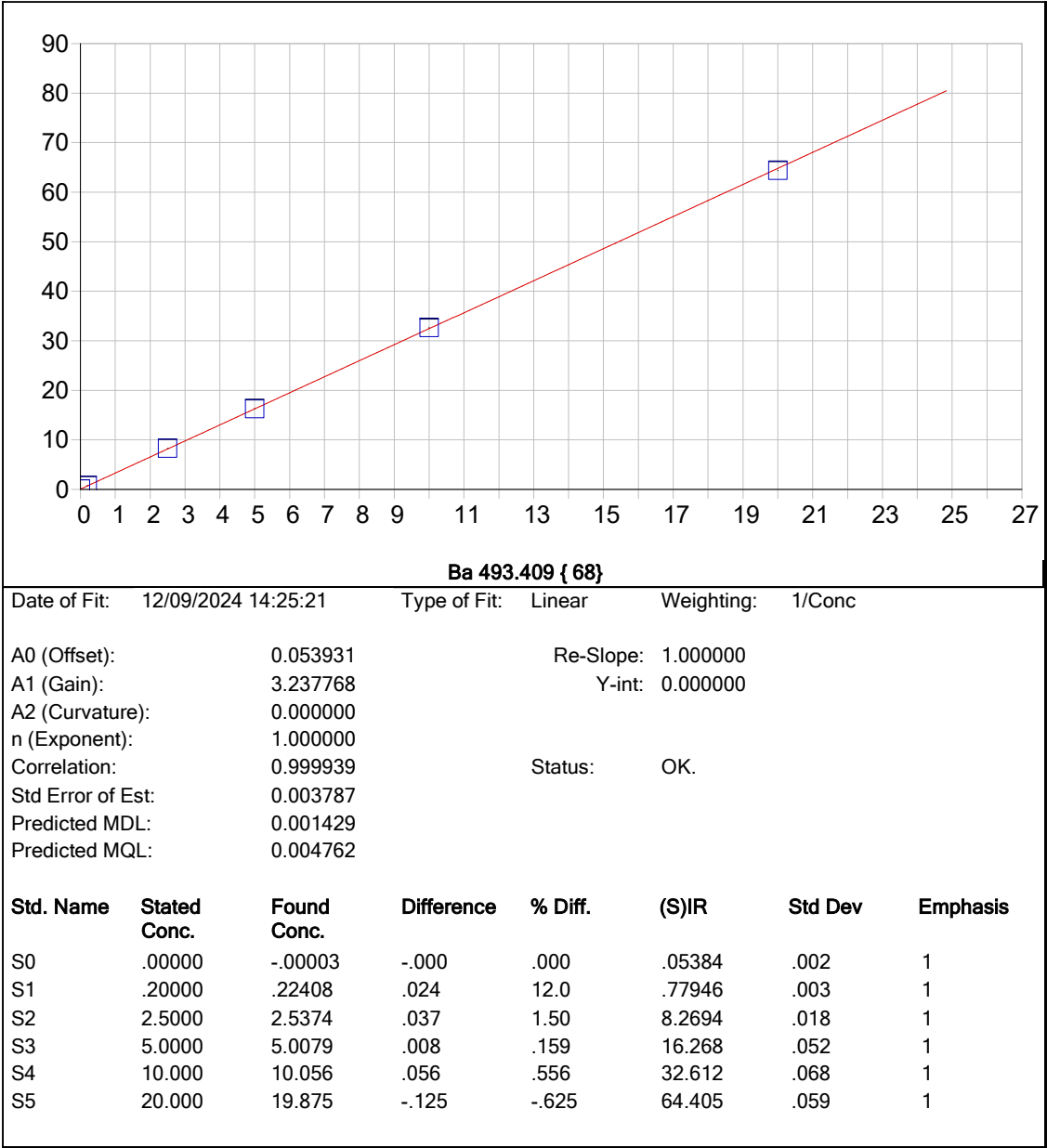
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02500	.02709	.002	8.37	.00206	.000	1
S2	1.2500	1.3040	.054	4.32	.11232	.000	1
S3	2.5000	2.5324	.032	1.29	.21824	.012	1
S4	5.0000	5.0488	.049	.977	.43532	.000	1
S5	10.000	9.8627	-.137	-1.37	.85028	.008	1

