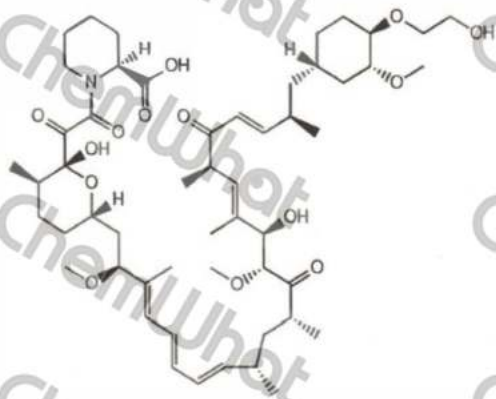
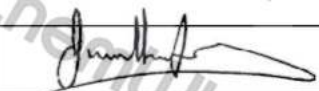
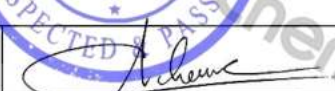


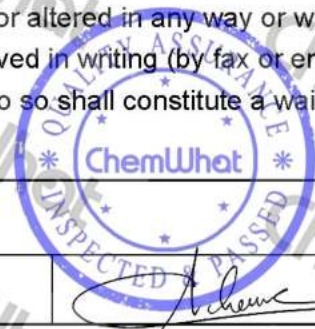
TECHNICAL DATA SHEET (TDS)

