High-quality Analytical Reagents
AKS, GEN, STD...
Website: www.chemwhat.com
Email: contact@chemwhat.com
Watson International Ltd (Limited)
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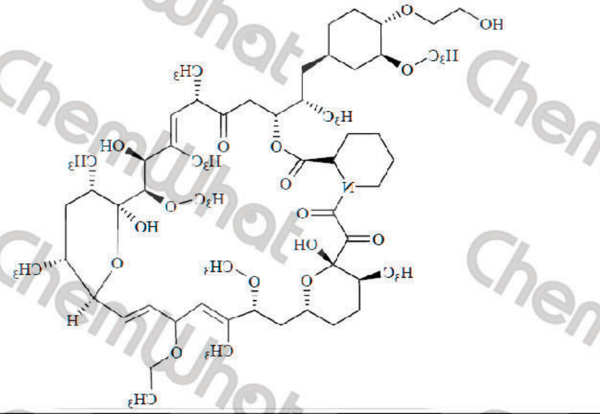
TECHNICAL DATA SHEET (TDS)

PRODUCT NAME	Everolimus EP Impurity F	
PRODUCT NUMBER	1398167	
CAS NUMBER	159351-69-66	
MOLECULAR FORMULA	$C_{55}H_{89}NO_{16}$	
MOLECULAR WEIGHT	1020.31	
STANDARD	Enterprise Standard	

TEST ITEMS	SPECIFICATIONS
APPEARANCE	Off-white Solid
H-NMR	Conform to structure
MS	Conform to structure
IR	Conform to structure
Solubility	Methanol
PURITY (BY HPLC)	≥95%
STORAGE	Store at 2~8 °C for long time, sealed and away from light.

ANALYZER		**SUPERVISOR**	

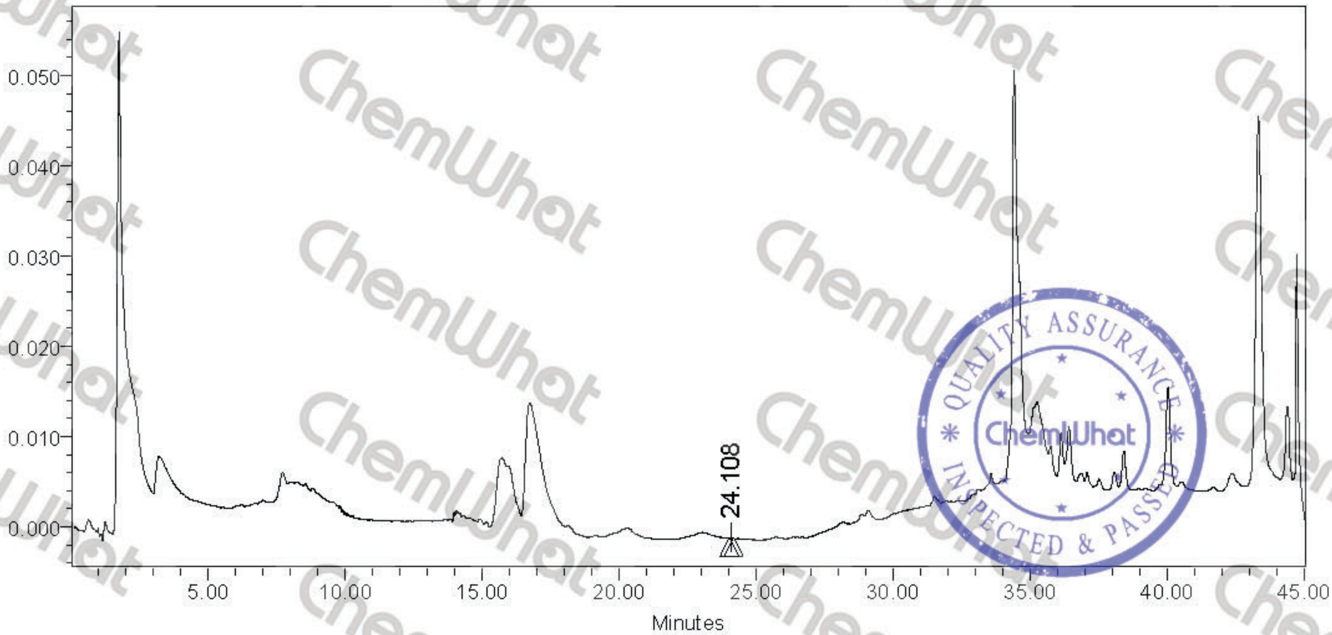
QUALITY ASSURANCE ChemWhat INSPECTED & PASSED

SAMPLE INFORMATION

Sample Name:		Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	1	Acq. Method Set:	EVEROLIMUS EP
Injection #:	1	Processing Method:	EVEROLIMUS EP
Injection Volume:	10.00 ul	Channel Name:	210.0nm
Run Time:	45.0 Minutes	Proc. Chnl. Descr.:	PDA 210.0 nm