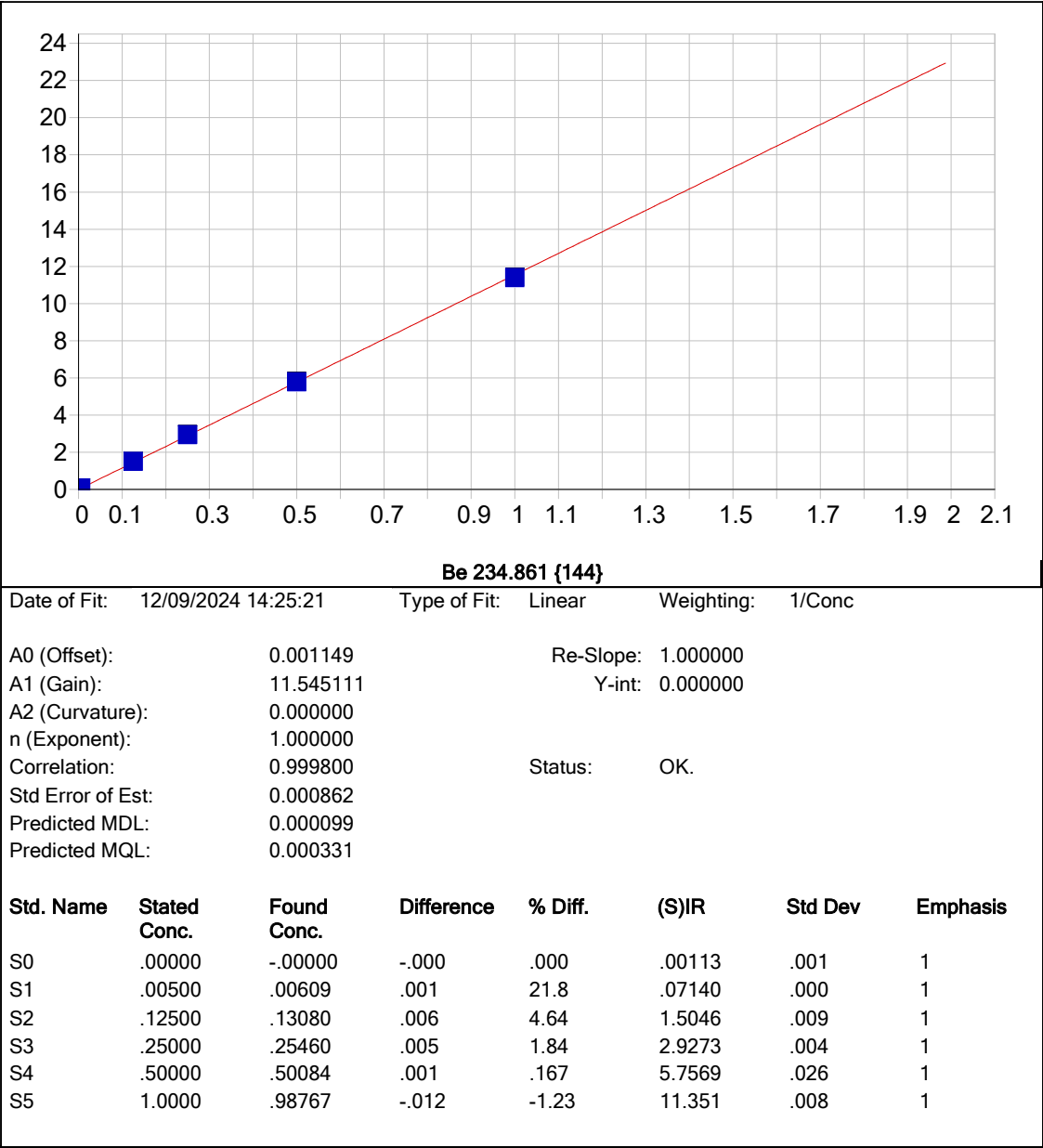


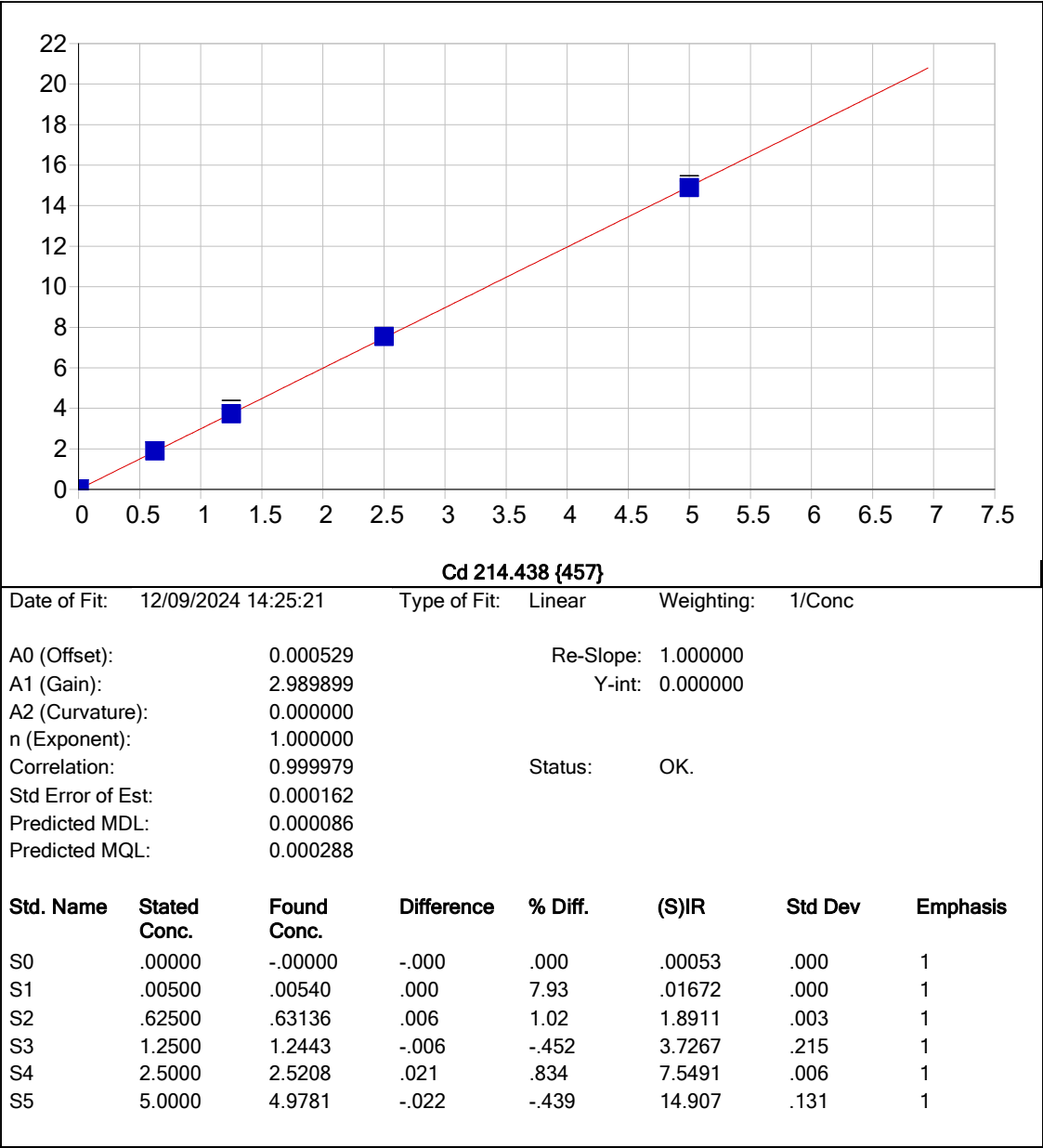


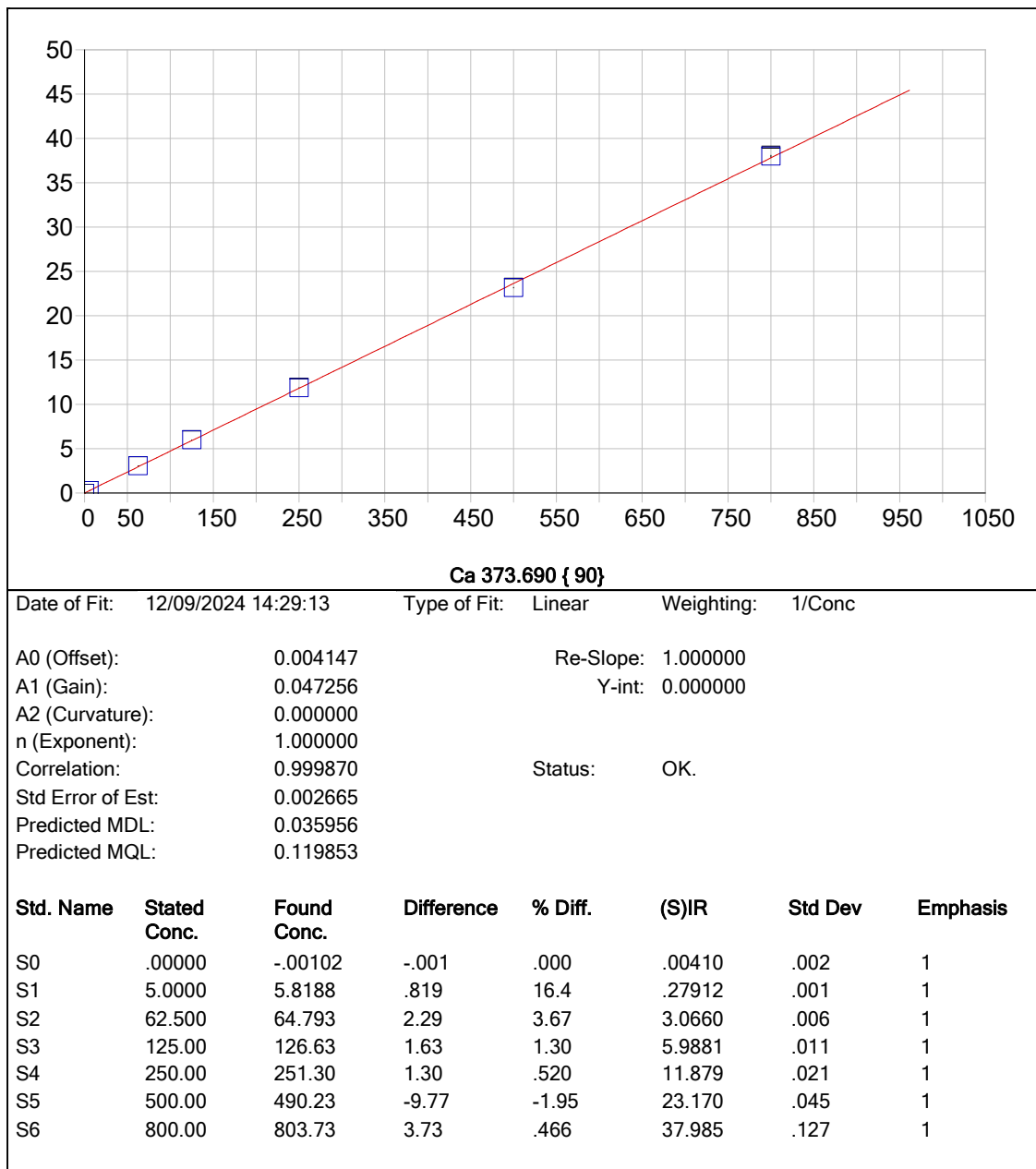


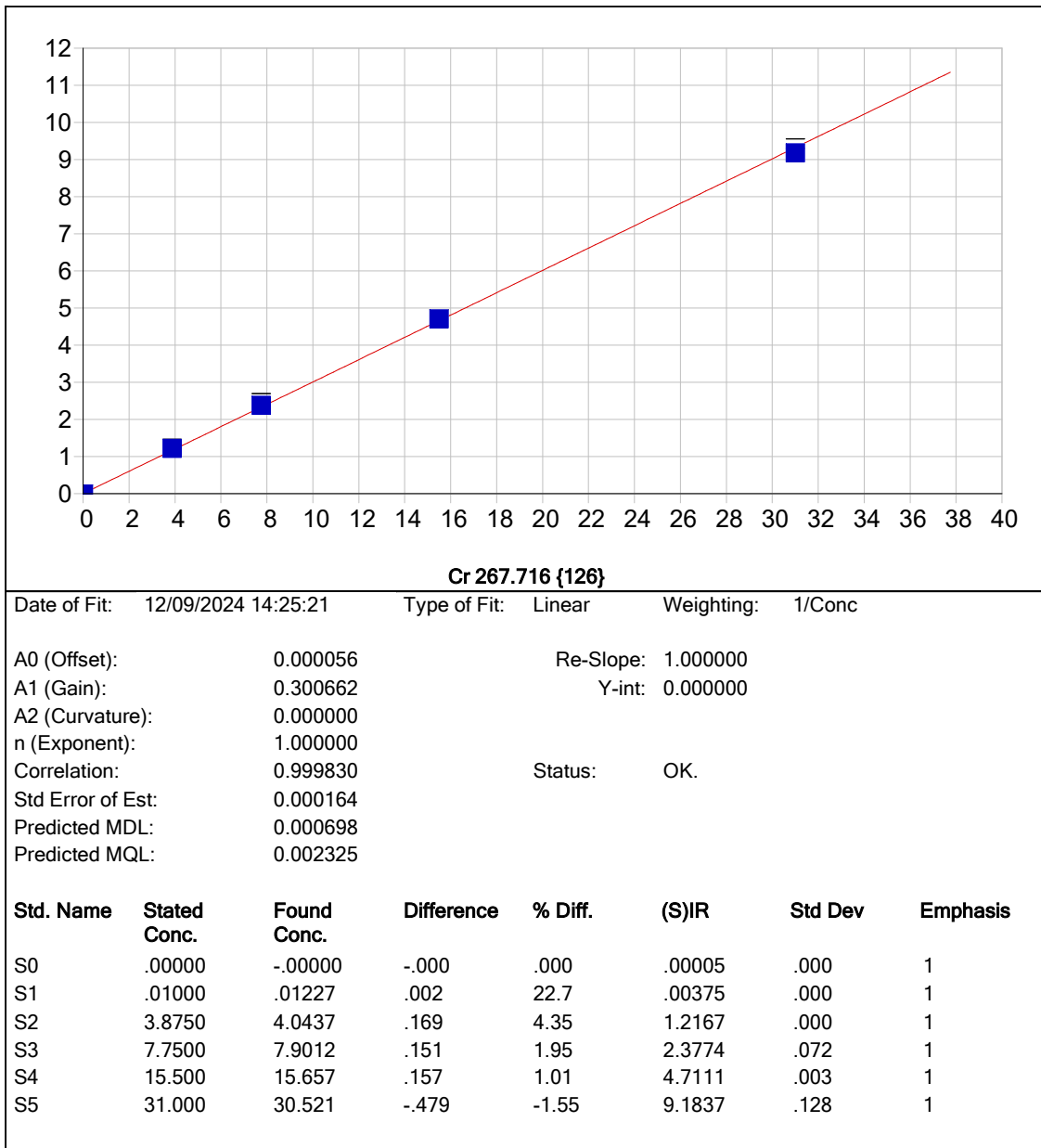


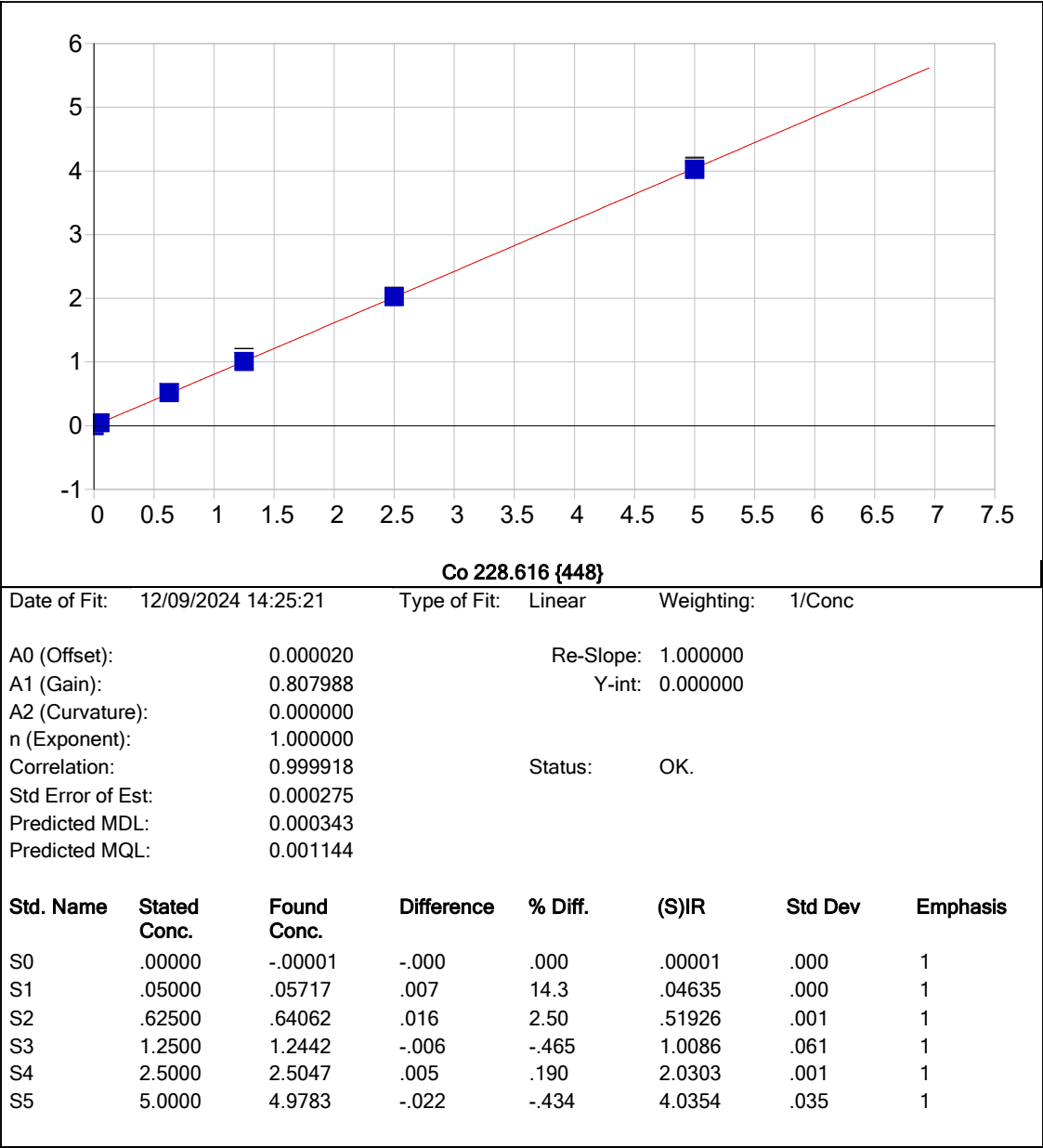


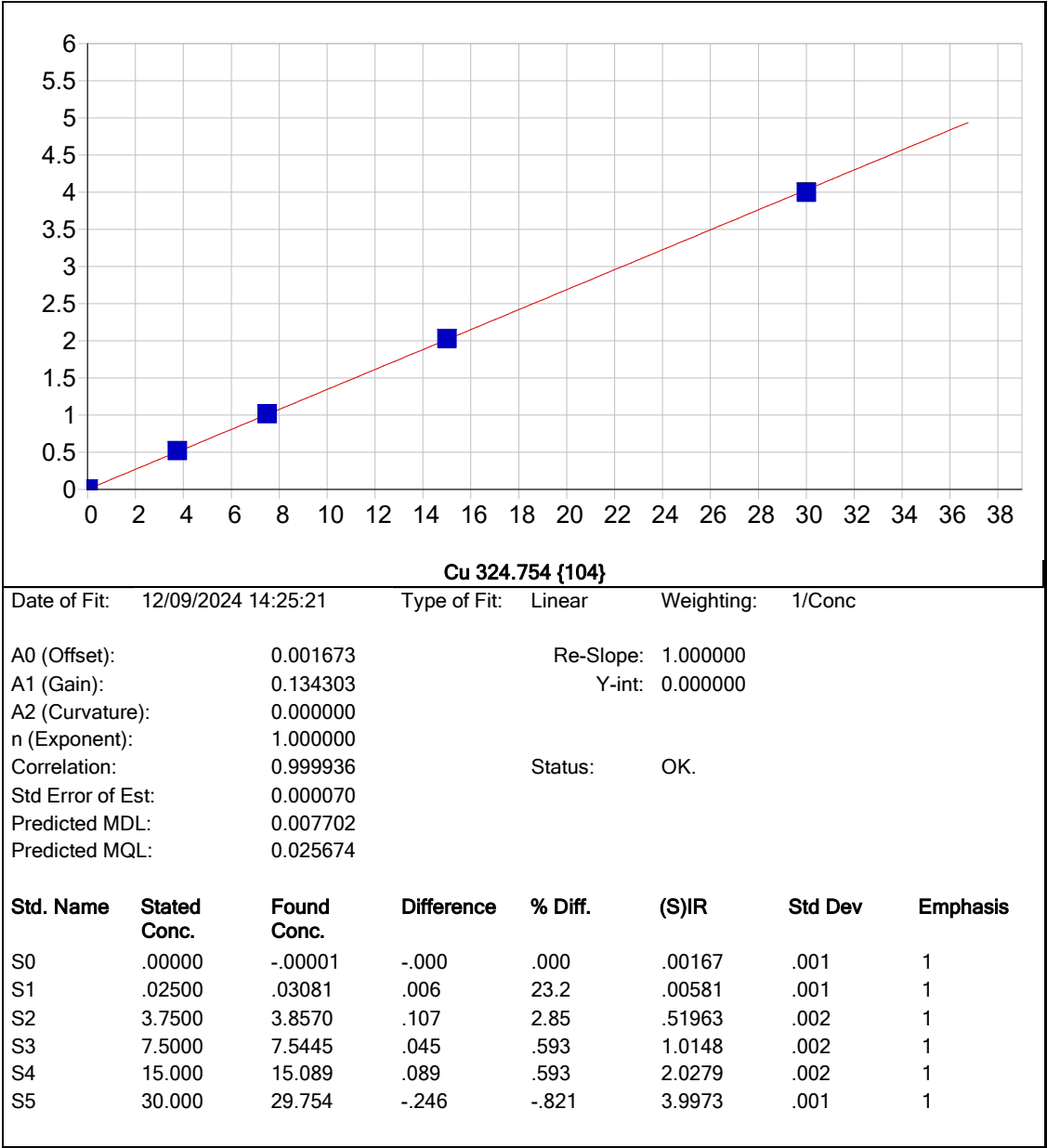


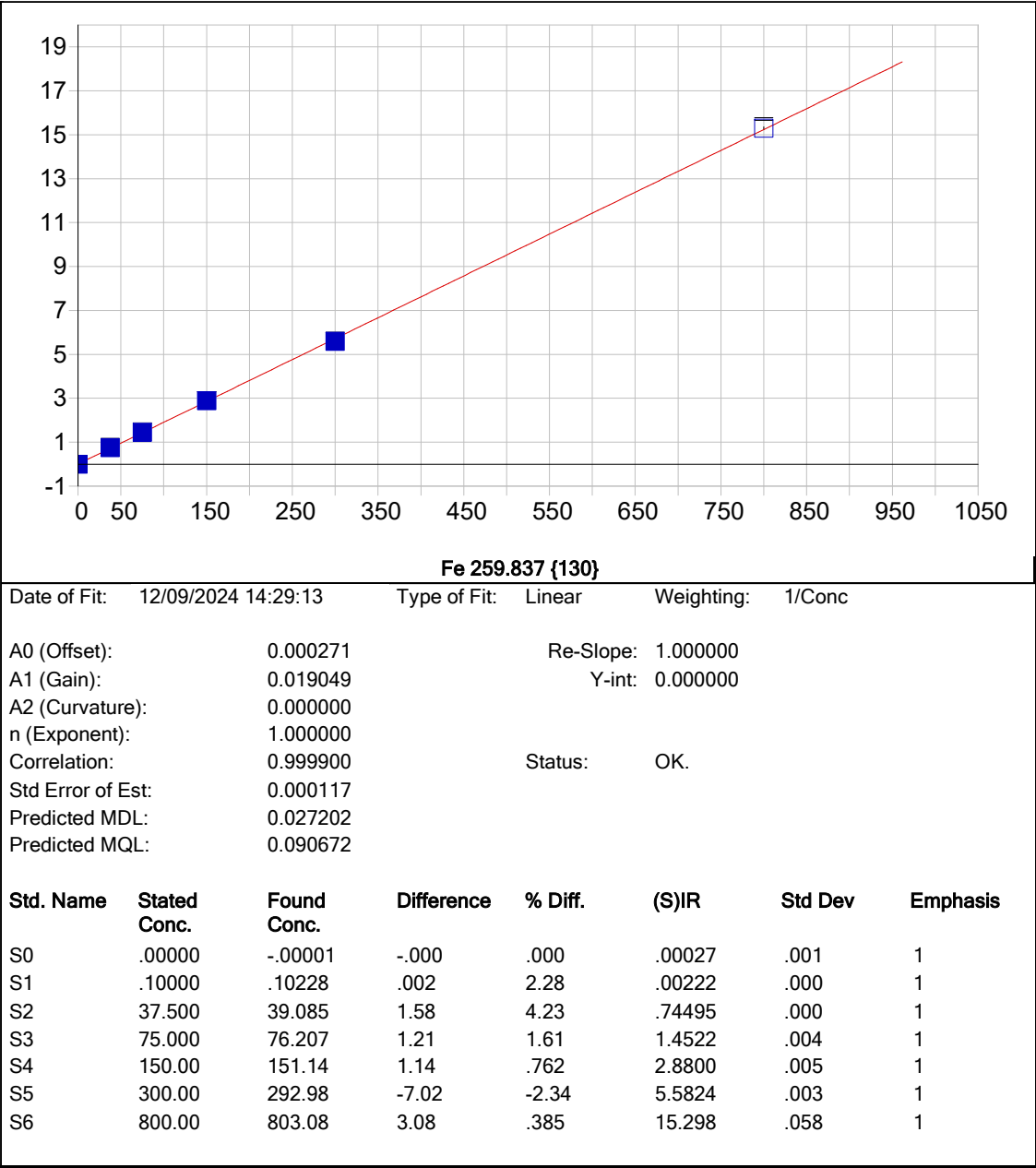


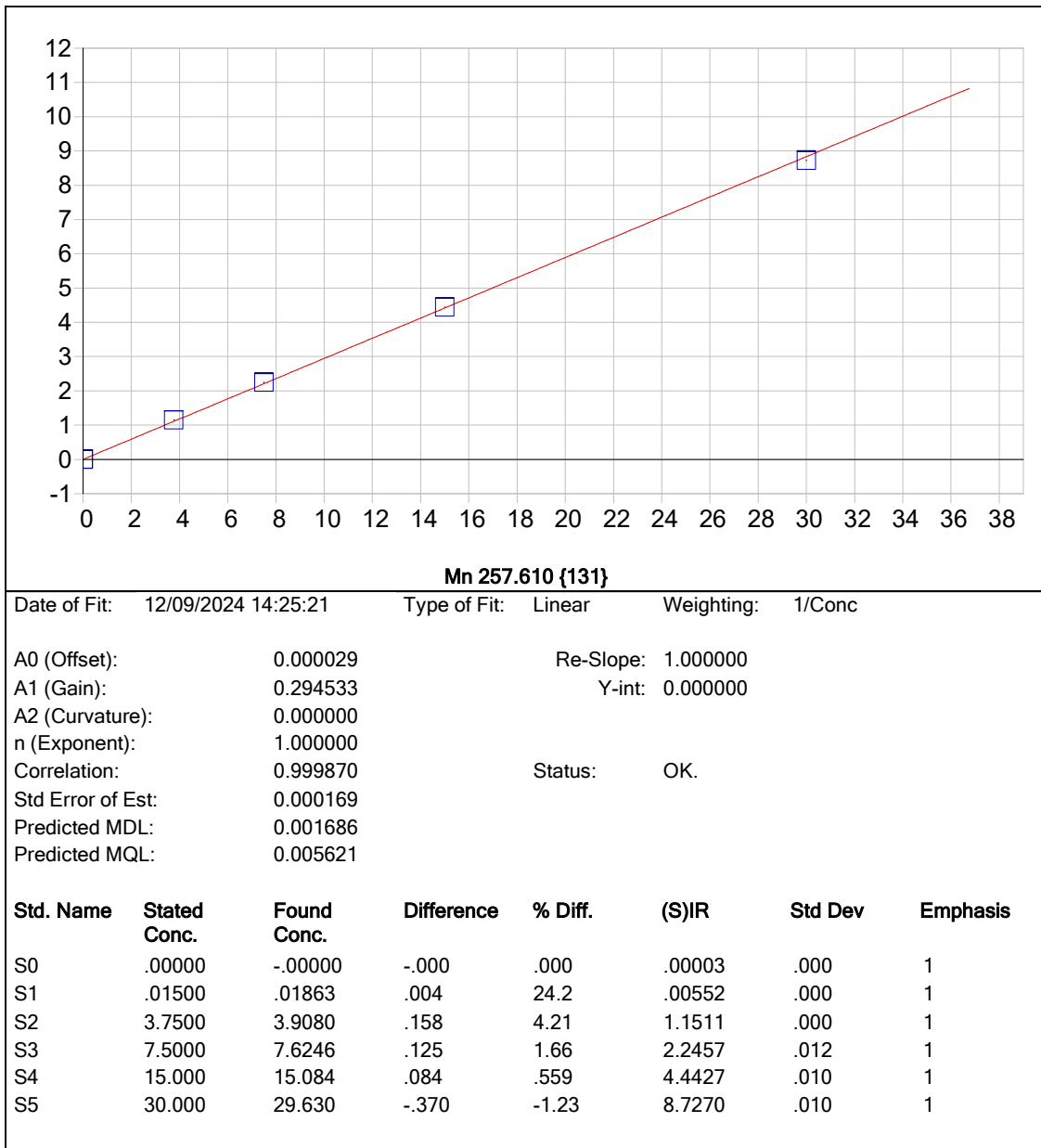


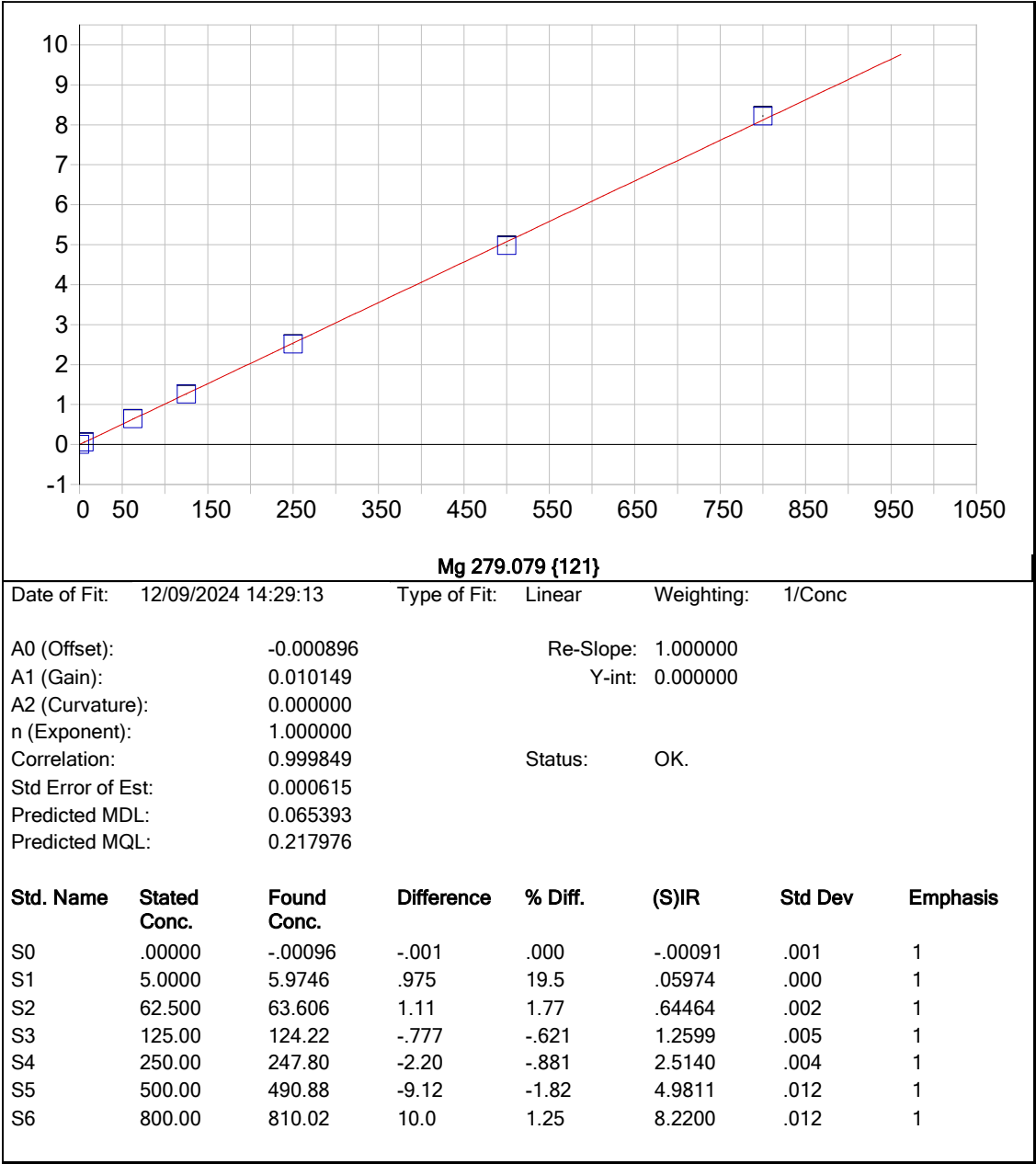


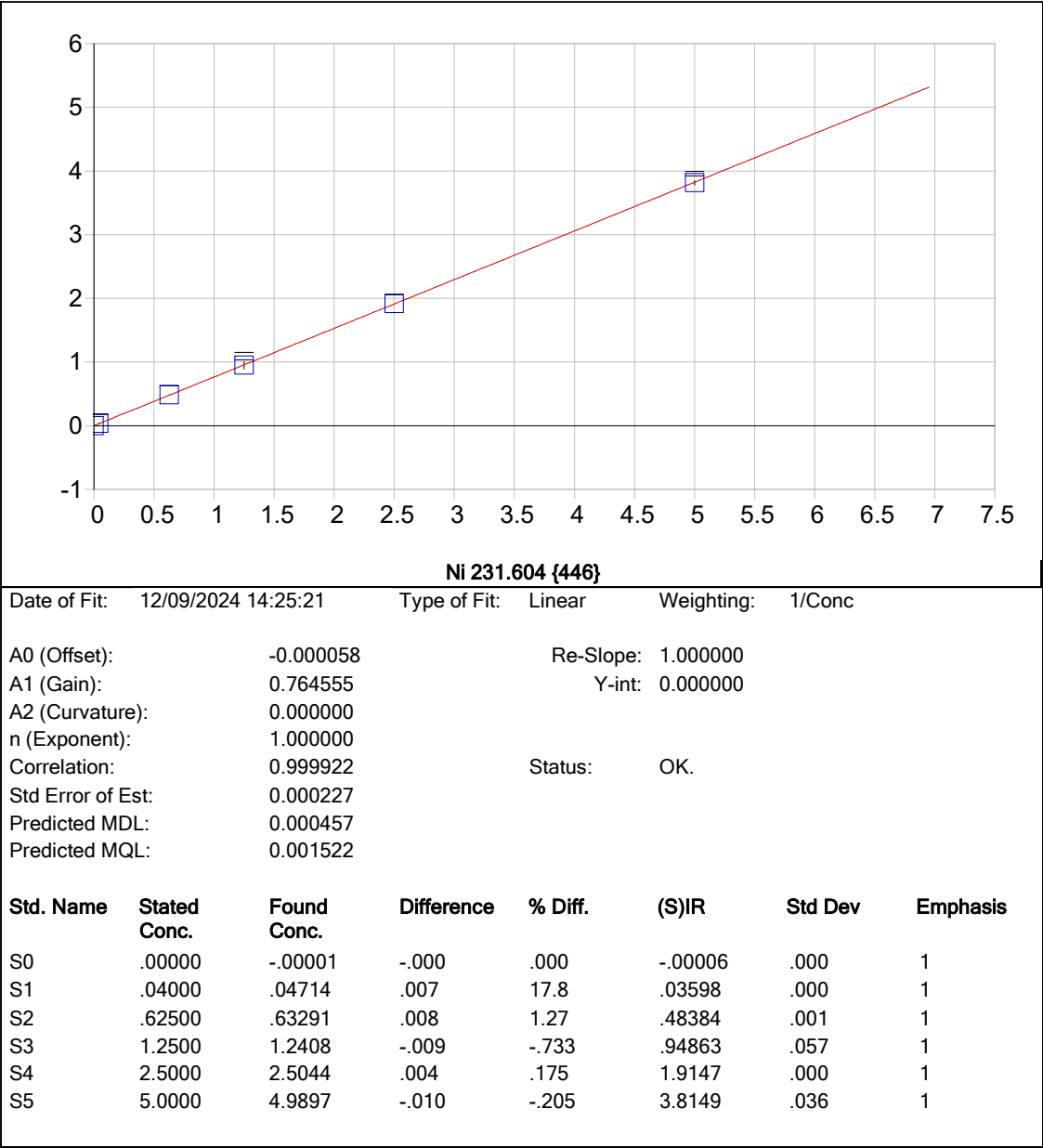


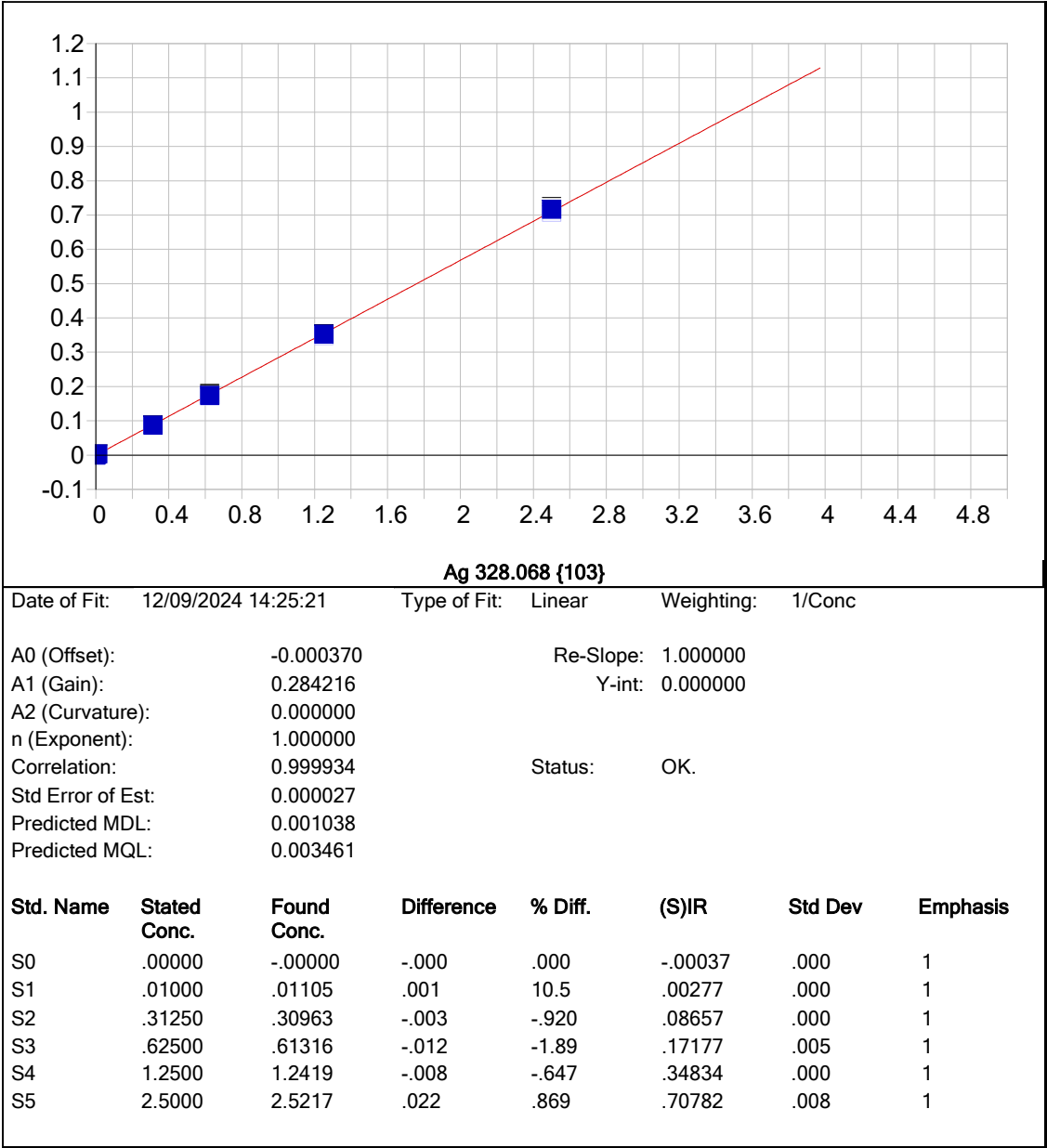


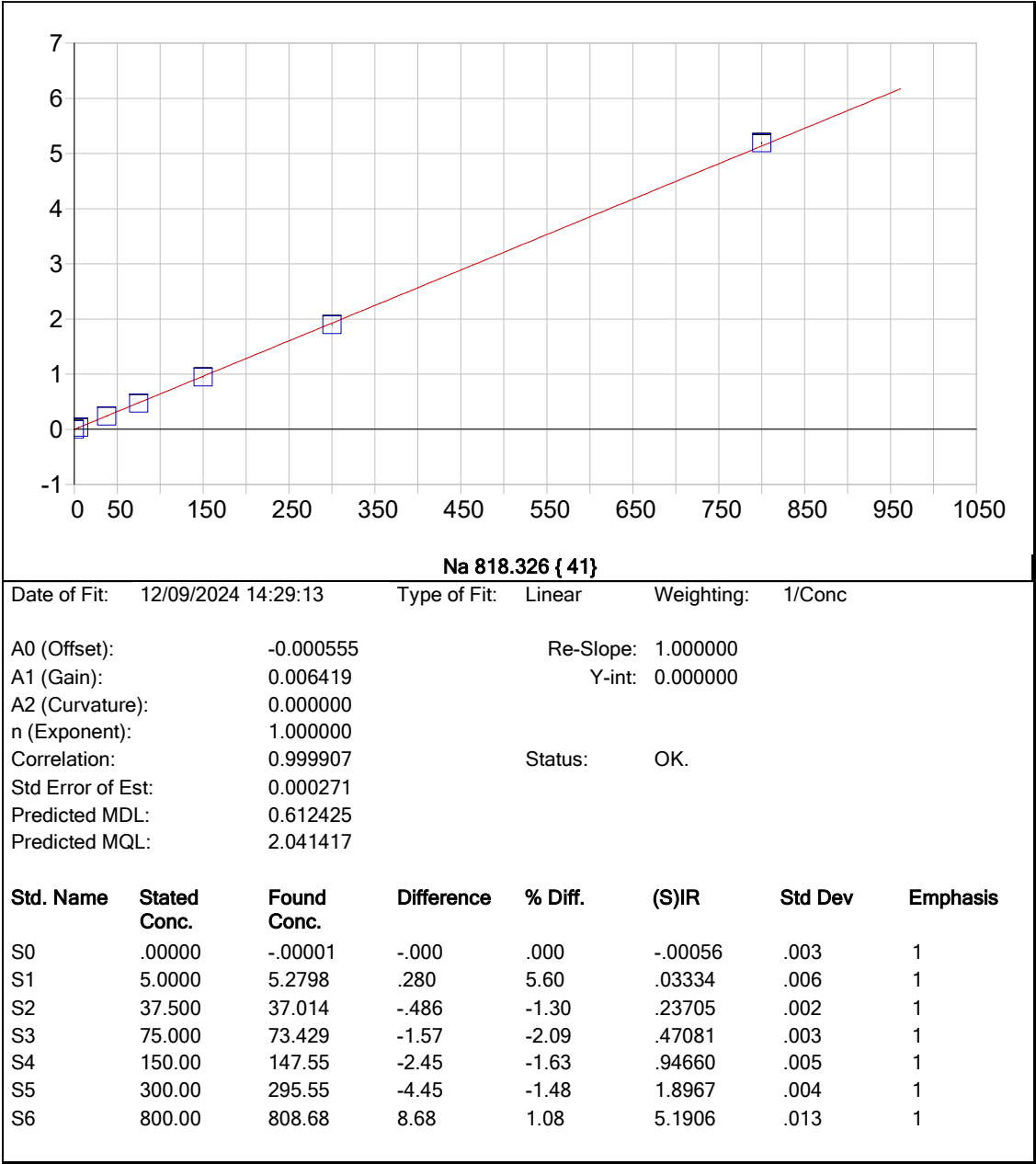


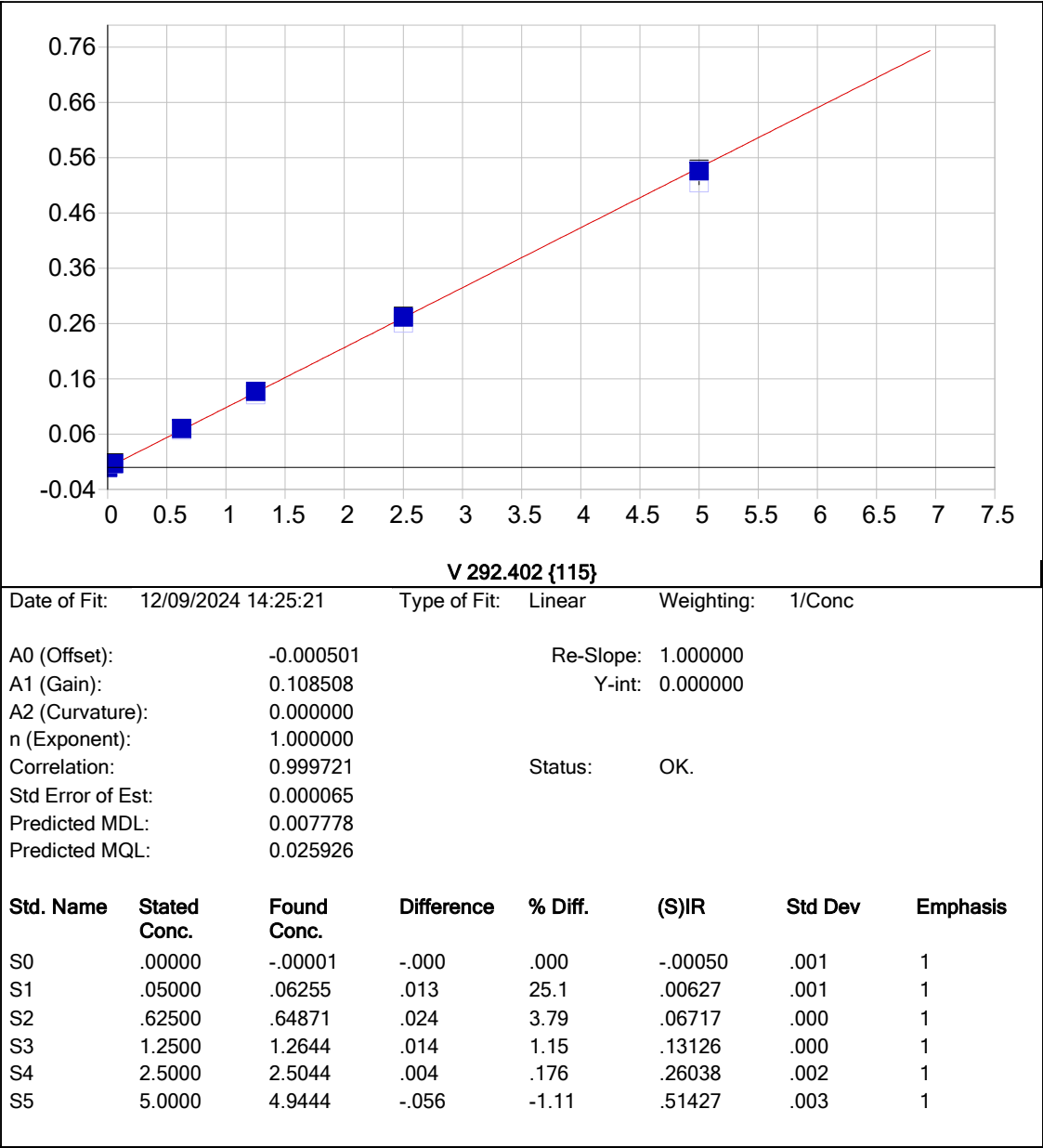


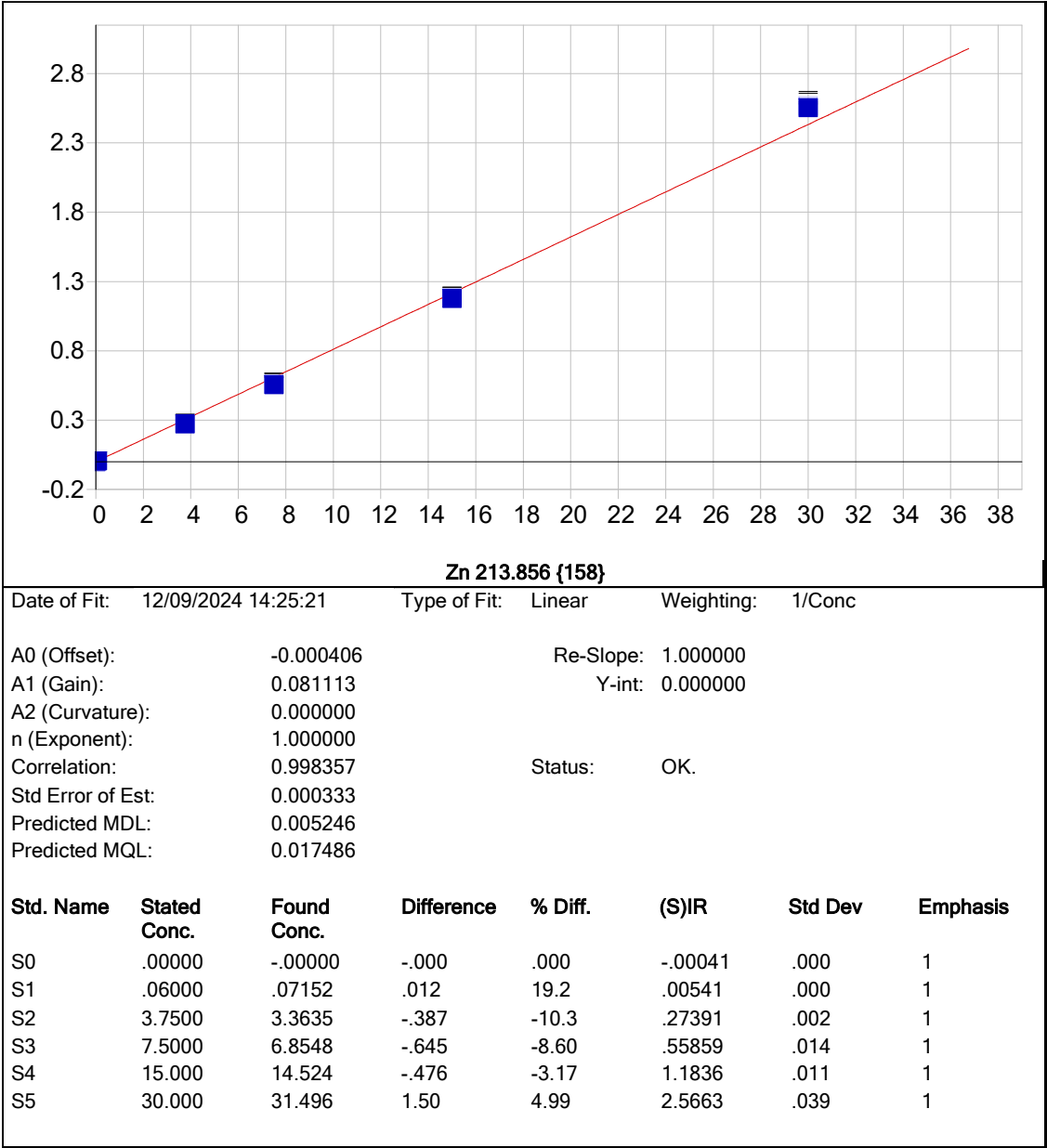


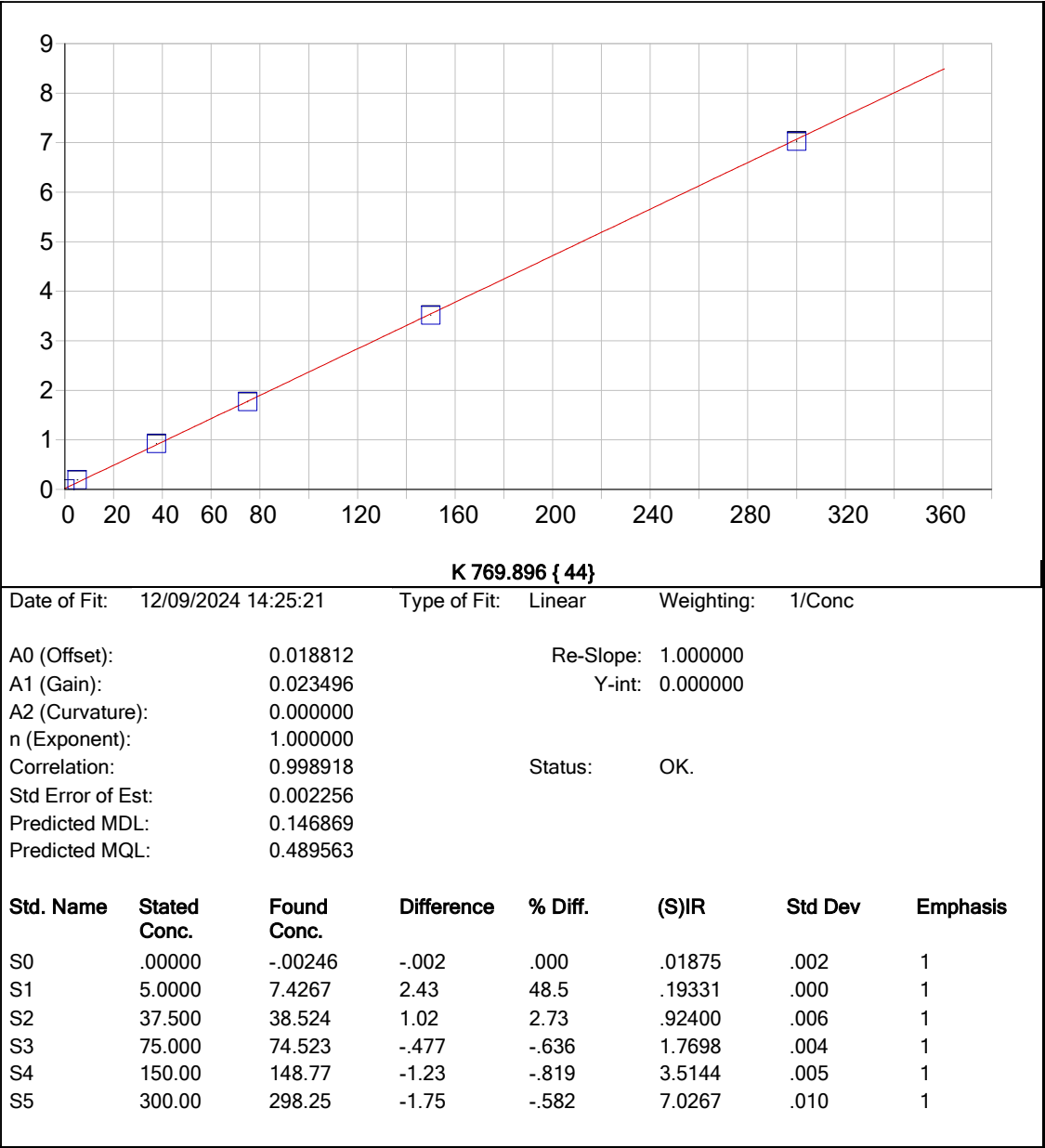


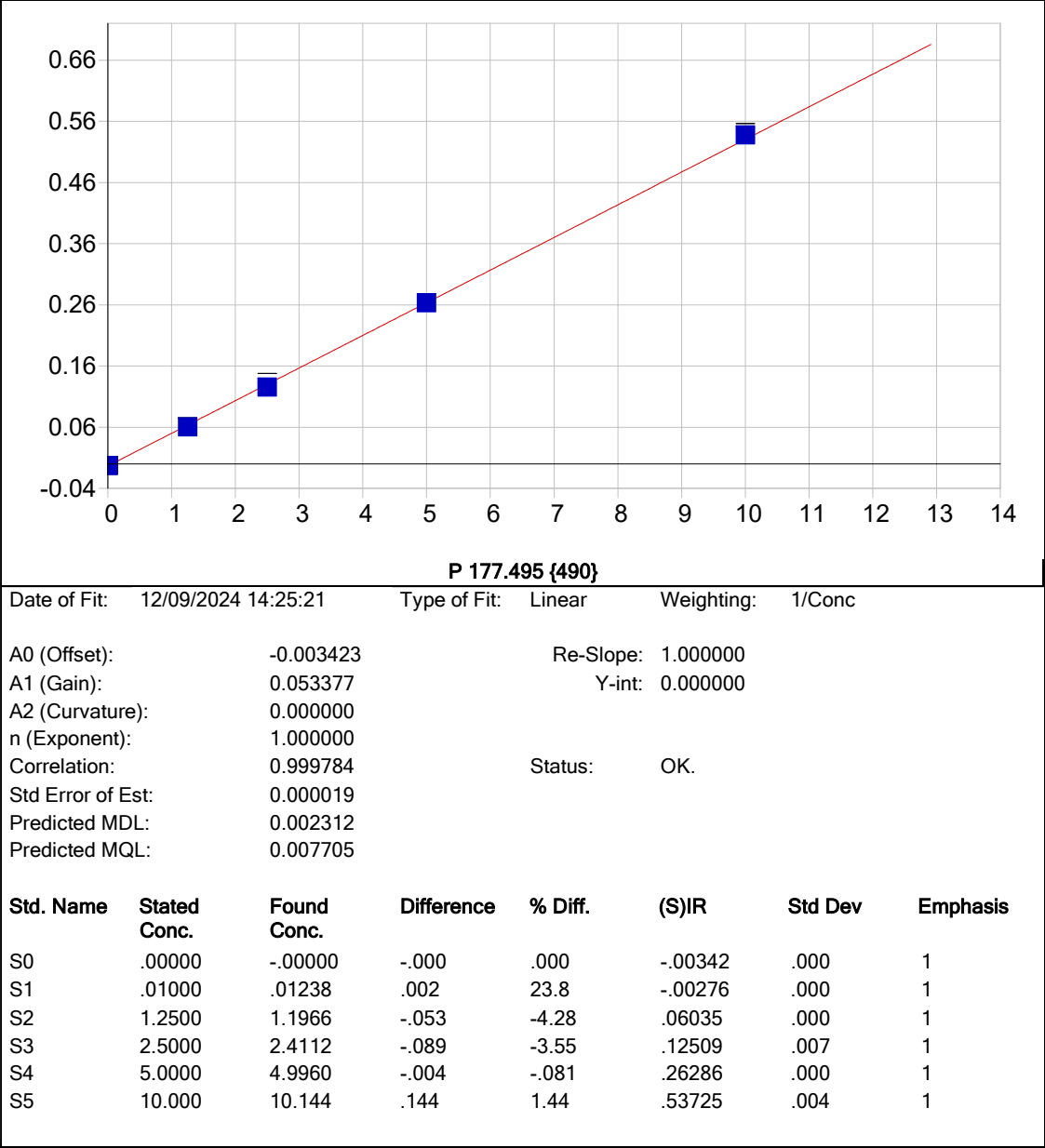


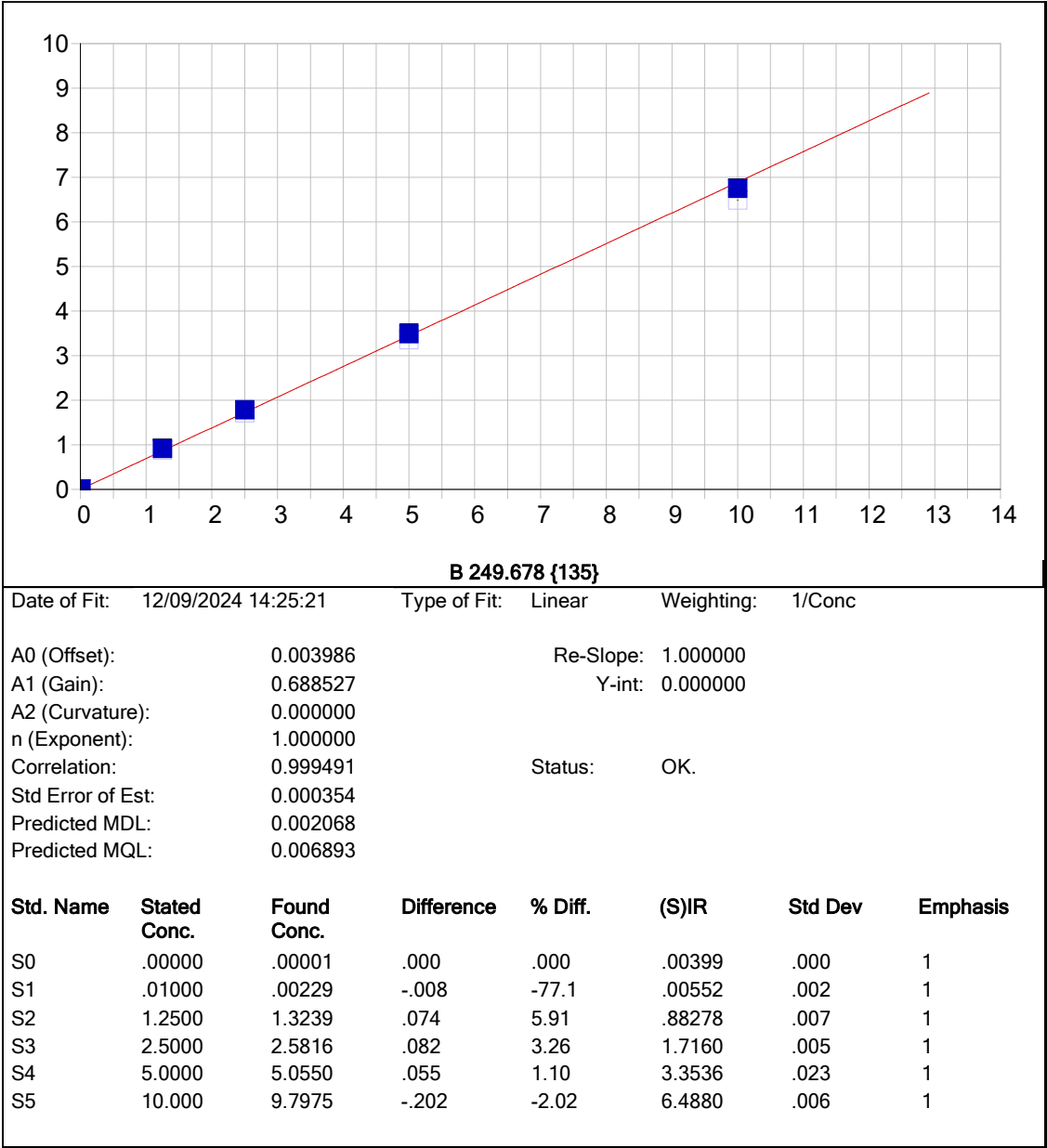


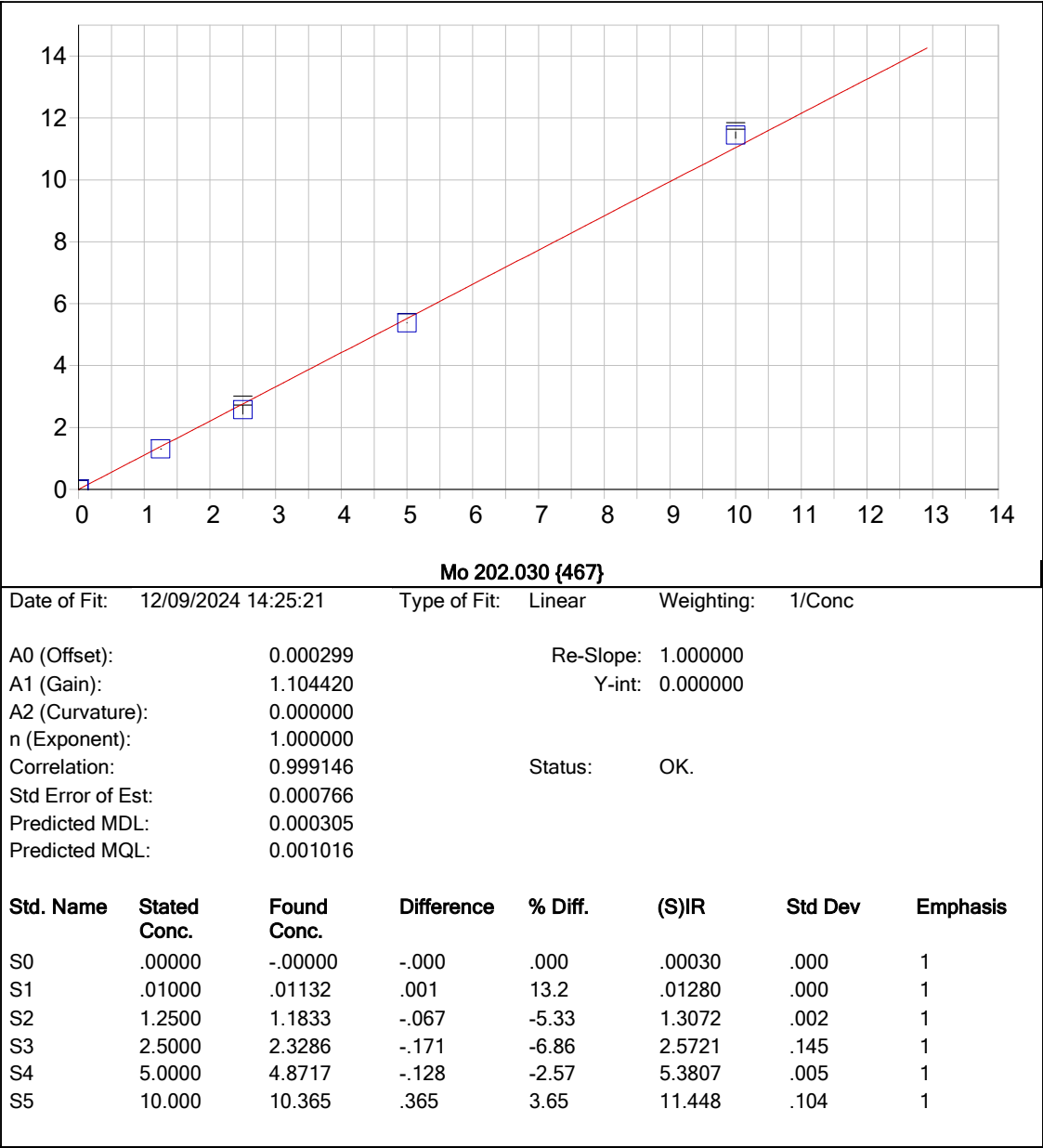


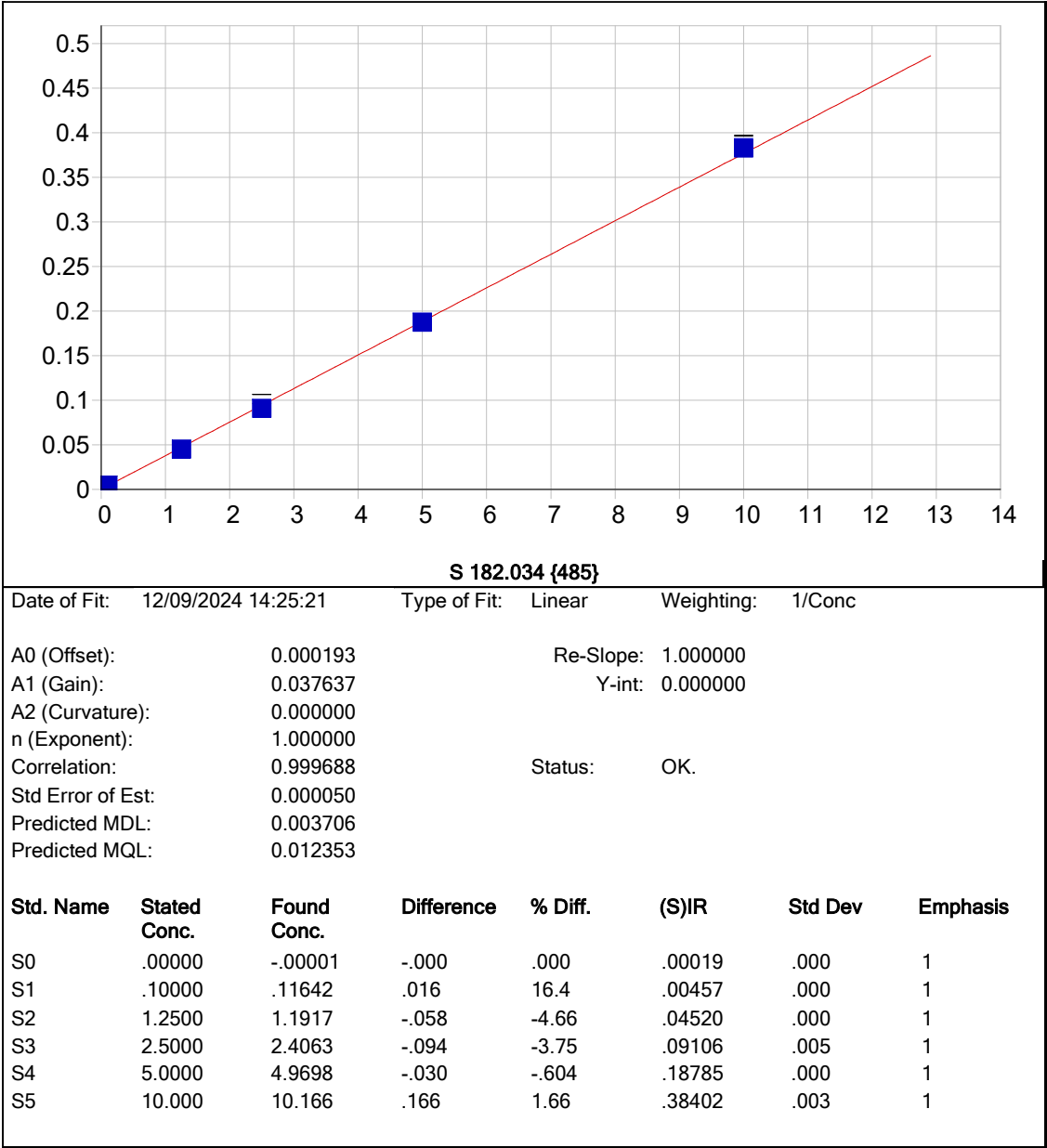


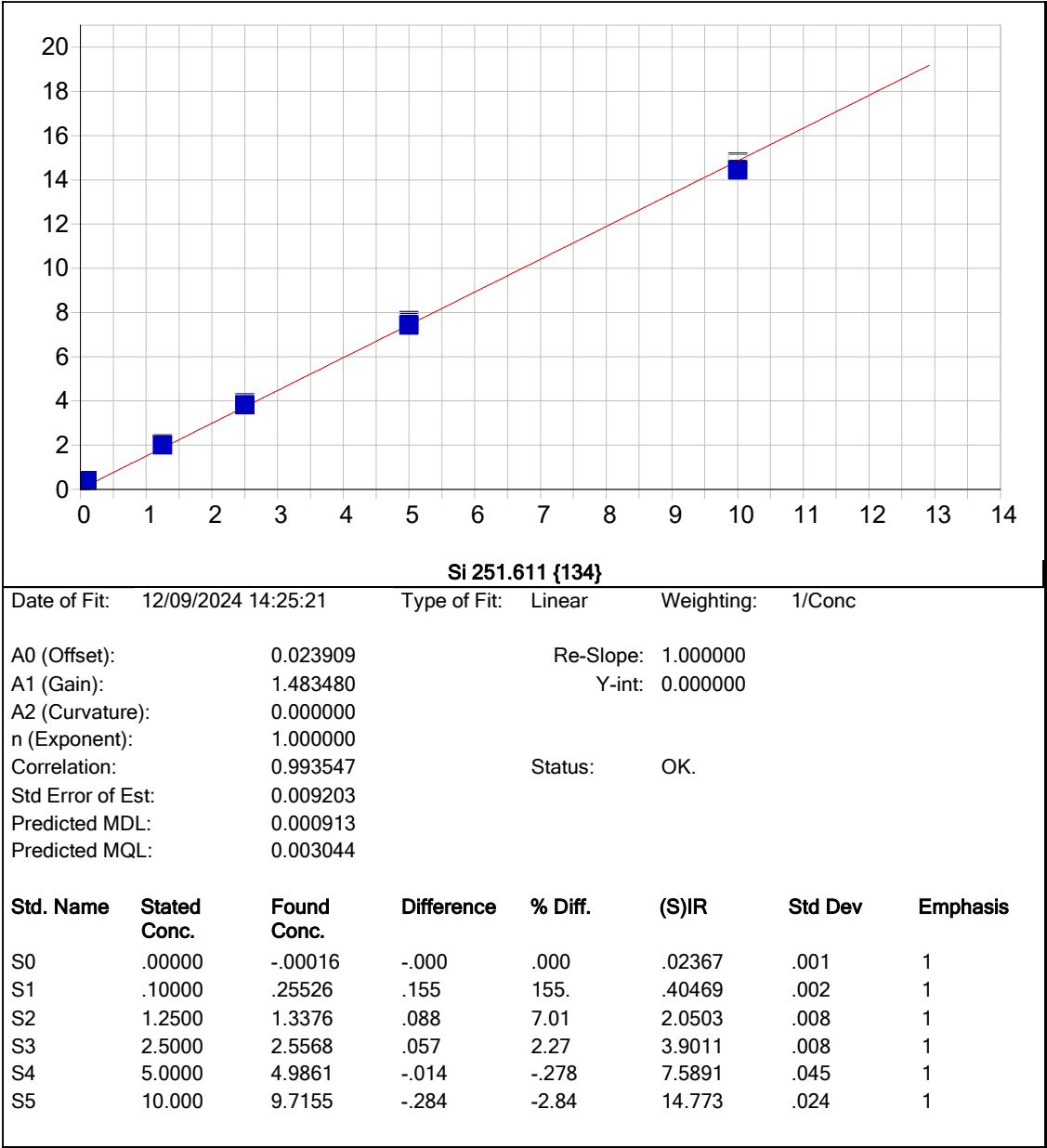


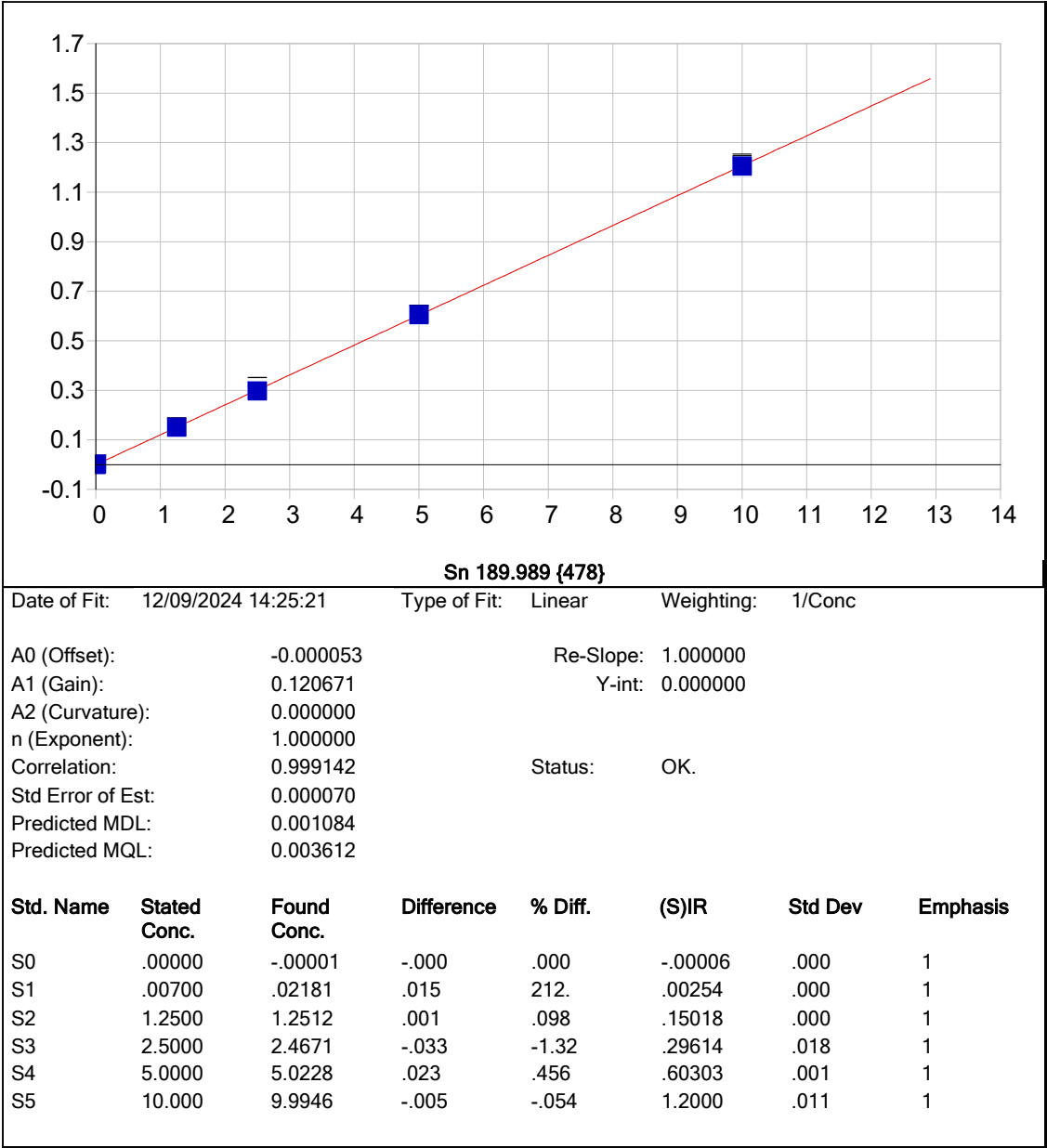


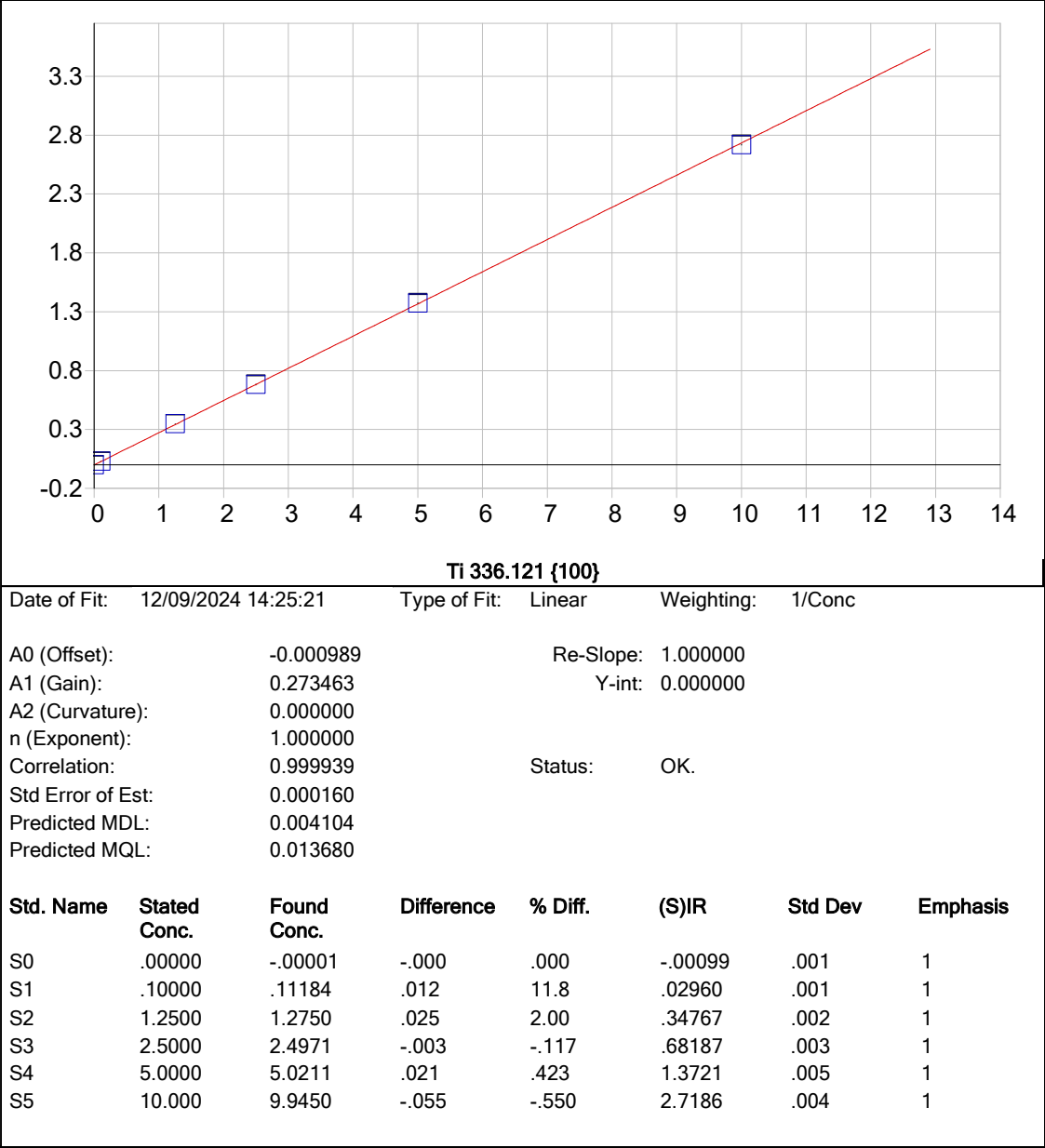


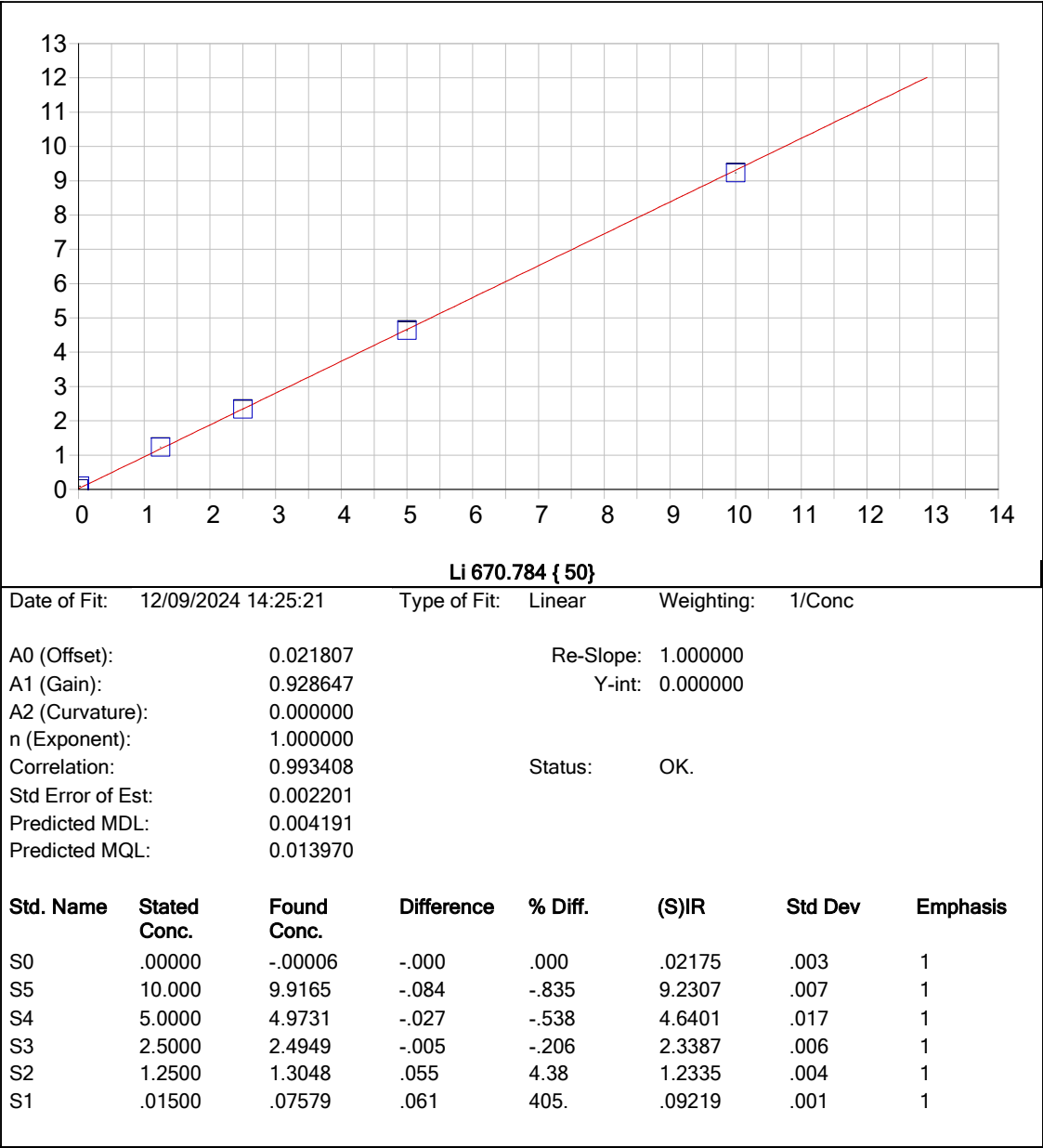


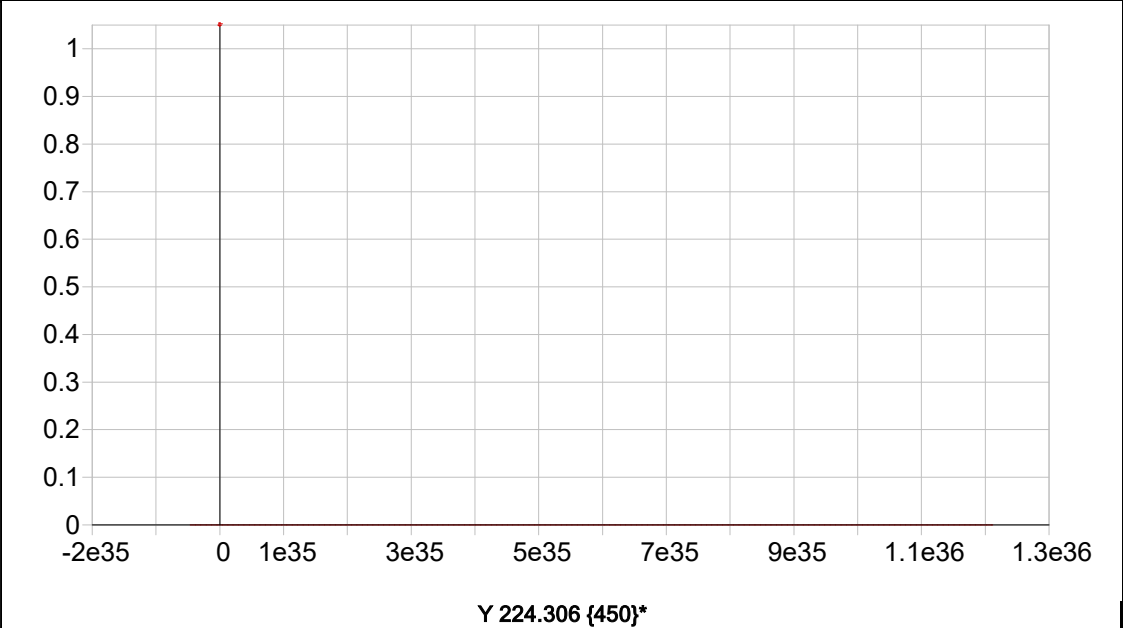






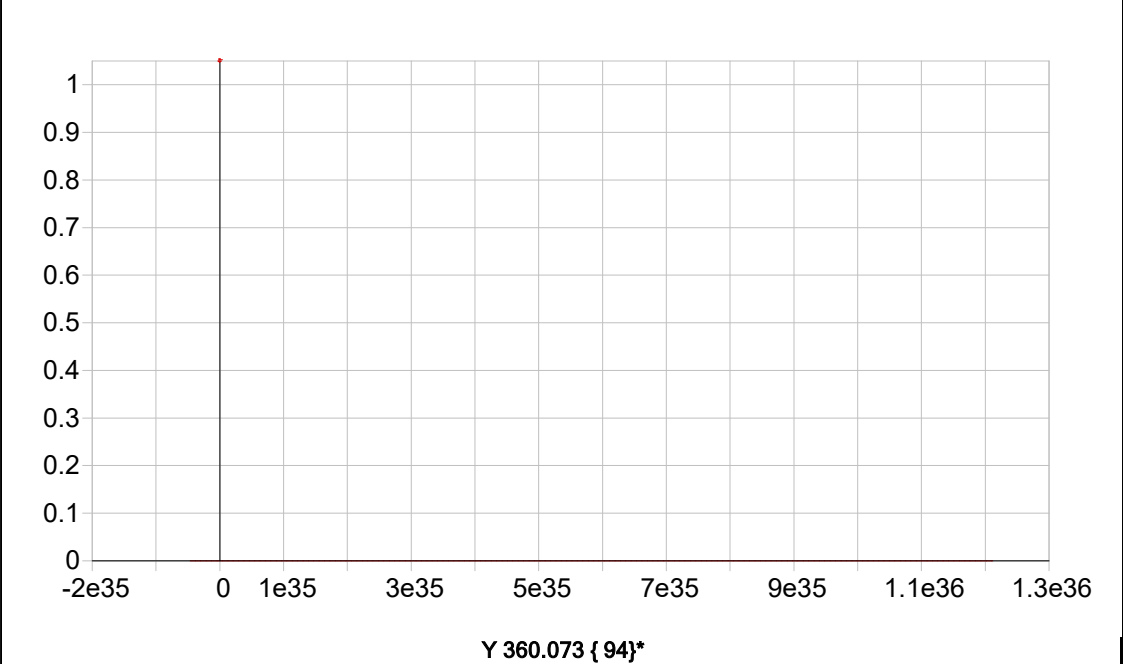




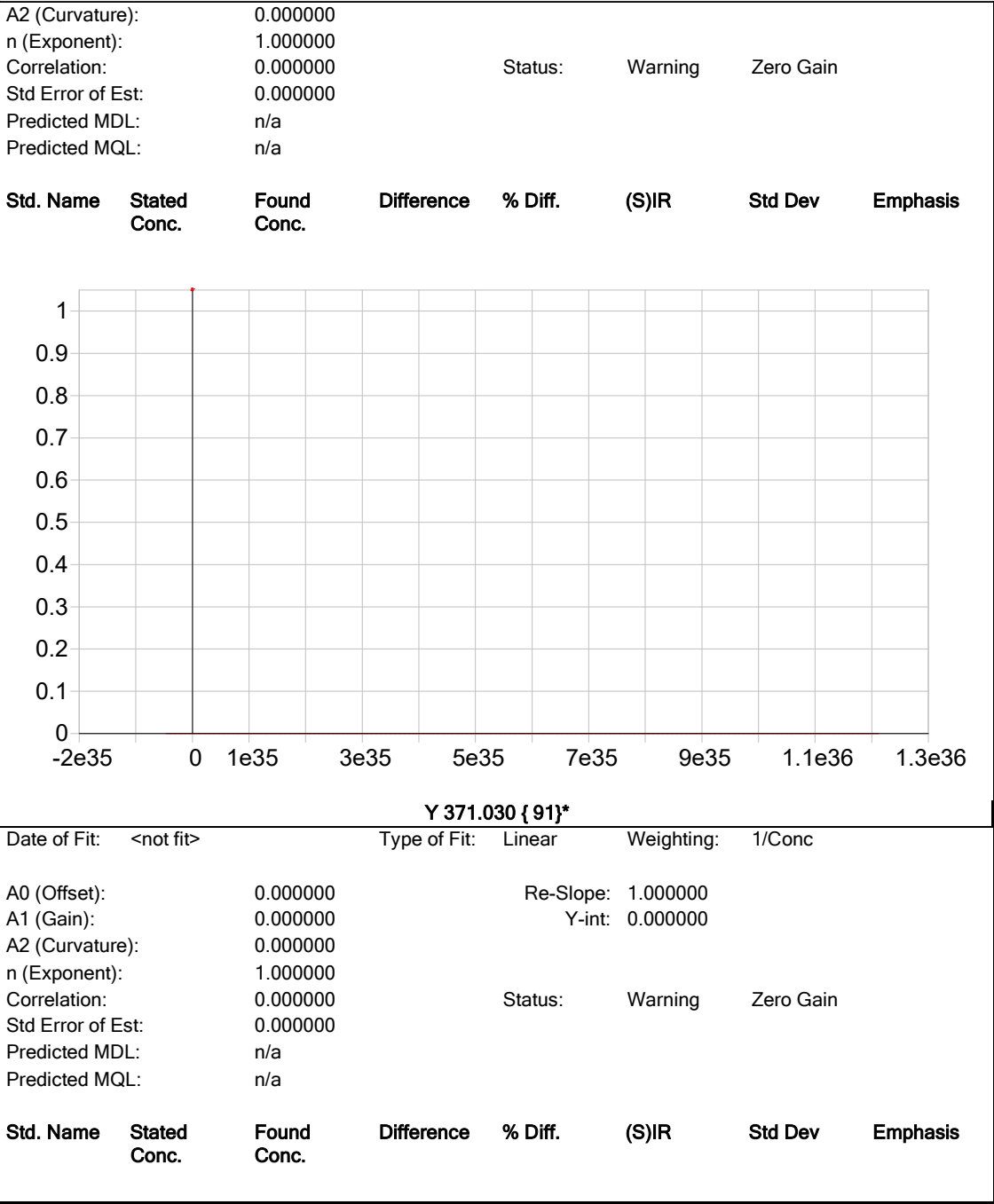


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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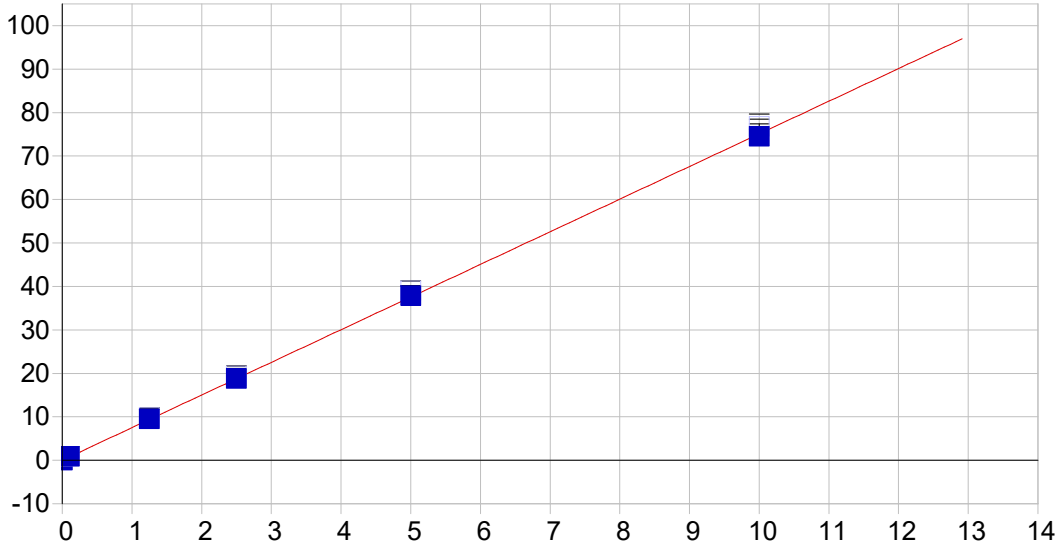


Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		



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

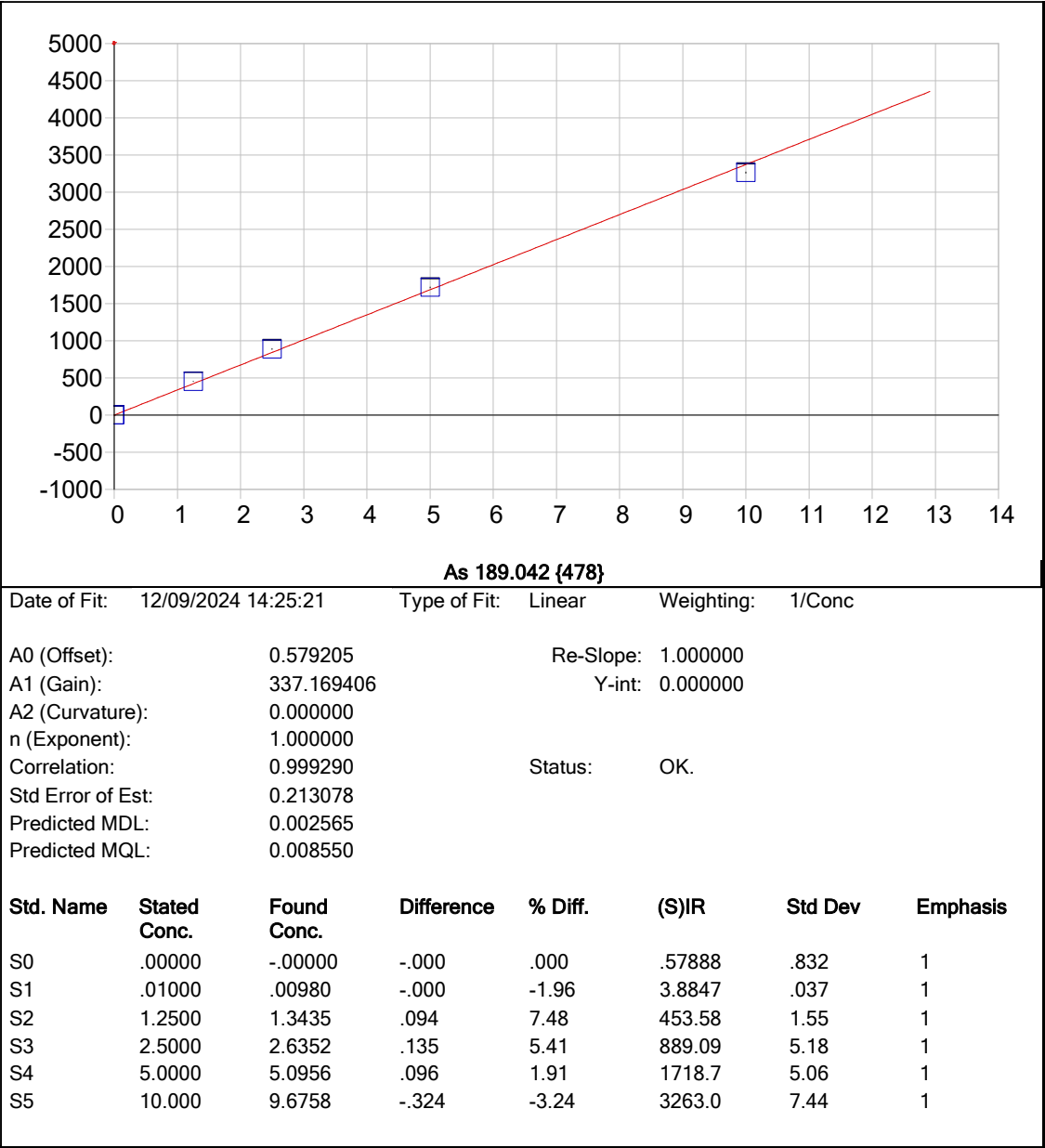