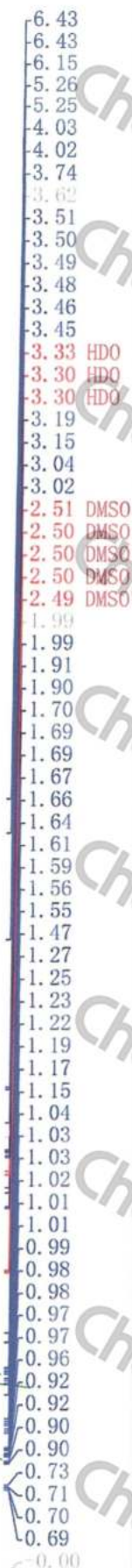
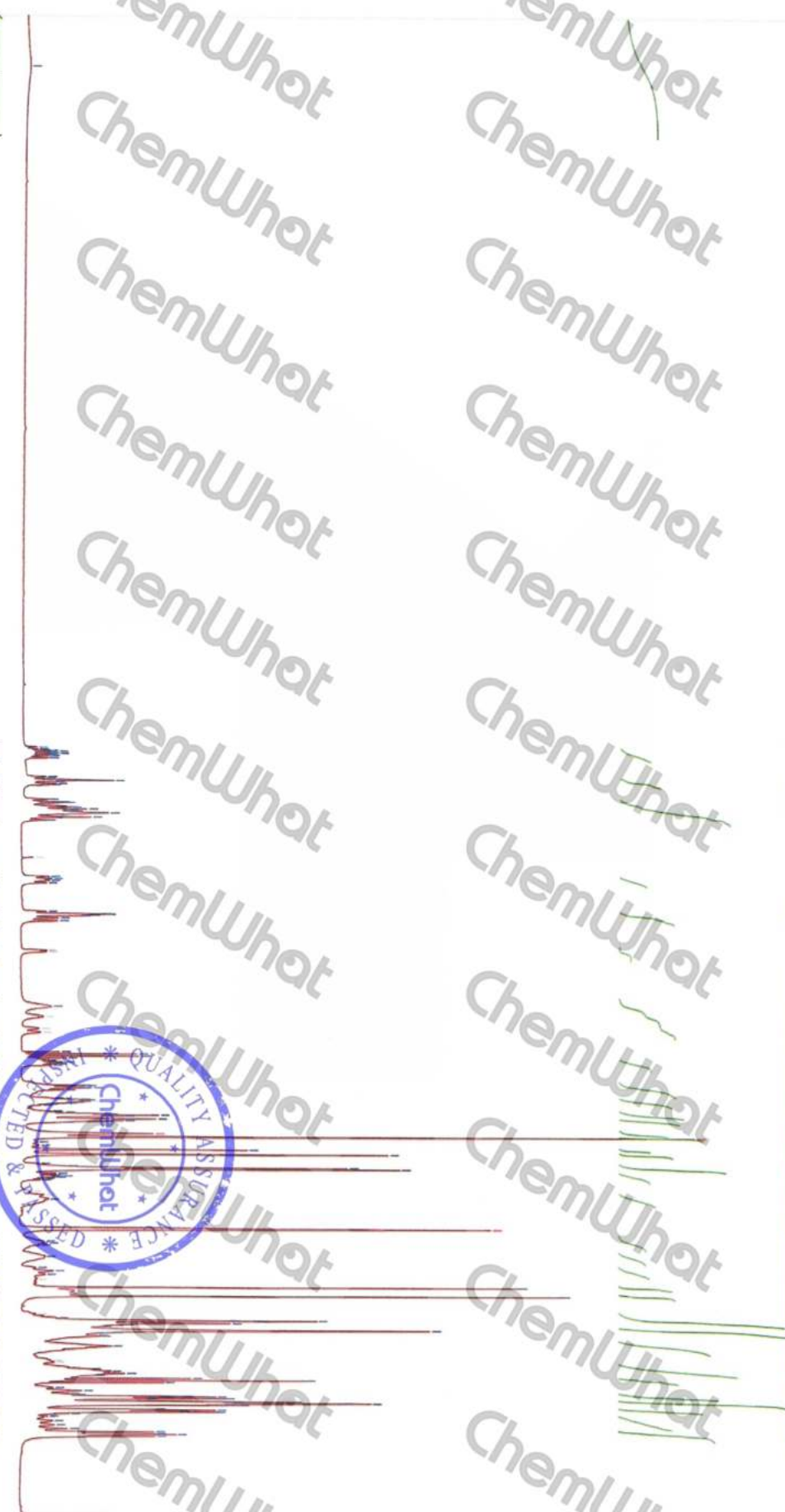
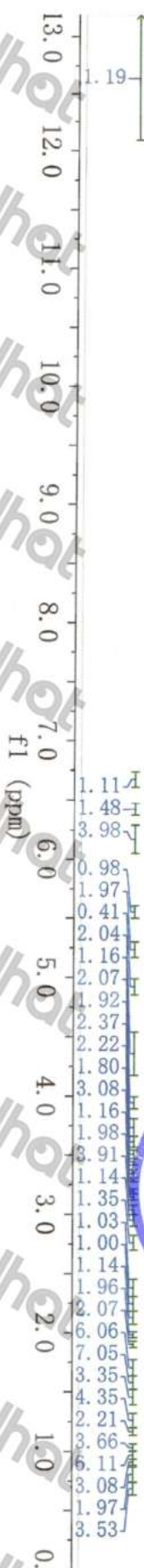
PRODUCT NAME	Everolimus Impurity Everolimus-19-ene open ring(804-95)	
PRODUCT NUMBER	1405528	
CAS NUMBER	1062122-63-7	
MOLECULAR FORMULA	C ₅₃ H ₈₃ NO ₁₄	
MOLECULAR WEIGHT	958.24	
STANDARD	Enterprise Standard	

TEST ITEMS	SPECIFICATIONS
APPEARANCE	White Solid
MS	Conform to structure
NMR	Conform to structure
PURITY	≥95%
ASSAY	≥90%
STORAGE	Store at 2~8 °C for long time, sealed and away from light.

"ChemWhat" has been acquired by Watson and is now acting as a sub-brand under Watson International. WATSON INTERNATIONAL warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. WATSON's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way or which has been misused or damaged by accident or negligence. All claims must be received in writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

ANALYZER		SUPERVISOR	
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6.8 6.6 6.4 6.2 6.0 5.8 5.6 5.4 5.2 5.0 4.8 4.6 4.4 4.2 4.0 3.8 3.6 3.4 3.2 3.0 2.8 2.6 2.4
f1 (ppm)