Date Acquired:
Date Processed:

Auto-Scaled Chromatogram



Peak Results

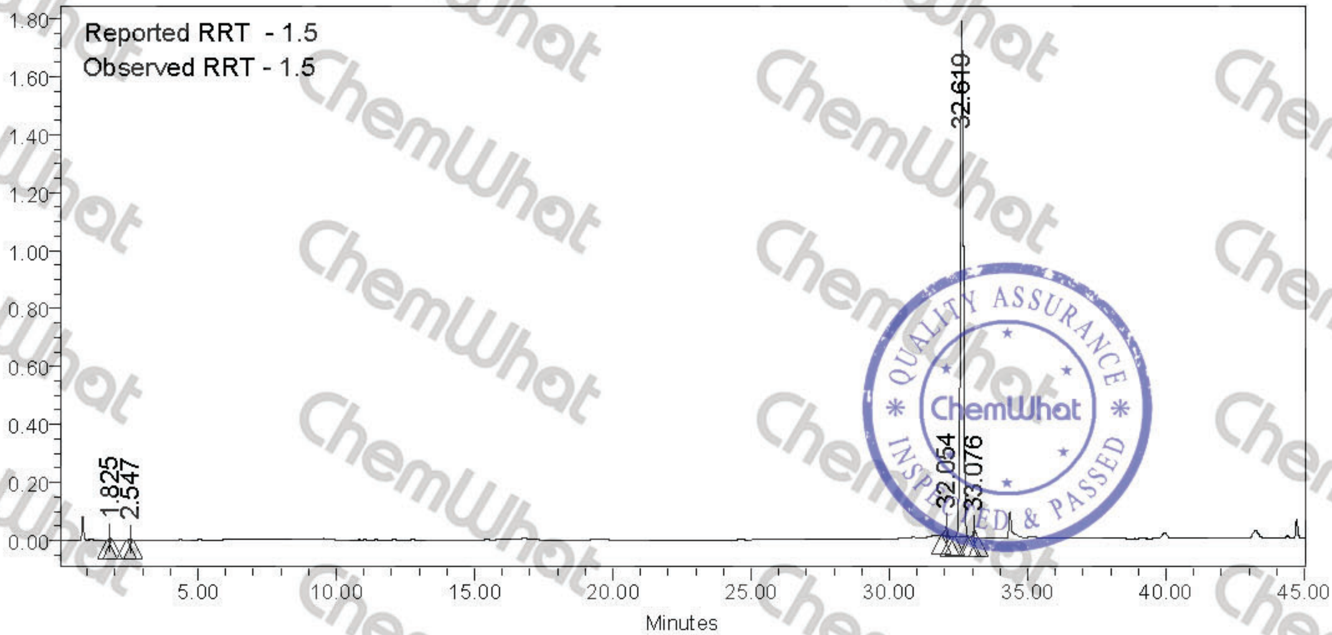
	RT	Area	Height	% Area	% Height
1	24.108	259	67	100.00	100.00

SAMPLE INFORMATION

Sample Name:		Acquired By:	System
Sample Type:	Standard	Sample Set Name:	
Vial:	6	Acq. Method Set:	EVEROLIMUS EP
Injection #:	1	Processing Method:	EVEROLIMUS EP
Injection Volume:	10.00 ul	Channel Name:	210.0nm
Run Time:	45.0 Minutes	Proc. Chnl. Descr.:	PDA 210.0 nm

Date Acquired:
Date Processed:

Auto-Scaled Chromatogram



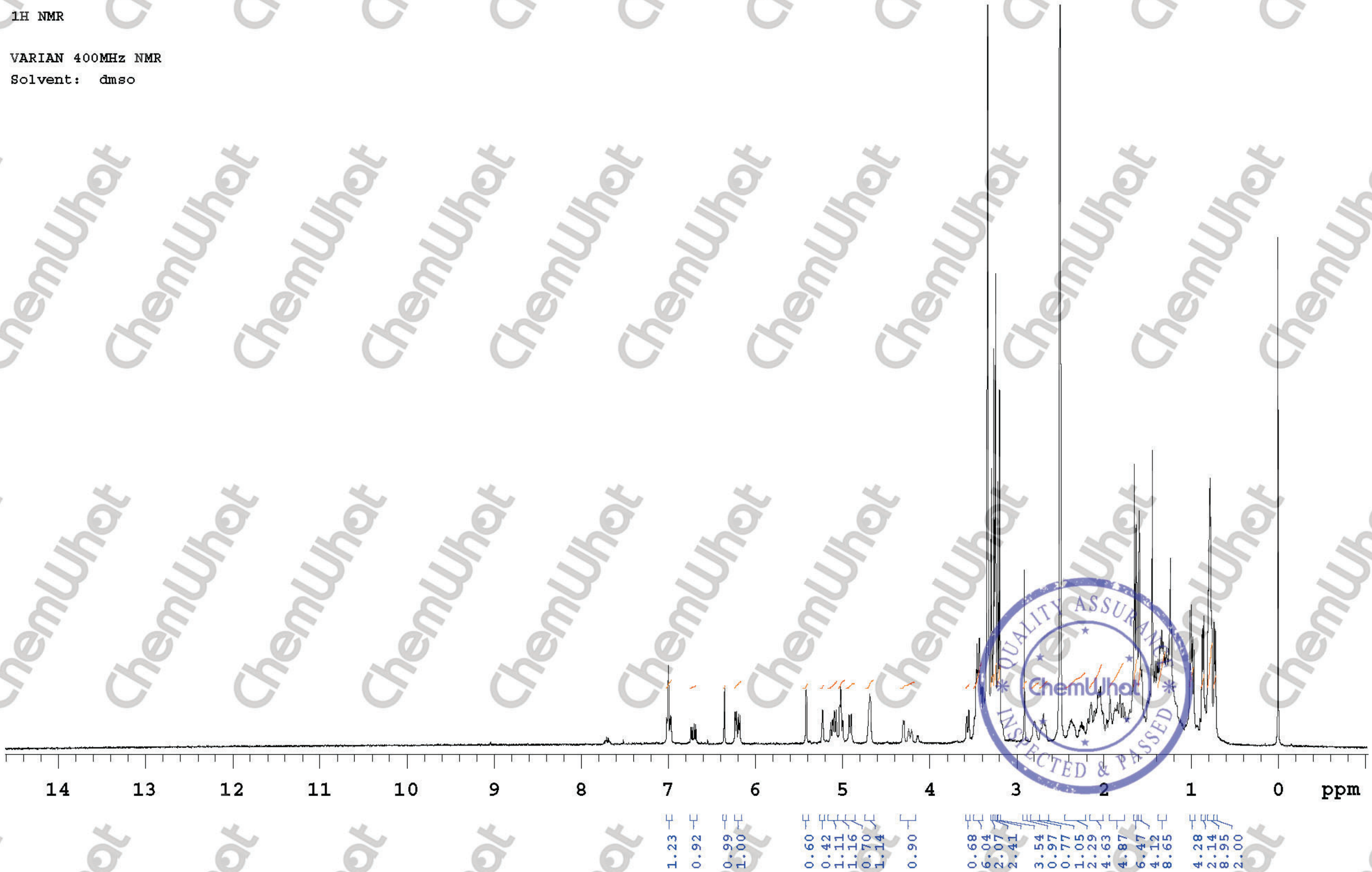
Peak Results

	RT	Area	Height	% Area	% Height
1	1.825	43255	7271	0.31	0.40
2	2.547	26540	4251	0.19	0.24
3	32.054	230629	31361	1.66	1.73
4	32.619	13375045	1739685	96.50	96.20
5	33.076	185238	25746	1.34	1.42