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit:	12/09/2024 14:25:21	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	-0.003973			Re-Slope:	1.000000		
A1 (Gain):	7.510661			Y-int:	0.000000		
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999906		Status:	OK.			
Std Error of Est:	0.005644						
Predicted MDL:	0.000251						
Predicted MQL:	0.000837						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00411	.002	1
S1	.10000	.11630	.016	16.3	.87028	.003	1
S2	1.2500	1.2660	.016	1.28	9.7861	.028	1
S3	2.5000	2.5061	.006	.243	19.382	.047	1
S4	5.0000	5.0388	.039	.776	38.967	.020	1
S5	10.000	9.9233	-.077	-.767	76.780	.587	1



Sample Name: S0 Acquired: 12/09/2024 14:02:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00024	.00022	.00020	.00014	-.00074	.05384	.00113	.00053
Stddev	.00011	.00026	.00012	.00004	.00053	.00161	.00068	.00011
%RSD	48.157	118.62	57.151	29.162	71.788	2.9922	60.423	21.730

#1	-.00013	-.00005	.00026	.00010	-.00026	.05499	.00068	.00061
#2	-.00036	.00025	.00028	.00018	-.00065	.05200	.00192	.00058
#3	-.00023	.00047	.00007	.00013	-.00132	.05454	.00080	.00040

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00410	.00005	.00001	.00167	.00027	.00003	-.00091	-.00006
Stddev	.00174	.00003	.00026	.00116	.00060	.00047	.00057	.00023
%RSD	42.467	53.734	1906.5	69.511	222.10	1693.3	62.679	360.58

#1	.00516	.00007	-.00010	.00243	.00001	.00057	-.00046	-.00020
#2	.00505	.00002	.00031	.00226	-.00016	-.00024	-.00154	.00020
#3	.00209	.00007	-.00017	.00033	.00096	-.00024	-.00071	-.00019