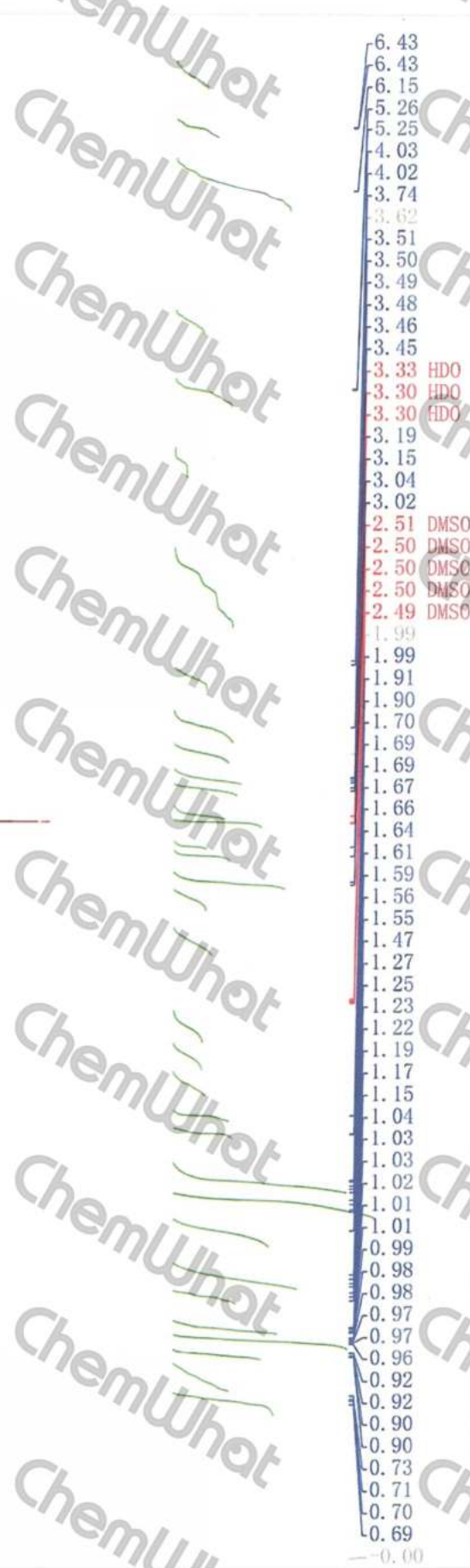
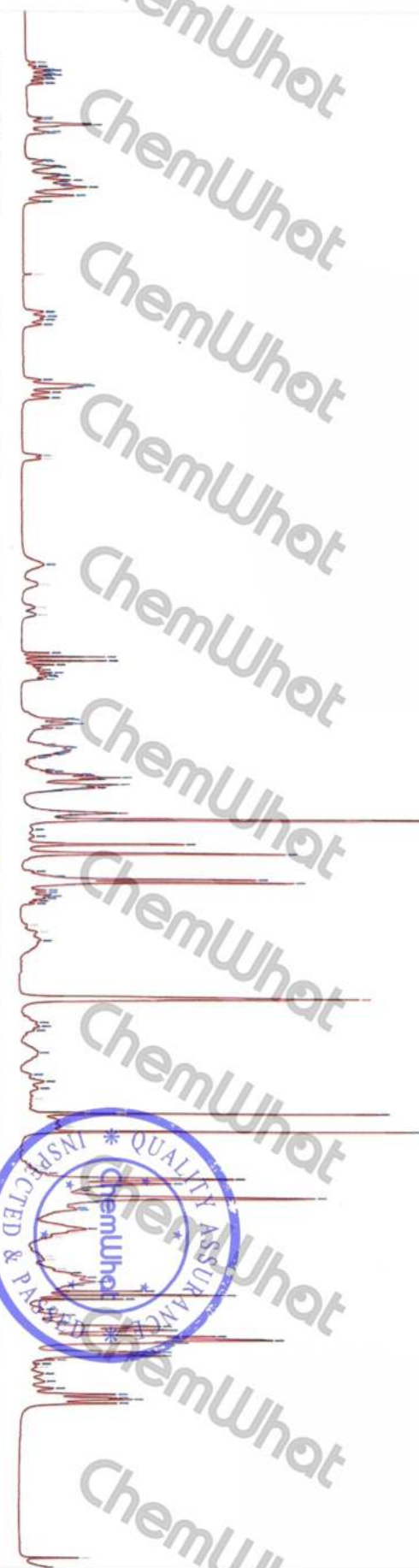