1019.3
1010.8
886.7
996.4
100
%
0
300
400
500
600
700
800
900
1000
1100
m/z

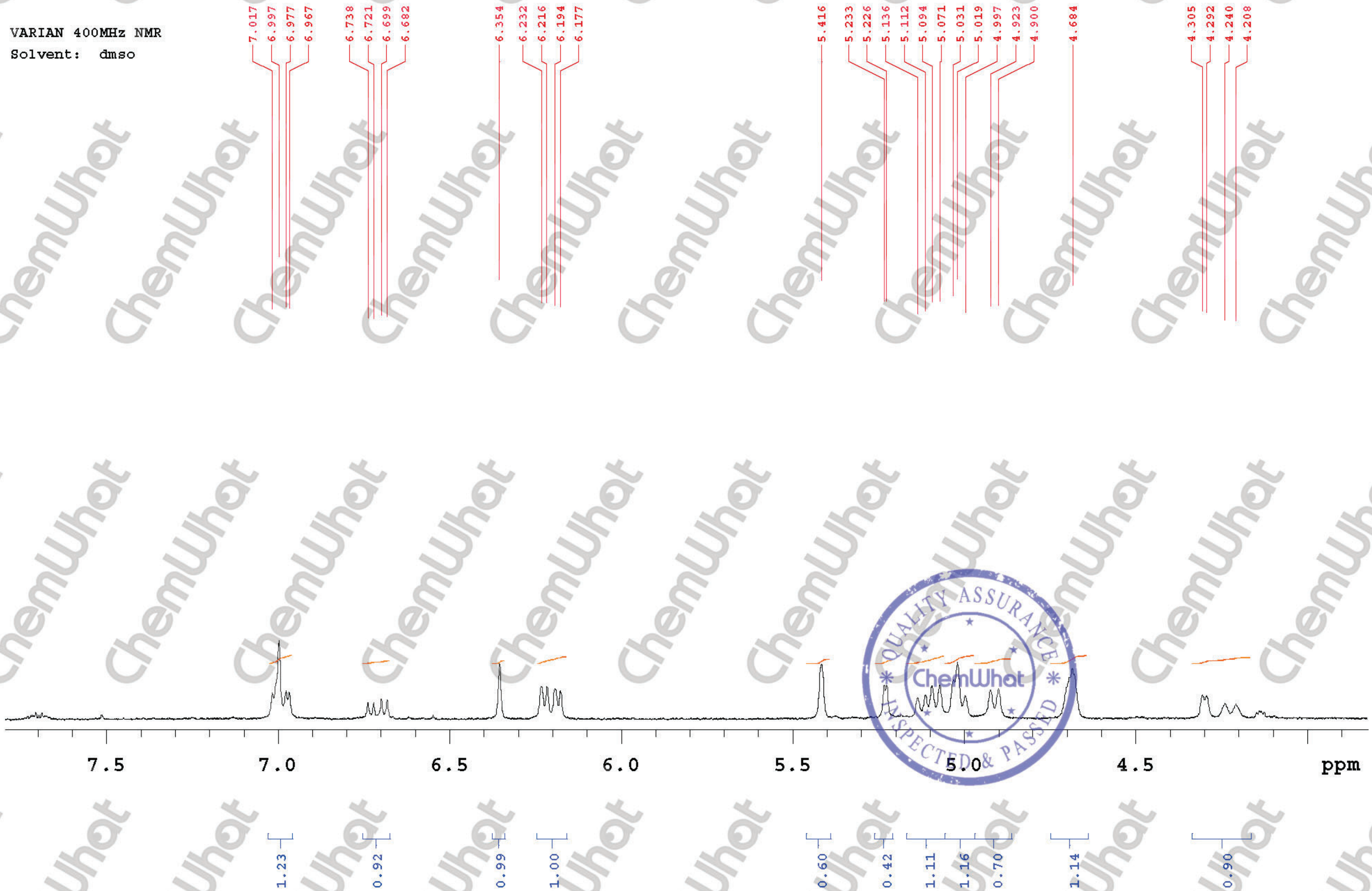
1H NMR

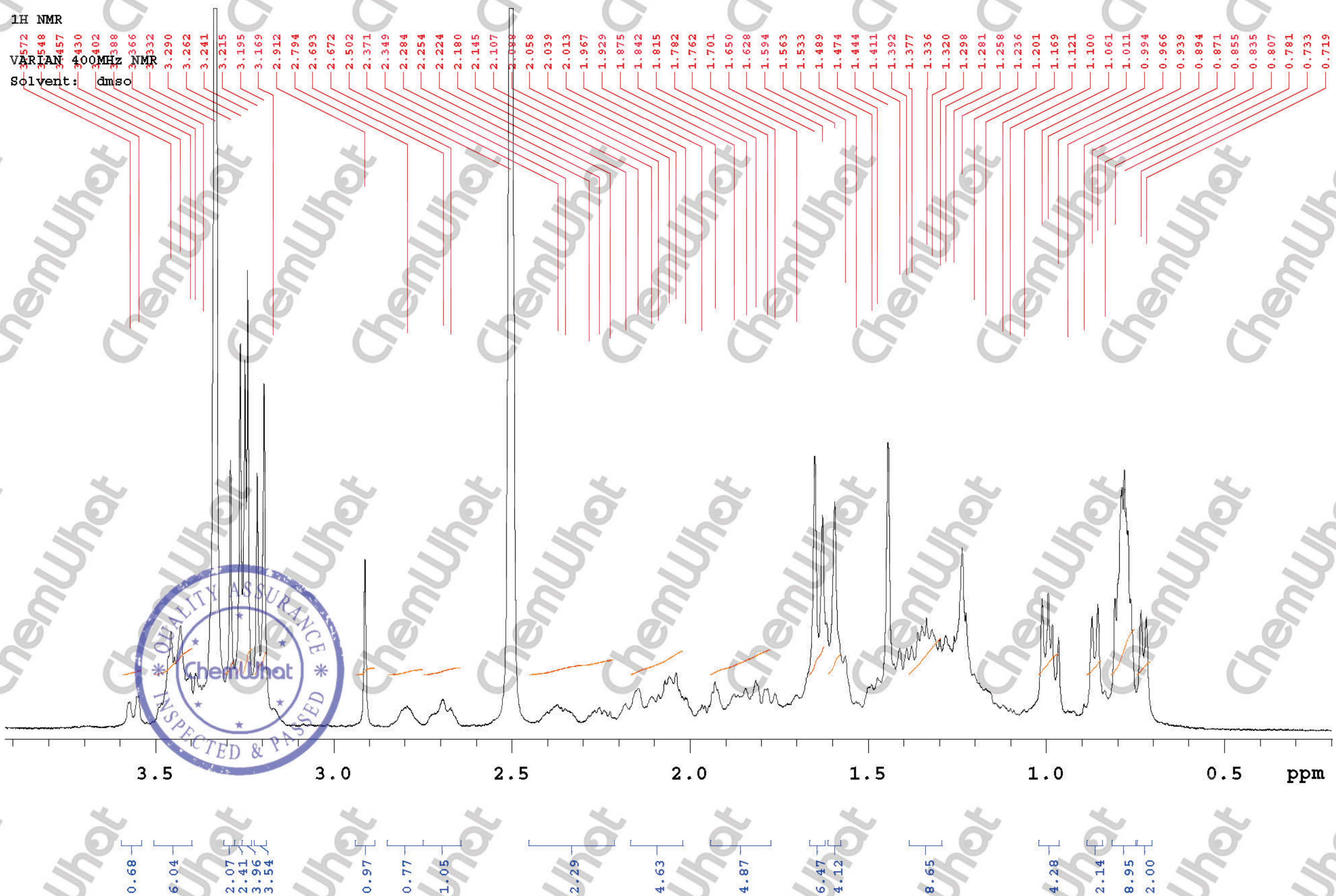
VARIAN 400MHz NMR
Solvent: dmso



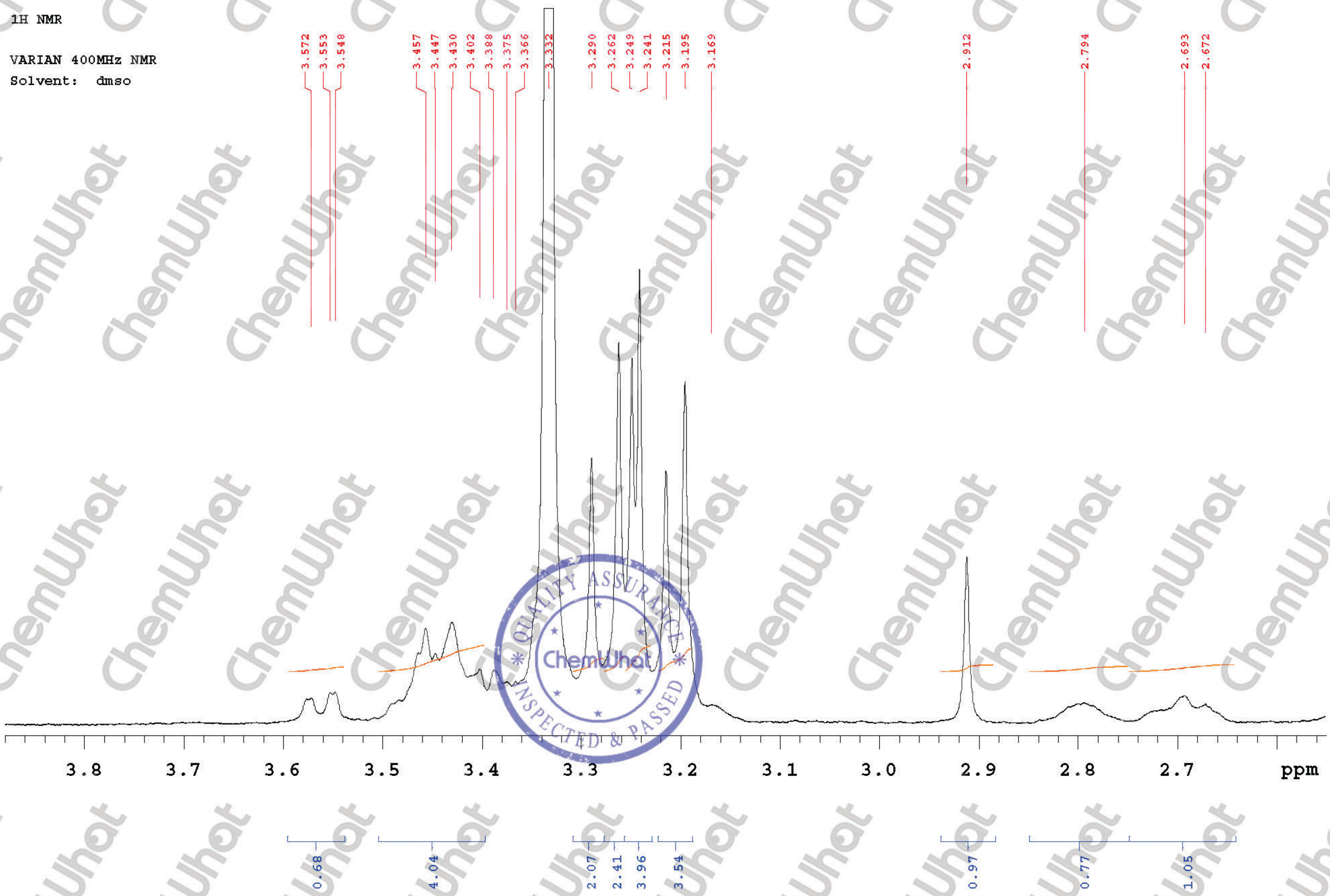
1H NMR

VARIAN 400MHz NMR
Solvent: dmso





1H NMR
VARIAN 400MHz NMR
Solvent: dmso
3.572
3.548
3.457
3.430
3.402
3.388
3.366
3.332
3.290
3.262
3.241
3.215
3.195
3.169
2.912
2.794
2.693
2.672
2.502
2.371
2.349
2.284
2.254
2.224
2.180
2.145
2.107
2.088
2.058
2.039
2.013
1.967
1.929
1.875
1.842
1.815
1.782
1.762
1.701
1.650
1.628
1.594
1.563
1.533
1.489
1.474
1.444
1.411
1.392
1.377
1.336
1.320
1.298
1.281
1.258
1.236
1.201
1.169
1.121
1.100
1.061
1.011
0.994
0.966
0.939
0.894
0.871
0.855
0.835
0.807
0.781
0.733
0.719
3.5
3.0
2.5
2.0
1.5
1.0
0.5
ppm
0.68
6.04
2.07
2.41
3.96
3.54
0.97
0.77
1.05
2.29
4.63
4.87
6.47
4.12
8.65
4.28
2.14
8.95
2.00
QUALITY ASSURANCE
INSPECTED & PASSED
ChemWhat