Elem	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00037	-.00056	-.00050	-.00041	.01875	-.00342	.00399	.00030
Stddev	.00025	.00263	.00075	.00002	.00184	.00012	.00018	.00013
%RSD	67.942	473.22	149.96	4.4788	9.8350	3.5189	4.4818	43.041

#1	-.00021	-.00122	-.00137	-.00042	.01752	-.00337	.00401	.00044
#2	-.00024	-.00279	-.00001	-.00041	.01787	-.00334	.00380	.00020
#3	-.00066	.00234	-.00012	-.00039	.02087	-.00356	.00416	.00026

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	As1890	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00019	.02367	-.00006	-.00099	.02175	-.00411	.5789	
Stddev	.00005	.00078	.00010	.00131	.00291	.00168	.8317	
%RSD	25.926	3.2895	175.97	131.45	13.394	40.877	143.7	

#1	.00014	.02452	.00003	-.00196	.02010	-.00601	.5489	
#2	.00021	.02351	-.00016	.00049	.02511	-.00285	1.425	
#3	.00023	.02298	-.00004	-.00151	.02003	-.00346	-.2374	

Sample Name: S0 Acquired: 12/09/2024 14:02:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	2945.7	28665.	2718.4	2031.1	4171.6
Stddev	50.7	1330.	12.1	93.7	74.1
%RSD	1.7208	4.6390	.44430	4.6145	1.7770
#1	2980.8	27143.	2710.9	1923.8	4227.2
#2	2968.8	29252.	2732.4	2072.3	4200.1
#3	2887.6	29600.	2712.1	2097.1	4087.4

Sample Name: S1 Acquired: 12/09/2024 14:06:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00206	.00210	.00209	.00925	.02098	.77946	.07140	.01672
Stddev	.00006	.00011	.00012	.00039	.00187	.00259	.00018	.00018
%RSD	2.8618	5.2788	5.6925	4.2271	8.9256	.33237	.25529	1.0648
#1	.00211	.00212	.00212	.00963	.02004	.77660	.07124	.01689