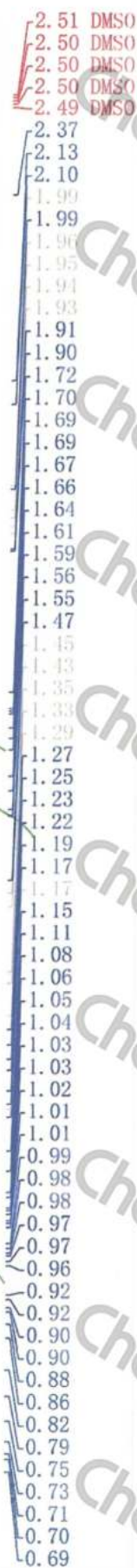
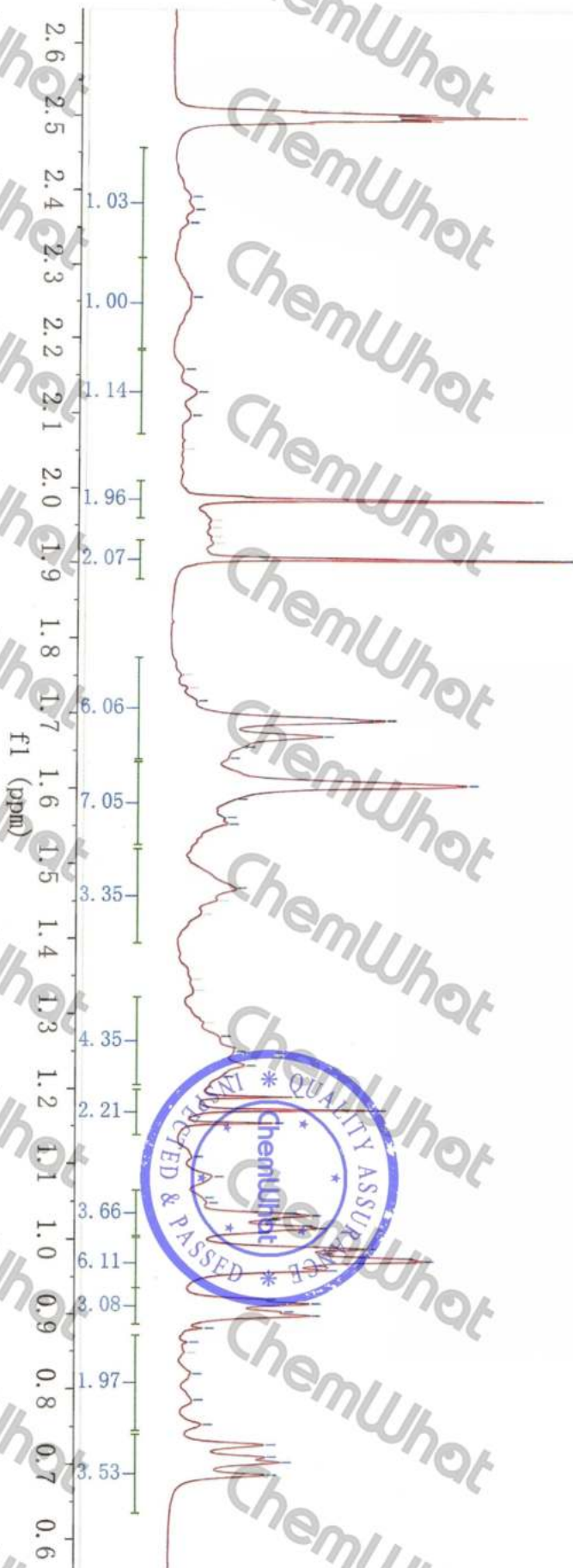
6.68
6.66
6.43
6.43
6.42
6.40
6.24
6.24
6.21
6.20
6.20
6.18
6.17
6.16
6.15
6.11
5.26
5.25
5.24
5.24
5.22
5.20
4.05
4.03
4.02
4.00
3.96
3.95
3.95
3.94
3.76
3.75
3.74
3.74
3.73
3.71
3.64
3.63
3.63
3.62
3.61
3.60
3.60
3.52
3.51
3.50
3.49
3.48
3.46
3.45
3.43
3.33 H₂O
3.30 H₂O
3.30 H₂O
3.19
3.15
3.05
3.04
3.02
3.01
2.99
2.98
2.96
2.96
2.95
2.51 DMSO
2.50 DMSO
2.50 DMSO
2.50 DMSO
2.49 DMSO