1H NMR
VARIAN 400MHz NMR
Solvent: dmso
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2.693
2.672
3.8
3.7
3.6
3.5
3.4
3.3
3.2
3.1
3.0
2.9
2.8
2.7
ppm
0.68
4.04
2.07
2.41
3.96
3.54
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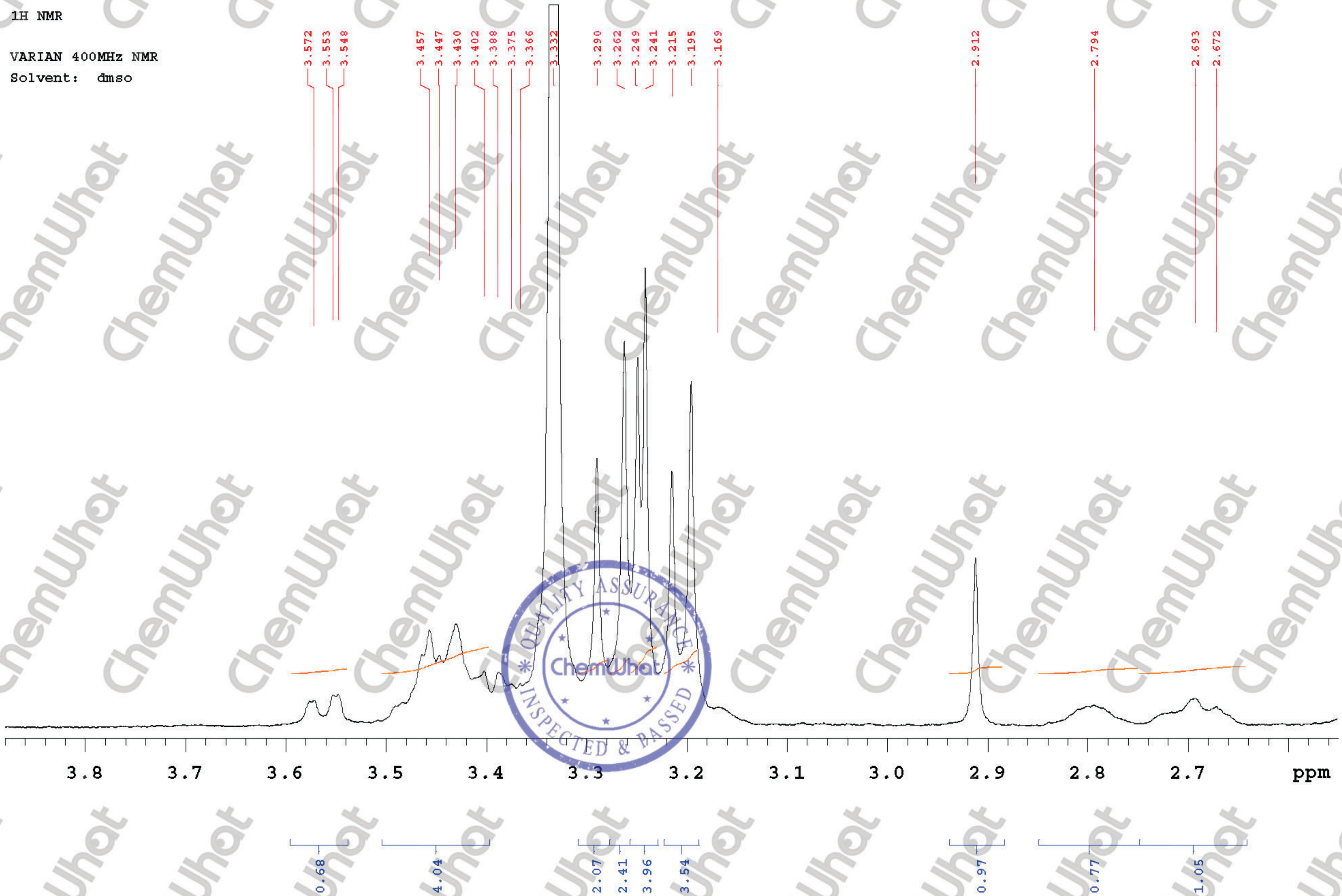
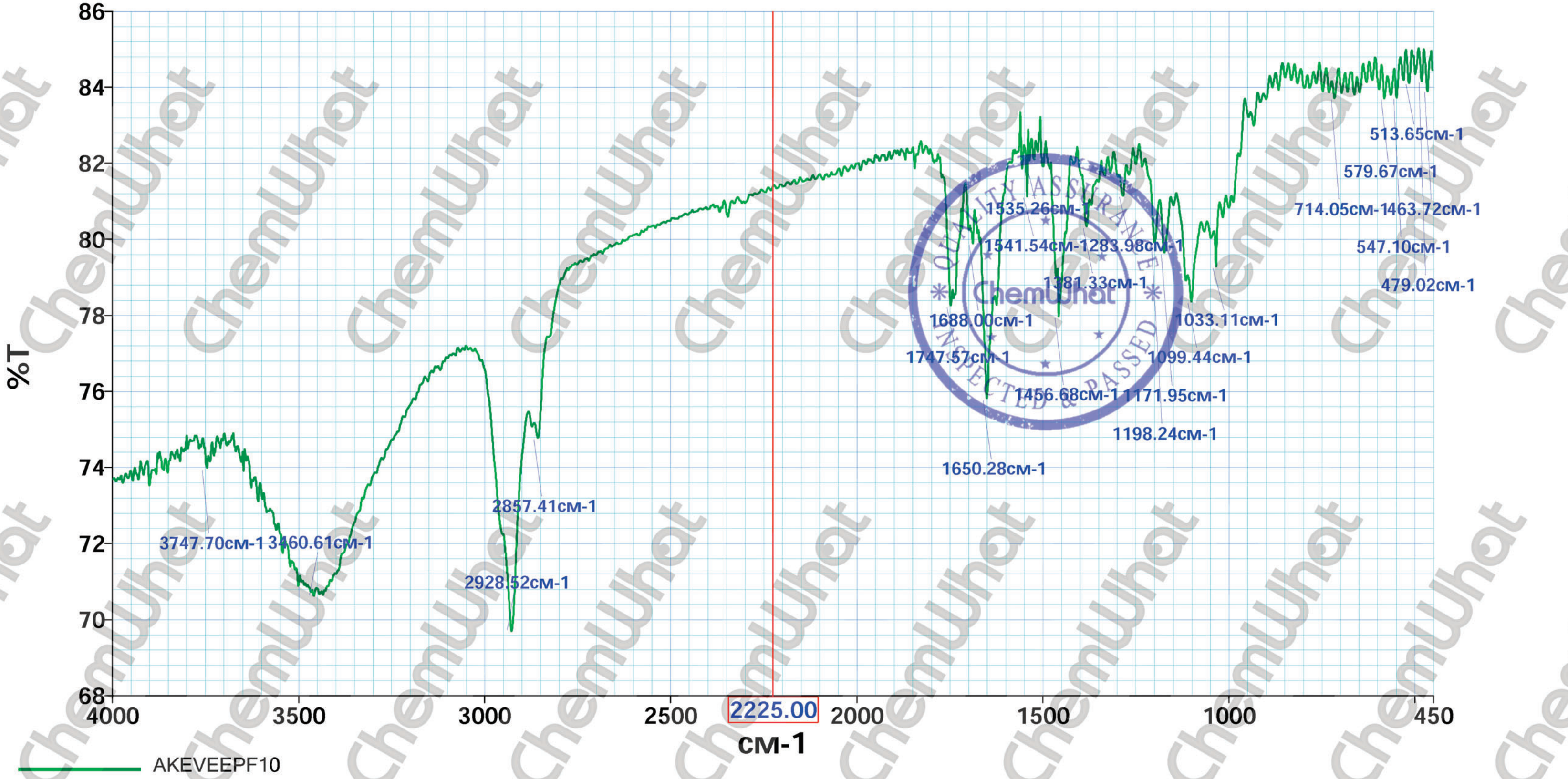
0.77
1.05
QUALITY ASSURANCE
ChemWhat
INSPECTED & PASSED