#2	.00206	.00199	.00196	.00926	.02314	.78165	.07135	.01653
#3	.00200	.00221	.00220	.00885	.01976	.78013	.07160	.01674
Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27912	.00375	.04635	.00581	.00222	.00552	.05974	.03598
Stddev	.00119	.00005	.00027	.00074	.00027	.00038	.00037	.00021
%RSD	.42799	1.3686	.57230	12.729	11.965	6.8559	.61850	.58561
#1	.27980	.00379	.04652	.00663	.00208	.00583	.05958	.03610
#2	.27982	.00369	.04604	.00559	.00205	.00563	.05948	.03574
#3	.27774	.00377	.04647	.00520	.00253	.00510	.06016	.03610
Elem	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00277	.03334	.00627	.00541	.19331	-.00276	.00552	.01280
Stddev	.00008	.00603	.00086	.00021	.00036	.00007	.00151	.00008
%RSD	2.7880	18.073	13.750	3.8974	.18654	2.6654	27.411	.62353
#1	.00280	.02724	.00615	.00551	.19338	-.00268	.00726	.01282
#2	.00283	.03928	.00719	.00517	.19363	-.00279	.00478	.01271
#3	.00268	.03349	.00547	.00555	.19292	-.00281	.00453	.01287
Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	As1890	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00457	.40469	.00254	.02960	.09219	.87028	3.885	
Stddev	.00007	.00157	.00012	.00104	.00092	.00269	.037	
%RSD	1.5465	.38719	4.6337	3.5263	1.0013	.30900	.9652	
#1	.00465	.40328	.00260	.02911	.09237	.86722	3.907	
#2	.00456	.40638	.00262	.02888	.09119	.87228	3.841	
#3	.00451	.40440	.00241	.03079	.09301	.87133	3.905	

Sample Name: S1 Acquired: 12/09/2024 14:06:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	2886.0	28434.	2694.9	2034.9	4000.6