ChemWhat

6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

f1 (ppm)

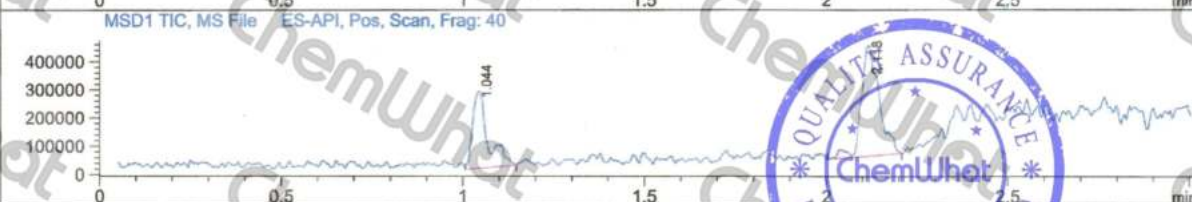
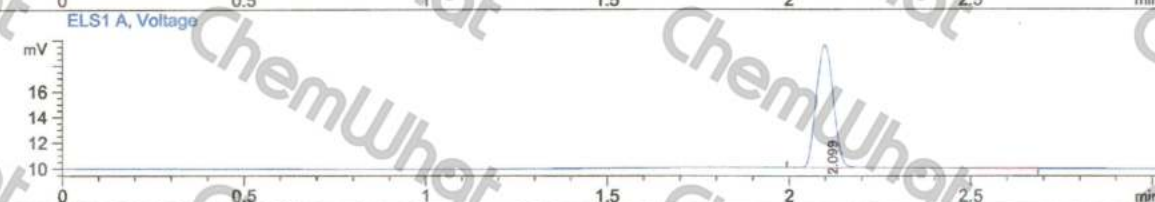
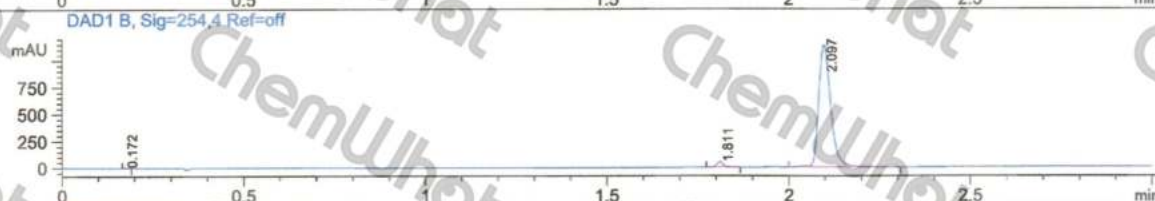
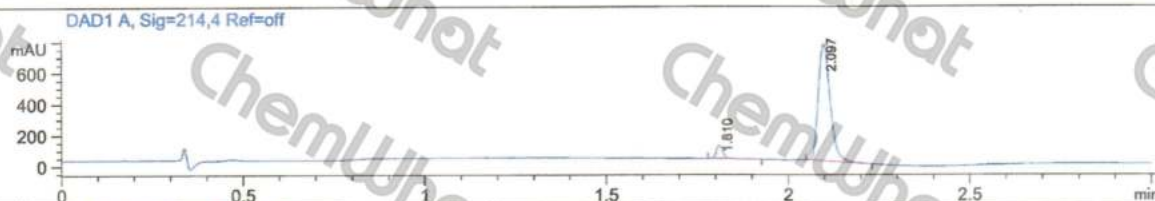