1H NMR

VARIAN 400MHz NMR
Solvent: dmso



Analyst QCANL-01

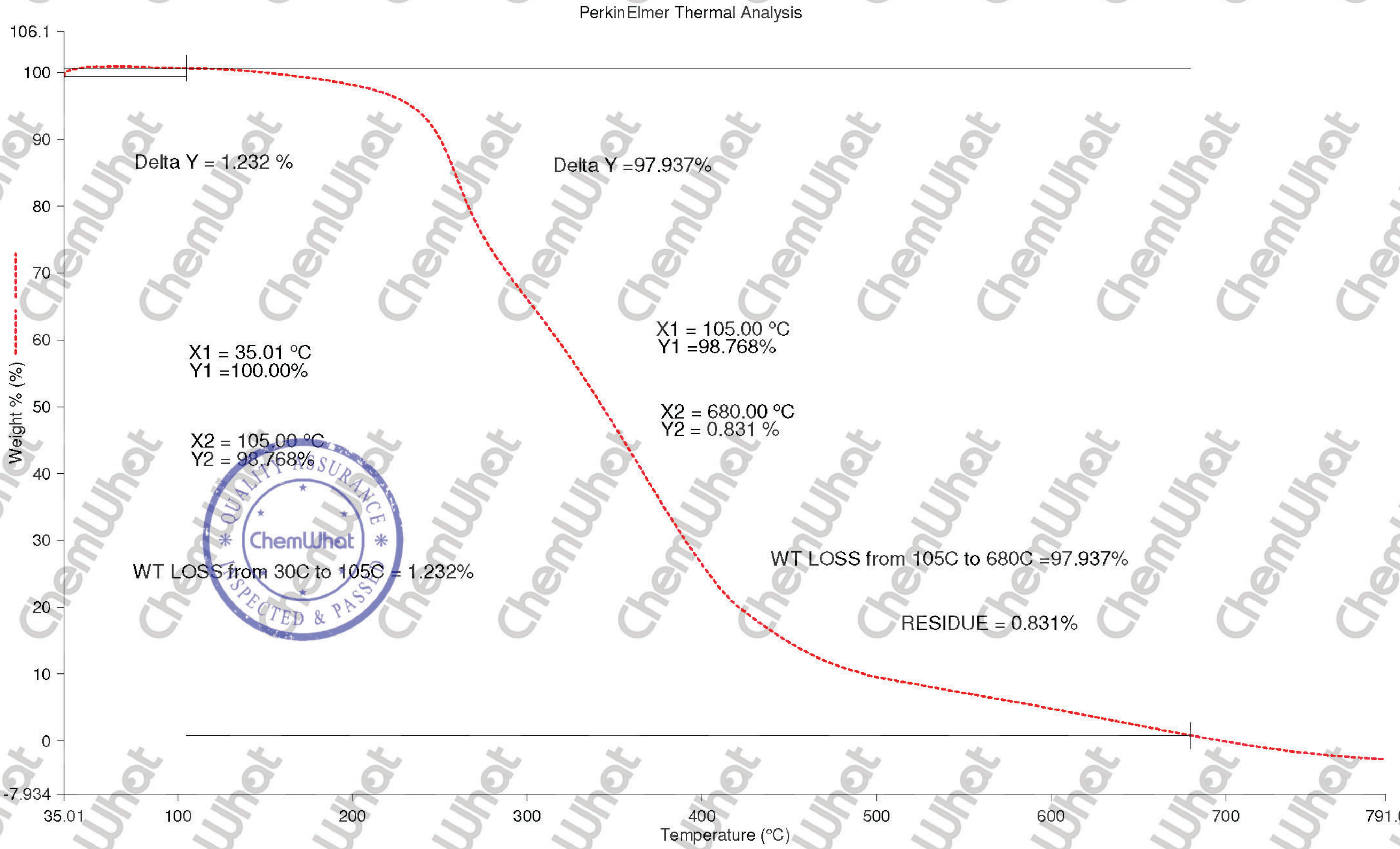


Source Spectra Results	
Spectrum Name	Number Of Peaks
	22

List of Peak Area/Height

Peak Number	X (cm-1) (cm-1)
1	3747.70
2	3460.61
3	2928.52
4	2857.41
5	1747.57
6	1688.00
7	1650.28
8	1541.54
9	1535.26
10	1456.68
11	1381.33
12	1283.98
13	1198.24
14	1171.95
15	1099.44
16	1033.11
17	714.05
18	579.67
19	547.10
20	513.65
21	479.02
22	463.72

Filename:
Operator ID: ADMIN
Sample ID:
Sample Weight: 1.685 mg
Comment:



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1) Heat from 35.00°C to 800.00°C at 20.00°C/min