Stddev	10.5	49.	6.8	12.3	7.9
%RSD	.36299	.17186	.25229	.60511	.19639
#1	2877.7	28388.	2688.3	2020.7	3999.4
#2	2897.8	28486.	2694.4	2042.0	4009.0
#3	2882.5	28429.	2701.9	2042.0	3993.4

Sample Name: S2 Acquired: 12/09/2024 14:10:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11232	1.1059	.07388	.17729	3.6637	8.2694	1.5046	1.8911
Stddev	.00029	.0010	.00048	.00059	.0115	.0185	.0088	.0026
%RSD	.25781	.09323	.65557	.33473	.31503	.22345	.58350	.13804

#1	.11210	1.1047	.07387	.17712	3.6506	8.2595	1.5146	1.8883
#2	.11265	1.1065	.07340	.17680	3.6684	8.2907	1.4984	1.8915
#3	.11221	1.1064	.07437	.17795	3.6723	8.2580	1.5006	1.8935

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0660	1.2167	.51926	.51963	.74495	1.1511	.64464	.48384
Stddev	.0062	.0002	.00075	.00221	.00028	.0005	.00232	.00056
%RSD	.20279	.01873	.14488	.42548	.03821	.04053	.35983	.11632

#1	3.0613	1.2165	.51872	.51707	.74464	1.1512	.64314	.48356
#2	3.0636	1.2170	.51894	.52089	.74499	1.1515	.64347	.48448
#3	3.0730	1.2167	.52012	.52092	.74520	1.1506	.64731	.48346

Elem	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08657	.23705	.06717	.27391	.92400	.06035	.88278	1.3072
Stddev	.00044	.00162	.00049	.00190	.00615	.00016	.00680	.0023
%RSD	.50849	.68410	.72427	.69315	.66569	.25815	.77017	.17327

#1	.08644	.23775	.06772	.27220	.92019	.06018	.89060	1.3063
#2	.08705	.23520	.06698	.27357	.93109	.06038	.87834	1.3055
#3	.08620	.23820	.06681	.27595	.92071	.06048	.87939	1.3098