MS Report

File ..\MONITOR\LCMS049.D
Injection Date :
Sample Name :
Acq. Operator : PRE-43
Spec. Reported : MS Integration
Acq. Method : C:\Chem32\1\METHODS\MONITOR 3MIN-A-P.M
Analysis Method : C:\Chem32\1\METHODS\MONITOR 3MIN-A-P.M
Sample Info : Easy-Access Method: 'MONITOR 3MIN-A-P.M'
Method Info : Column: Waters X-Bridge-C18 50mm*4.6mm, 3.5um
Mobile Phase: A: Water (0.05%TFA) B: ACN (0.05%TFA);
Gradient : B from 5% to 100% for 1.6 min and hold 100% for 1.4 min;
Flow Rate: 2 mL/min;
Column Temperature: 40 °C.

Tgt Mass (EZ):
Seq. Line : 0
Location : P2-B-04
Inj : 1
Inj Volume : 2 ul



Integration Results for DAD1 A, Sig=214.4 Ref=off

RetTim	Width	Area	Height	Area%
1.81	0.02	88.04	88.10	4.80
2.10	0.04	1747.43	749.78	95.20

Integration Results for DAD1 B, Sig=254.4 Ref=off

RetTim	Width	Area	Height	Area%
0.17	0.01	2.48	6.22	0.09
1.81	0.02	62.35	52.72	2.26
2.10	0.04	2697.91	1141.37	97.65

Integration Results for ELS1 A, Voltage

RetTim	Width	Area	Height	Area%
2.10	0.05	31.88	9.56	100.00

Integration Results for MSD1.TIC, MS File

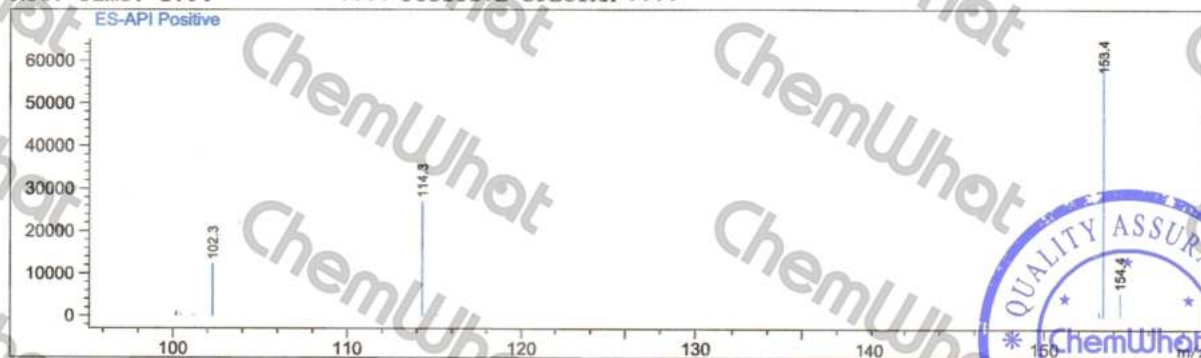
RetTim	Width	Area	Height	Area%
1.04	0.04	775535.56	271551.16	35.07
2.12	0.06	1334715.25	389622.81	63.25



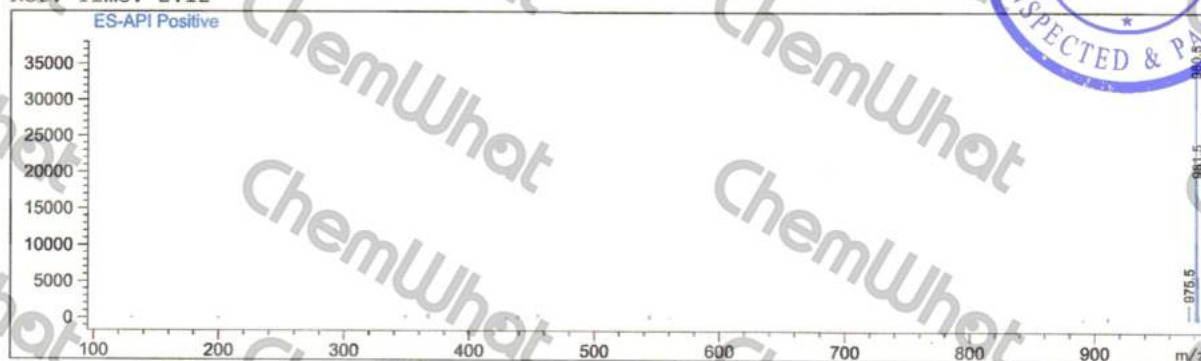
MS Report

Ret. Time: 1.04

<<<< POSITIVE SPECTRA >>>>



Ret. Time: 2.12



SHIMADZU LabSolutions Analysis Report

<Sample Information>

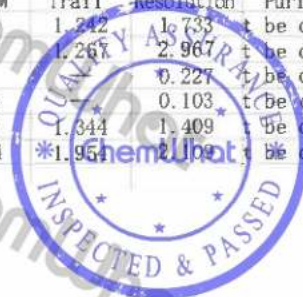
Sample Name :
 Sample ID :
 Data Filename :
 Method Filename :
 Batch Filename :
 Vial# : 1-16
 Injection Volume : 10 uL

<Chromatogram>



Peak#	Ret. Time	Area	Height	Area%	Plant/M	Trail	Resolution	Purity
1	1.907	2392	257	0.010	110	—	—	1.000
2	2.128	4491	368	0.019	295	—	0.361	0.982
3	2.423	2692	382	0.011	2177	1.132	0.840	0.993
4	2.758	7600	754	0.031	1572	1.284	1.380	t be calcu
5	3.324	1171	133	0.005	2932	—	2.159	0.999
6	3.731	18629	1625	0.077	2682	—	1.527	t be calcu
7	4.256	11575	629	0.048	313	—	0.839	t be calcu
8	4.463	10521	731	0.043	200	—	0.186	t be calcu
9	4.627	4691	584	0.019	—	—	—	t be calcu
10	5.606	110678	4650	0.456	1221	—	—	t be calcu
11	6.151	54706	2137	0.225	247	—	0.494	t be calcu
12	6.542	31999	1690	0.132	403	—	0.273	t be calcu
13	7.152	42242	2010	0.174	—	—	—	t be calcu
14	8.987	23703759	200820	97.674	176	0.897	—	0.999
15	10.448	86227	4508	0.355	—	—	—	0.997
16	14.887	54706	2198	0.225	7398	—	—	t be calcu
17	15.449	55354	1914	0.228	5366	—	0.731	t be calcu
18	16.609	3865	125	0.016	4261	—	1.246	t be calcu
19	18.934	1995	46	0.008	14261	1.066	2.815	t be calcu
20	21.944	39528	1107	0.163	8424	1.199	3.784	t be calcu
21	32.643	2591	105	0.011	44957	0.961	13.611	t be calcu
22	36.530	634	72	0.003	724098	0.992	9.872	t be calcu

Peak#	Ret. Time	Area	Height	Area%	Plant/M	Trail	Resolution	Purity
23	36.862	141	20	0.001	487942	1.242	1.733	to be calcu
24	38.725	1242	55	0.005	21996	1.267	2.967	to be calcu
25	39.577	396	34	0.002	602		0.227	to be calcu
26	39.932	2520	147	0.010	132285		0.103	to be calcu
27	40.589	11500	577	0.047	108818	1.344	1.409	to be calcu
28	41.273	494	81	0.002	1108324	*1.954		to be calcu
Total		24268338	227709	100.000				



Module: TG/DTA
Data Name: 1405528
Measurement Date:
Sample Name: 1405528
Sample Weight: 3.708 mg
Reference Name: None
Reference Weight: 0.000 mg

Temperature Program:
Cel Cel/min min s
1* 25 300 10 0 0.5

Comment:
Operator: Administrator
Gas1: Nitrogen 100mL/min
Gas2: Air 100mL/min
Pan: AL203
Sample Measure