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	As1890
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04520	2.0503	.15018	.34767	1.2335	9.7861	453.6
Stddev	.00010	.0082	.00043	.00210	.0035	.0282	1.6
%RSD	.22211	.40019	.28326	.60506	.28497	.28851	.3424

#1	.04509	2.0575	.14969	.34702	1.2312	9.7582	451.8
#2	.04521	2.0413	.15039	.35002	1.2317	9.7856	454.5
#3	.04529	2.0520	.15046	.34597	1.2375	9.8146	454.5

Sample Name: S2 Acquired: 12/09/2024 14:10:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	2790.4	27799.	2714.3	1963.5	3702.2
Stddev	3.4	111.	16.7	6.4	3.7
%RSD	.12010	.40001	.61687	.32814	.10004
#1	2787.9	27817.	2696.3	1960.3	3700.3
#2	2794.2	27680.	2717.3	1959.2	3699.8
#3	2789.1	27900.	2729.4	1970.9	3706.5

Sample Name: S3 Acquired: 12/09/2024 14:14:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21824	2.1820	.14569	.34982	7.1851	16.268	2.9273	3.7267
Stddev	.01233	.1255	.00793	.01942	.0175	.052	.0043	.2155
%RSD	5.6512	5.7529	5.4463	5.5514	.24350	.32095	.14811	5.7812
#1	.22820	2.2824	.15177	.36491	7.1707	16.213	2.9263	3.8989
#2	.22207	2.2224	.14857	.35664	7.1799	16.275	2.9236	3.7962
#3	.20444	2.0413	.13671	.32791	7.2045	16.317	2.9321	3.4851

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9881	2.3774	1.0086	1.0148	1.4522	2.2457	1.2599	.94863
Stddev	.0106	.0721	.0607	.0015	.0040	.0115	.0050	.05718
%RSD	.17699	3.0345	6.0184	.14812	.27620	.51394	.39311	6.0279
#1	5.9762	2.3778	1.0569	1.0133	1.4500	2.2343	1.2542	.99383
#2	5.9915	2.3051	1.0283	1.0163	1.4499	2.2574	1.2633	.96772
#3	5.9966	2.4494	.94045	1.0148	1.4569	2.2454	1.2621	.88434

Elem	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.17177	.47081	.13126	.55859	1.7698	.12509	1.7160	2.5721
Stddev	.00496	.00266	.00021	.01413	.0039	.00748	.0055	.1446
%RSD	2.8868	.56464	.15649	2.5292	.22234	5.9795	.31749	5.6233
#1	.17157	.47046	.13141	.55861	1.7660	.13080	1.7142	2.6852
#2	.16692	.47362	.13103	.54445	1.7697	.12784	1.7117	2.6219
#3	.17683	.46834	.13135	.57271	1.7739	.11662	1.7221	2.4091

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	As1890	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.09106	3.9011	.29614	.68187	2.3387	19.382	889.1	
Stddev	.00521	.0076	.01776	.00346	.0058	.047	5.2	
%RSD	5.7188	.19599	5.9960	.50684	.24617	.23994	.5821	
#1	.09528	3.9095	.31016	.68222	2.3335	19.332	892.6	
#2	.09266	3.8944	.30210	.68513	2.3375	19.425	891.6	
#3	.08524	3.8994	.27617	.67825	2.3449	19.388	883.1	

Sample Name: S3 Acquired: 12/09/2024 14:14:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	2752.2	27388.	2727.4	1899.4	3620.3
Stddev	136.2	731.	5.2	44.9	191.3
%RSD	4.9481	2.6702	.18950	2.3646	5.2830
#1	2647.9	27371.	2727.2	1896.8	3470.4
#2	2702.3	28128.	2722.3	1945.6	3554.7
#3	2906.3	26665.	2732.6	1855.9	3835.7

Sample Name: S4 Acquired: 12/09/2024 14:17:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.43532	4.4805	.30109	.73185	14.436	32.612	5.7569	7.5491
Stddev	.00005	.0061	.00049	.00128	.022	.068	.0265	.0060
%RSD	.01218	.13590	.16402	.17534	.15203	.20731	.46013	.07939

#1	.43536	4.4767	.30071	.73197	14.462	32.690	5.7799	7.5425
#2	.43526	4.4774	.30165	.73052	14.423	32.574	5.7628	7.5504
#3	.43533	4.4875	.30091	.73308	14.424	32.571	5.7279	7.5543

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.879	4.7111	2.0303	2.0279	2.8800	4.4427	2.5140	1.9147
Stddev	.021	.0027	.0007	.0019	.0048	.0104	.0038	.0005
%RSD	.17315	.05721	.03285	.09345	.16625	.23375	.15241	.02533

#1	11.902	4.7084	2.0300	2.0286	2.8835	4.4415	2.5122	1.9152
#2	11.862	4.7113	2.0299	2.0258	2.8745	4.4330	2.5114	1.9147
#3	11.874	4.7137	2.0311	2.0294	2.8820	4.4537	2.5184	1.9142

Elem	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34834	.94660	.26038	1.1836	3.5144	.26286	3.3536	5.3807
Stddev	.00041	.00515	.00165	.0113	.0047	.00020	.0229	.0053
%RSD	.11782	.54369	.63230	.95162	.13319	.07636	.68402	.09796

#1	.34878	.95023	.26197	1.1706	3.5198	.26304	3.3772	5.3859
#2	.34797	.94885	.25868	1.1908	3.5116	.26265	3.3522	5.3753
#3	.34826	.94071	.26048	1.1895	3.5118	.26289	3.3314	5.3809

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	As1890	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.18785	7.5891	.60303	1.3721	4.6401	38.967	1719.	
Stddev	.00030	.0452	.00073	.0048	.0172	.020	5.	
%RSD	.16039	.59595	.12158	.35165	.37089	.05197	.2941	

#1	.18817	7.6395	.60219	1.3768	4.6455	38.957	1724.	
#2	.18782	7.5756	.60336	1.3724	4.6208	38.954	1719.	
#3	.18757	7.5521	.60355	1.3671	4.6540	38.991	1713.	

Sample Name: S4 Acquired: 12/09/2024 14:17:49 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	2526.3	26297.	2680.7	1745.6	3367.6
Stddev	5.8	121.	6.0	9.8	10.7
%RSD	.22991	.46045	.22293	.56012	.31906
#1	2532.7	26387.	2674.8	1756.4	3379.8
#2	2524.6	26345.	2686.7	1743.3	3363.7
#3	2521.5	26159.	2680.7	1737.2	3359.4

Sample Name: S5 Acquired: 12/09/2024 14:21:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.85028	8.9425	.62933	1.5729	28.866	64.405	11.351	14.907
Stddev	.00821	.0771	.00492	.0151	.015	.059	.008	.131
%RSD	.96559	.86221	.78219	.95719	.05210	.09147	.06636	.88100

#1	.84638	8.8994	.62733	1.5663	28.869	64.472	11.356	14.841
#2	.84476	8.8965	.62571	1.5623	28.850	64.379	11.342	14.822
#3	.85972	9.0315	.63493	1.5902	28.879	64.362	11.354	15.059

Elem	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.170	9.1837	4.0354	3.9973	5.5824	8.7270	4.9811	3.8149
Stddev	.045	.1281	.0352	.0011	.0026	.0101	.0117	.0361
%RSD	.19532	1.3943	.87208	.02731	.04684	.11546	.23401	.94576

#1	23.149	9.1196	4.0153	3.9979	5.5818	8.7360	4.9676	3.7961
#2	23.222	9.1005	4.0149	3.9960	5.5853	8.7161	4.9883	3.7921
#3	23.140	9.3312	4.0761	3.9978	5.5802	8.7289	4.9873	3.8565

Elem	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.70782	1.8967	.51427	2.5663	7.0267	.53725	6.4880	11.448
Stddev	.00786	.0037	.00292	.0388	.0100	.00388	.0062	.104
%RSD	1.1109	.19688	.56868	1.5119	.14232	.72221	.09558	.90616

#1	.70453	1.9000	.51764	2.5372	7.0175	.53565	6.4952	11.394
#2	.70213	1.8974	.51250	2.5513	7.0252	.53443	6.4845	11.382
#3	.71679	1.8926	.51266	2.6103	7.0374	.54168	6.4844	11.567

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	As1890	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.38402	14.773	1.2000	2.7186	9.2307	76.780	3263.	
Stddev	.00291	.024	.0106	.0039	.0068	.587	7.	
%RSD	.75879	.16119	.88470	.14386	.07372	.76471	.2281	

#1	.38294	14.798	1.1940	2.7227	9.2238	76.994	3266.	
#2	.38180	14.772	1.1937	2.7182	9.2309	76.116	3255.	
#3	.38732	14.750	1.2122	2.7149	9.2374	77.230	3269.	

Sample Name: S5 Acquired: 12/09/2024 14:21:27 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	2238.4	25039.	2621.6	1527.8	3129.6
Stddev	16.5	351.	5.8	23.2	23.0
%RSD	.73503	1.4026	.21950	1.5156	.73487
#1	2250.0	25166.	2620.7	1537.9	3145.5
#2	2245.5	25308.	2627.7	1544.1	3140.1
#3	2219.6	24642.	2616.3	1501.3	3103.2

Sample Name: S6 Acquired: 12/09/2024 14:25:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) 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	77.638	37.985	15.298	8.2200	5.1906
Stddev	.342	.127	.058	.0122	.0133
%RSD	.44046	.33368	.37632	.14822	.25652

#1	77.271	37.851	15.241	8.2069	5.1753
#2	77.697	38.000	15.297	8.2310	5.1974
#3	77.947	38.104	15.356	8.2221	5.1992

Int. Std.	Y_3710
Units	Cts/S
Avg	2557.3
Stddev	9.0
%RSD	.35059

#1	2567.4
#2	2554.2
#3	2550.3

Sample Name: ICV013 Acquired: 12/09/2024 14:29:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV013 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.043183	1.018745	.9821322	.9757072	2.603424	.5504754
Stddev	.007673	.009493	.0058691	.0073439	.035082	.0010680
%RSD	.7355526	.9318349	.5975900	.7526753	1.347544	.1940103

#1	1.038526	1.015386	.9767435	.9744667	2.640087	.5494168
#2	1.038985	1.011389	.9812672	.9690626	2.600011	.5504571
#3	1.052040	1.029461	.9883858	.9835924	2.570172	.5515525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5592177	.5028493	10.74196	F .5799409	.5315897	.5416905
Stddev	.0002247	.0042779	.07044	.0016691	.0042239	.0114409
%RSD	.0401888	.8507405	.6557007	.2878112	.7945717	2.112077

#1	.5589597	.5010891	10.78133	.5793059	.5308324	.5407883
#2	.5593219	.4997323	10.66064	.5786825	.5277958	.5307275
#3	.5593714	.5077265	10.78392	.5818343	.5361411	.5535559

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87697	.5544624	6.134994	.5410863	.2574332	9.986093
Stddev	.02765	.0068921	.115046	.0038160	.0012399	.502112
%RSD	.2542426	1.243020	1.875243	.7052430	.4816261	5.028115

#1	10.87900	.5484955	6.251161	.5387179	.2584023	10.40130
#2	10.84836	.5528854	6.021103	.5390527	.2578613	9.42803
#3	10.90355	.5620063	6.132719	.5454884	.2560360	10.12895

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5454092	.9051061	F 12.04474	F -.005919	F -.016113	F .0004624
Stddev	.0071629	.0042247	.26677	.000729	.001135	.0002938
%RSD	1.313309	.4667656	2.214847	12.31199	7.041778	63.53367

#1	.5420626	.9099108	12.25432	-.005931	-.014873	.0005672
#2	.5405321	.9019728	11.74444	-.005184	-.016367	.0006894
#3	.5536329	.9034346	12.13547	-.006641	-.017099	.0001306

Sample Name: ICV013 Acquired: 12/09/2024 14:29:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV013 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0108700	F .0063793	F .0019974	F .0077279	F .0967171	F -.009387
Stddev	.0021978	.0010433	.0002031	.0024974	.0008958	.000072
%RSD	20.21867	16.35485	10.16941	32.31684	.9262115	.7687806

#1	.0119200	.0065029	.0020676	.0103207	.0974678	-.009434
#2	.0083441	.0052797	.0017685	.0075246	.0969581	-.009424
#3	.0123457	.0073553	.0021562	.0053383	.0957255	-.009304

Elem	As1890
Units	ppm
Avg	1.084899
Stddev	.002830
%RSD	.2608363

#1	1.082782
#2	1.088113
#3	1.083802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.327	28717.95	2735.341	2050.580	3974.871
Stddev	13.288	73.17	9.952	8.370	23.258
%RSD	.4586457	.2547864	.3638258	.4081631	.5851171

#1	2897.377	28684.84	2728.442	2045.843	3971.878
#2	2910.590	28801.82	2746.749	2060.244	3999.480
#3	2884.014	28667.18	2730.832	2045.654	3953.255

Sample Name: ICB013 Acquired: 12/09/2024 14:33:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB013 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018718	.0004089	-.000451	.0021920	-.006782	.0016231
Stddev	.0015650	.0019108	.001803	.0022103	.009643	.0019553
%RSD	83.61262	467.2493	399.3927	100.8337	142.1867	120.4729

#1	.0021212	-.001797	.001631	.0000998	-.000509	.0021225
#2	.0032972	.001505	-.001493	.0045040	-.017886	-.000534
#3	.0001970	.001519	-.001492	.0019723	-.001951	.003280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000556	-.000036	.0421748	-.000077	-.000017	.0165755
Stddev	.0000782	.000110	.0501929	.000328	.000085	.0048661
%RSD	140.5565	301.2090	119.0115	426.5844	492.0554	29.35691

#1	.0000519	-.000162	.0931669	.000198	-.000024	.0119428
#2	-.000021	.000038	.0405361	.000011	.000071	.0161383
#3	.000136	.000015	-.007179	-.000439	-.000099	.0216454

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136856	.0006369	.0434609	.0000298	.0010931	.1262846
Stddev	.0045637	.0012672	.0161443	.0006993	.0005693	.2616182
%RSD	33.34663	198.9538	37.14663	2344.699	52.08341	207.1655

#1	.0188420	.0012978	.0557611	-.000612	.0011555	-.130591
#2	.0120482	.0014370	.0494421	.000775	.0004951	.117045
#3	.0101665	-.000824	.0251796	-.000073	.0016286	.392400

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060974	.0001916	2.328070	-.001119	.0067471	.0006112
Stddev	.0058660	.0016264	.134683	.000995	.0028096	.0002421
%RSD	96.20372	848.8334	5.785196	88.88934	41.64109	39.60117

#1	.0055345	.0002964	2.205171	-.002048	.0039885	.0005040
#2	.0005333	.0017631	2.306988	-.001242	.0096050	.0008884
#3	.0122246	-.001485	2.472051	-.000069	.0066479	.0004413

Sample Name: ICB013 Acquired: 12/09/2024 14:33:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB013 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014476	.0041680	.0015008	.0022496	F .0729030	.0001377
Stddev	.0002008	.0009917	.0002960	.0015138	.0010395	.0003030
%RSD	13.86810	23.79280	19.72023	67.29442	1.425905	220.0914

#1	.0016141	.0045018	.0011736	.0033593	.0718254	.0004639
#2	.0012247	.0049497	.0015790	.0028644	.0729837	-.000135
#3	.0015041	.0030525	.0017498	.0005251	.0738998	.000084

Elem	As1890
Units	ppm
Avg	<.0000000
Stddev	.0020968
%RSD	95.93625

#1	-.002796
#2	-.003909
#3	.000149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.839	28540.01	2695.708	2039.986	4020.269
Stddev	3.347	102.82	4.290	15.086	5.369
%RSD	.1157832	.3602561	.1591536	.7394948	.1335441

#1	2894.238	28426.28	2698.889	2022.868	4026.206
#2	2890.731	28567.38	2697.406	2045.749	4015.754
#3	2887.547	28626.38	2690.828	2051.340	4018.848

Sample Name: ICSA013 Acquired: 12/09/2024 14:37:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA013 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068048	F -.011473	-.024036	-.004006	246.0454	.0058896
Stddev	.0013418	.001749	.002264	.001270	.7023	.0009384
%RSD	19.71803	15.24919	9.420730	31.69471	.2854487	15.93250

#1	.0083319	-.013354	-.022577	-.005320	246.0197	.0069453
#2	.0062674	-.009895	-.022886	-.003914	245.3563	.0055732
#3	.0058150	-.011169	-.026644	-.002785	246.7603	.0051504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018713	.0006430	254.4927	.0554927	.0317822	-.006318
Stddev	.0000490	.0000586	.9622	.0008442	.0007669	.005383
%RSD	2.616528	9.118092	.3780915	1.521323	2.413129	85.19917

#1	.0018629	.0005893	254.9947	.0545758	.0311361	-.007994
#2	.0018271	.0007055	253.3833	.0562378	.0315808	-.000296
#3	.0019239	.0006341	255.1001	.0556645	.0326298	-.010662

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.4198	.0082957	249.8859	.0315360	-.000035	.5362420
Stddev	.0704	.0009325	1.0456	.0015240	.000630	.3530951
%RSD	.0687056	11.24082	.4184292	4.832404	1817.091	65.84622

#1	102.4842	.0088257	249.7029	.0311338	.000692	.1332159
#2	102.3447	.0072190	248.9438	.0302534	-.000375	.7911743
#3	102.4305	.0088425	251.0109	.0332207	-.000422	.6843359

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117972	F .1009422	1.860093	.0030645	F -.275194	-.000118
Stddev	.0045749	.0030303	.095894	.0036443	.002746	.000426
%RSD	38.77950	3.002022	5.155352	118.9199	.9976902	359.9808

#1	.0153082	.1031040	1.888844	-.000886	-.272029	-.000106
#2	.0134600	.1022441	1.753112	.006296	-.276623	-.000550
#3	.0066235	.0974785	1.938322	.003783	-.276931	.000301

Sample Name: ICSA013 Acquired: 12/09/2024 14:37:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA013 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208565	.0007186	F .0125639	.0023233	F .0788263	.0069052
Stddev	.0054560	.0003580	.0012749	.0007094	.0016946	.0005471
%RSD	26.15993	49.81791	10.14760	30.53289	2.149754	7.922885
#1	.0155842	.0011304	.0126659	.0023221	.0770794	.0071501
#2	.0264794	.0005444	.0112411	.0030332	.0804632	.0062784
#3	.0205060	.0004810	.0137848	.0016145	.0789362	.0072870

Elem	As1890
Units	ppm
Avg	<.0000000
Stddev	.0010002
%RSD	12.91704
#1	-.006647
#2	-.007974
#3	-.008607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2716.667	26470.01	2697.796	1922.555	3462.425
Stddev	46.848	115.68	21.431	13.244	63.434
%RSD	1.724454	.4370412	.7943896	.6888565	1.832057
#1	2748.310	26344.45	2689.835	1908.411	3502.428
#2	2738.842	26572.29	2722.068	1934.663	3495.561
#3	2662.849	26493.28	2681.485	1924.590	3389.286

Sample Name: ICSAB013 Acquired: 12/09/2024 14:41:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB013 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1094589	.0416341	.0249758	.5624147	249.6805	.5435125
Stddev	.0019116	.0013107	.0052062	.0006257	.6531	.0004097
%RSD	1.746412	3.148160	20.84498	.1112494	.2615910	.0753776

#1	.1113210	.0406939	.0211947	.5631371	250.3920	.5432073
#2	.1075014	.0431313	.0309138	.5620639	249.5412	.5433522
#3	.1095543	.0410770	.0228188	.5620432	249.1082	.5439782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5482148	.9986299	257.2849	.6226432	.5431278	.4928685
Stddev	.0033390	.0015708	.5250	.0017450	.0013966	.0085492
%RSD	.6090607	.1572973	.2040679	.2802619	.2571499	1.734592

#1	.5518819	1.000441	257.7439	.6221382	.5446473	.4955497
#2	.5474124	.997642	257.3986	.6212063	.5419001	.4997557
#3	.5453502	.997806	256.7124	.6245850	.5428361	.4832999

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.3792	.5400976	254.3681	1.073283	.1914913	-.239533
Stddev	.1954	.0008551	.9129	.003598	.0006037	.615355
%RSD	.1889854	.1583308	.3588970	.3352604	.3152709	256.8978

#1	103.5129	.5397453	255.1134	1.077427	.1908270	-.873772
#2	103.4696	.5410726	254.6410	1.071473	.1916404	-.199845
#3	103.1550	.5394749	253.3498	1.070949	.1920065	.355017

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5324578	1.049059	1.639966	.0037621	F -.278636	.0002608
Stddev	.0065642	.007754	.374177	.0004022	.006363	.0003139
%RSD	1.232806	.7391413	22.81612	10.69087	2.283637	120.3714

#1	.5340979	1.042169	1.468805	.0041459	-.285982	.0005994
#2	.5380464	1.057456	1.381983	.0037967	-.275084	-.000021
#3	.5252291	1.047552	2.069110	.0033437	-.274842	.000203

Sample Name: ICSAB013 Acquired: 12/09/2024 14:41:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB013 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260158	.0006343	F .0131301	-.000856	F .0679883	.0072382
Stddev	.0043599	.0007030	.0015856	.002829	.0019925	.0003473
%RSD	16.75856	110.8222	12.07622	330.6069	2.930577	4.798297

#1	.0302617	.0007728	.0140804	-.003573	.0666043	.0076308
#2	.0215502	-.000128	.0140102	-.001066	.0702719	.0071129
#3	.0262354	.001258	.0112996	.002072	.0670886	.0069710

Elem	As1890
Units	ppm
Avg	.0916216
Stddev	.0029535
%RSD	3.223542

#1	.0891560
#2	.0908138
#3	.0948949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.190	26395.38	2678.732	1907.896	3494.681
Stddev	4.850	97.08	12.433	6.715	3.153
%RSD	.1767429	.3678046	.4641407	.3519759	.0902124

#1	2746.177	26457.11	2664.708	1915.247	3495.766
#2	2747.732	26445.56	2688.402	1906.356	3497.149
#3	2738.662	26283.48	2683.088	1902.084	3491.129

Sample Name: CCV087 Acquired: 12/09/2024 14:44:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119777	25.94905	5.026065	5.076455	419.8035	10.66422
Stddev	.003723	.04883	.022035	.017281	.1735	.00930
%RSD	.0727147	.1881886	.4384119	.3404074	.0413181	.0871867

#1	5.115854	25.90750	5.035795	5.079680	420.0033	10.67239
#2	5.120218	25.93682	5.000841	5.057789	419.7157	10.66617
#3	5.123260	26.00284	5.041561	5.091896	419.6915	10.65410

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5318113	2.604235	423.2391	16.29775	2.627988	15.84038
Stddev	.0002758	.002905	.3575	.03503	.003923	.02908
%RSD	.0518530	.1115676	.0844691	.2149680	.1492661	.1835863

#1	.5320858	2.602374	423.6112	16.27315	2.625645	15.84107
#2	.5318136	2.602748	423.2077	16.28223	2.625803	15.81097
#3	.5315343	2.607583	422.8983	16.33786	2.632517	15.86912

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	421.5171	15.57770	421.1772	2.614028	1.331860	420.1332
Stddev	1.3963	.02870	.7250	.004281	.003454	.7868
%RSD	.3312467	.1842589	.1721321	.1637839	.2593178	.1872831

#1	423.0165	15.55598	421.2081	2.610625	1.329552	420.1986
#2	421.2807	15.56688	420.4373	2.612623	1.330198	420.8854
#3	420.2541	15.61024	421.8863	2.618835	1.335831	419.3157

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.640854	15.42202	160.7124	5.219754	F 4.443869	5.041608
Stddev	.018839	.10186	.3802	.007248	.013586	.019824
%RSD	.7133580	.6604670	.2365559	.1388614	.3057213	.3932178

#1	2.652673	15.53814	160.9707	5.215462	4.431548	5.036594
#2	2.650760	15.34778	160.2758	5.215677	4.441619	5.024771
#3	2.619129	15.38013	160.8907	5.228122	4.458439	5.063458

Sample Name: CCV087 Acquired: 12/09/2024 14:44:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.212766	5.174456	5.251457	5.248276	5.421030	5.042228
Stddev	.006102	.013529	.010095	.000976	.005030	.005249
%RSD	.1170633	.2614583	.1922341	.0185973	.0927955	.1040927

#1	5.215670	5.161555	5.240102	5.249039	5.415235	5.040592
#2	5.216874	5.188536	5.254856	5.248613	5.424274	5.037992
#3	5.205754	5.173276	5.259415	5.247176	5.423582	5.048099

Elem	As1890
Units	ppm
Avg	5.057081
Stddev	.006116
%RSD	.1209354

#1	5.050071
#2	5.059844
#3	5.061328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.151	25131.20	2625.582	1662.180	3170.501
Stddev	9.728	83.34	5.106	9.593	5.076
%RSD	.4028068	.3316267	.1944552	.5771135	.1601116

#1	2415.985	25115.31	2621.437	1651.108	3173.632
#2	2424.435	25221.34	2631.285	1668.008	3173.227
#3	2405.032	25056.94	2624.023	1667.423	3164.644

Sample Name: CCB087 Acquired: 12/09/2024 14:52:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024275	.0016003	.0022678	.0040685	.0990247	.0015915
Stddev	.0014079	.0023209	.0026648	.0007621	.0149824	.0020313
%RSD	57.99587	145.0281	117.5061	18.73055	15.12993	127.6396

#1	.0038786	.0035470	.0038366	.0048485	.0830219	-.000683
#2	.0010673	.0022219	.0037757	.0040310	.1127186	.002231
#3	.0023367	-.000968	-.000809	.0033258	.1013336	.003226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000948	-.000016	.0731095	.0003306	-.000437	.0140517
Stddev	.0001318	.000024	.0522111	.0006118	.000210	.0074780
%RSD	139.0434	154.6450	71.41487	185.0318	48.07962	53.21753

#1	-.000057	-.000037	.0832781	.0004299	-.000586	.0065363
#2	.000176	.000011	.1194883	.0008867	-.000197	.0141272
#3	.000166	-.000021	.0165622	-.000325	-.000527	.0214917

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053303	-.000051	-.007290	.0000744	.0007229	.2727444
Stddev	.0230622	.001043	.014623	.0000848	.0009043	.6736828
%RSD	432.6612	2039.701	200.5819	113.9895	125.0932	247.0015

#1	.0293103	.000971	-.020786	.0001371	-.000176	-.504432
#2	.0033693	-.000010	.008246	-.000022	.001632	.632233
#3	-.016689	-.001114	-.009332	.000108	.000713	.690432

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065560	.0010098	2.321760	.0008999	.0062216	.0006281
Stddev	.0034003	.0051367	.135388	.0009489	.0005783	.0001508
%RSD	51.86485	508.7042	5.831259	105.4474	9.295182	24.01291

#1	.0087545	.0066615	2.443518	-.000094	.0060244	.0007205
#2	.0082741	-.000257	2.175963	.000997	.0068727	.0004541
#3	.0026395	-.003375	2.345801	.001796	.0057677	.0007098

Sample Name: CCB087 Acquired: 12/09/2024 14:52:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037967	.0024777	.0020469	.0010963	F .0795500	.0001532
Stddev	.0013343	.0008586	.0006345	.0015557	.0034120	.0002952
%RSD	35.14324	34.65364	30.99756	141.9049	4.289098	192.6381

#1	.0040706	.0018654	.0027776	.0008228	.0819050	-.000184
#2	.0049727	.0034592	.0017273	-.000304	.0756372	.000277
#3	.0023467	.0021086	.0016357	.002771	.0811080	.000366

Elem	As1890
Units	ppm
Avg	.0002690
Stddev	.0010714
%RSD	398.2480

#1	.0014590
#2	-.000033
#3	-.000619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2859.163	28125.19	2675.618	2008.781	3971.137
Stddev	14.910	547.43	15.290	34.926	26.137
%RSD	.5214856	1.946401	.5714616	1.738658	.6581838

#1	2843.710	28404.98	2683.043	2030.932	3942.825
#2	2873.464	28476.18	2685.778	2026.891	3994.348
#3	2860.314	27494.41	2658.033	1968.519	3976.237

Sample Name: P4902-01DLX2 Acquired: 12/09/2024 14:56:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E29Y8 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153049	.0677282	-.036567	-.007773	13.21409	.1693437	.0022675
Stddev	.0033757	.0008328	.002425	.004162	.07205	.0014312	.0000970
%RSD	22.05632	1.229673	6.632822	53.55044	.5452274	.8451688	4.278578

#1	.0189115	.0668501	-.039208	-.012564	13.19878	.1708423	.0023786
#2	.0122211	.0678277	-.036055	-.005053	13.29256	.1679909	.0022246
#3	.0147820	.0685068	-.034439	-.005701	13.15093	.1691980	.0021994

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039286	619.0294	.0508375	.0560347	.0605103	50.90934	1.245242
Stddev	.0000992	3.0893	.0006677	.0003478	.0066710	.30985	.007880
%RSD	2.524791	.4990534	1.313368	.6206301	11.02460	.6086325	.6328480

#1	.0038973	616.0466	.0511960	.0556458	.0529321	50.69491	1.236182
#2	.0038488	622.2152	.0512494	.0563160	.0631035	51.26460	1.249040
#3	.0040396	618.8263	.0500671	.0561423	.0654953	50.76853	1.250505

Elem	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	243.0823	.0476997	.0010089	1.082892	.0639906	.1584571	4.147098
Stddev	.7085	.0004006	.0003071	.556623	.0027832	.0012677	.108605
%RSD	.2914831	.8398917	30.43744	51.40150	4.349349	.8000393	2.618813

#1	242.2747	.0476023	.0006784	.457643	.0669865	.1585794	4.028098
#2	243.5994	.0481401	.0010629	1.266572	.0635000	.1596592	4.172330
#3	243.3729	.0473568	.0012853	1.524461	.0614854	.1571326	4.240865

Elem	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.710630	-.080613	.0140219	5.991591	4.584098	.0259749	.4194058
Stddev	.014684	.001370	.0004022	.028099	.004738	.0010373	.0022850
%RSD	.8584102	1.699319	2.868164	.4689718	.1033474	3.993480	.5448064

#1	1.694082	-.080824	.0136182	5.966008	4.582678	.0251350	.4169347
#2	1.715706	-.079149	.0140248	5.987101	4.589383	.0256552	.4198405
#3	1.722103	-.081865	.0144226	6.021665	4.580232	.0271344	.4214421

Sample Name: P4902-01DLX2 Acquired: 12/09/2024 14:56:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E29Y8 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	Sr4077	As1890
Units	ppm	ppm	ppm
Avg	.1101048	.5953164	.0389541
Stddev	.0052287	.0022199	.0005246
%RSD	4.748849	.3728898	1.346736
#1	.1076761	.5927733	.0385542
#2	.1065322	.5963099	.0387599
#3	.1161062	.5968660	.0395481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2727.022	26957.21	2719.682	1919.091	3339.885
Stddev	21.565	181.17	15.195	4.741	25.721
%RSD	.7907857	.6720568	.5587033	.2470478	.7701193
#1	2742.384	26978.41	2713.916	1922.467	3363.990
#2	2736.314	26766.38	2708.214	1913.671	3342.859
#3	2702.369	27126.85	2736.916	1921.135	3312.806

Sample Name: CCV088 Acquired: 12/09/2024 14:59:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.148006	26.19271	5.114624	5.129680	420.2975	10.70996
Stddev	.006231	.00633	.004229	.001702	3.7432	.09045
%RSD	.1210410	.0241792	.0826756	.0331707	.8906084	.8445246

#1	5.152344	26.19993	5.109754	5.129358	424.5420	10.80467
#2	5.140866	26.19007	5.117360	5.131519	418.8823	10.70073
#3	5.150809	26.18812	5.116759	5.128162	417.4683	10.62448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5291802	2.629907	424.9517	16.34892	2.645749	15.91696
Stddev	.0037964	.002028	3.8633	.41987	.002915	.18250
%RSD	.7174131	.0771275	.9091052	2.568178	.1101755	1.146593

#1	.5333706	2.632214	429.3721	15.90573	2.648716	16.12555
#2	.5259702	2.628405	423.2609	16.74074	2.642889	15.78667
#3	.5281997	2.629101	422.2221	16.40030	2.645640	15.83866

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	423.2008	15.65628	422.8147	2.630787	1.335502	420.3315
Stddev	3.6192	.17039	5.1146	.001702	.033846	4.1659
%RSD	.8551990	1.088326	1.209661	.0647078	2.534334	.9910938

#1	427.3302	15.84922	428.6868	2.632151	1.301369	425.1337
#2	421.6931	15.52644	419.3324	2.628879	1.369053	418.1729
#3	420.5793	15.59316	420.4248	2.631332	1.336082	417.6879

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.648252	15.56766	161.0796	5.277190	F 4.400315	5.088276
Stddev	.022691	.40653	1.5393	.004419	.032623	.001128
%RSD	.8568278	2.611366	.9556311	.0837325	.7413731	.0221588

#1	2.674415	15.13455	162.8570	5.279672	4.430790	5.089445
#2	2.636391	15.94099	160.1875	5.272089	4.365902	5.088187
#3	2.633949	15.62745	160.1942	5.279811	4.404254	5.087195

Sample Name: CCV088 Acquired: 12/09/2024 14:59:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.294278	5.153791	5.291539	5.287869	5.396142	5.083680
Stddev	.003276	.045875	.004270	.058672	.044248	.055500
%RSD	.0618782	.8901152	.0807021	1.109567	.8199844	1.091730

#1	5.295597	5.204945	5.296411	5.355617	5.444775	5.147688
#2	5.296688	5.116301	5.289756	5.254261	5.385391	5.048949
#3	5.290548	5.140126	5.288449	5.253728	5.358261	5.054402

Elem	As1890
Units	ppm
Avg	5.081553
Stddev	.007388
%RSD	.1453793

#1	5.087811
#2	5.073404
#3	5.083443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.512	24982.96	2631.853	1656.262	3149.757
Stddev	5.934	590.12	30.538	39.748	3.439
%RSD	.2477087	2.362098	1.160319	2.399891	.1091870

#1	2400.869	25566.34	2596.624	1698.058	3153.443
#2	2389.134	24386.32	2650.806	1618.940	3146.635
#3	2396.533	24996.20	2648.128	1651.789	3149.191

Sample Name: CCB088 Acquired: 12/09/2024 15:03:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022436	.0031674	-.000408	.0020075	.0447168	.0034559
Stddev	.0010139	.0015200	.000995	.0001734	.0098289	.0016655
%RSD	45.19144	47.98869	244.1065	8.636518	21.98026	48.19354

#1	.0011010	.0015169	-.001037	.0021074	.0500693	.0039819
#2	.0030360	.0045097	.000740	.0018073	.0333734	.0015909
#3	.0025937	.0034756	-.000925	.0021078	.0507078	.0047949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000874	-.000031	.0993697	.0022540	.0000318	.0116639
Stddev	.0001740	.000050	.0217324	.0002203	.0002011	.0082951
%RSD	199.0581	159.3778	21.87026	9.774511	631.8549	71.11722

#1	.0002317	-.000067	.1021455	.0024048	.0000016	.0029983
#2	-.000106	-.000052	.0763827	.0023560	.0002464	.0124629
#3	.000136	.000026	.1195808	.0020012	-.000152	.0195306

Elem	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280	Na8183
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305383	.0006464	.0930117	.0000846	.0007559	-.230100
Stddev	.0297921	.0004425	.0488900	.0004694	.0011807	.534816
%RSD	97.55658	68.45318	52.56335	554.9612	156.1861	232.4275

#1	.0355347	.0011572	.0552297	.0003926	-.000556	.248183
#2	.0575162	.0003781	.1482294	.0003167	.001090	-.807563
#3	-.001436	.0004040	.0755759	-.000456	.001733	-.130920

Elem	V_2924	Zn2138	K_7698	P_1774	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065437	.0011341	2.357462	-.000542	.0194324	.0010224
Stddev	.0100724	.0019098	.138191	.001435	.0028049	.0005763
%RSD	153.9256	168.3912	5.861850	264.9259	14.43403	56.36670

#1	-.004821	.0018371	2.405101	-.001564	.0220076	.0015554
#2	.010087	.0025928	2.201754	.001099	.0198460	.0004109
#3	.014366	-.001027	2.465531	-.001160	.0164437	.0011007

Sample Name: CCB088 Acquired: 12/09/2024 15:03:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v2) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029463	.0032328	.0018108	.0053592	F .0929749	.0005731
Stddev	.0016856	.0006685	.0009383	.0044386	.0028754	.0002103
%RSD	57.21022	20.67937	51.81537	82.82139	3.092668	36.69245

#1	.0010686	.0036302	.0024088	.0104471	.0898837	.0003395
#2	.0043288	.0024610	.0007294	.0033498	.0955699	.0006324
#3	.0034415	.0036071	.0022941	.0022807	.0934711	.0007474

Elem	As1890
Units	ppm
Avg	<.0000000
Stddev	.0025428
%RSD	201.5364

#1	-.004102
#2	-.000485
#3	.000803

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.824	27924.74	2676.600	1993.290	3939.108
Stddev	4.750	417.79	11.910	19.973	11.373
%RSD	.1683358	1.496135	.4449860	1.001992	.2887203

#1	2817.182	28070.01	2690.281	1998.306	3927.150
#2	2821.614	28250.50	2670.976	2010.277	3940.385
#3	2826.676	27453.70	2668.543	1971.288	3949.788