

CERTIFICATE OF ANALYSIS

Product Name	Loloatin A, Cat.#: 308183 (TFA removed)
Lot No.	MTFA32807-250512-A
Sequence	NDYV-{Orn}-LyPFf (Acetate Salt)
Dissolution condition	15%ACN+85%H2O
Length	10AA
Modification	acetate salt
Molecular Weight (MW)	1273.46
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1272.60	Conforms
Purity by HPLC	>95%	98.440%
Peptide content	N/A	N/A
Moisture content	N/A	N/A
TFA content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	100mg	5.0mg*16+2.0mg

NovoPro Bioscience Inc. (hereafter NovoPro) 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. NovoPro'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 in or which has been misused or damaged by accident or negligence. All claims must be received 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.

Certified by:



Jul/04/2025

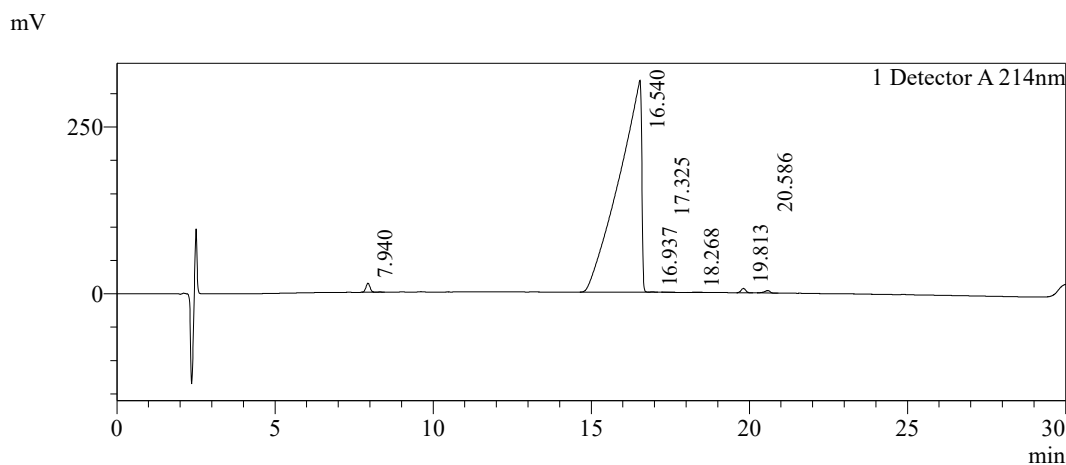
Quality Assurance Department



Sample Information

Order ID :MTFA32807
 Name :Loloatin A
 Sequence :NDYV-{Orn}-LyPFf (Acetate Salt)
 Lot. No :MTFA32807-250512-A
 Pump A :0.1%Trifluoroacetic in 100% water
 Pump B :0.1%Trifluoroacetic in 100% acetonitrile
 Total Flow :1ml/min
 Wavelength :214nm
 Analytical column type :Kromasil 100-5-C18 (4.6*250mm*5 µm)
 Dissolution method :15%ACN+85%H2O
 Inj. Volume : 15ul
 Time Module Action Value
 0.01 Pumps B.Conc 45
 30.00 Pumps B.Conc 75
 33.00 Pumps B.Conc 100
 38.00 Pumps B.Conc 100
 40.00 Pumps B.Conc 45
 50.00 Controller Stop

Chromatogram

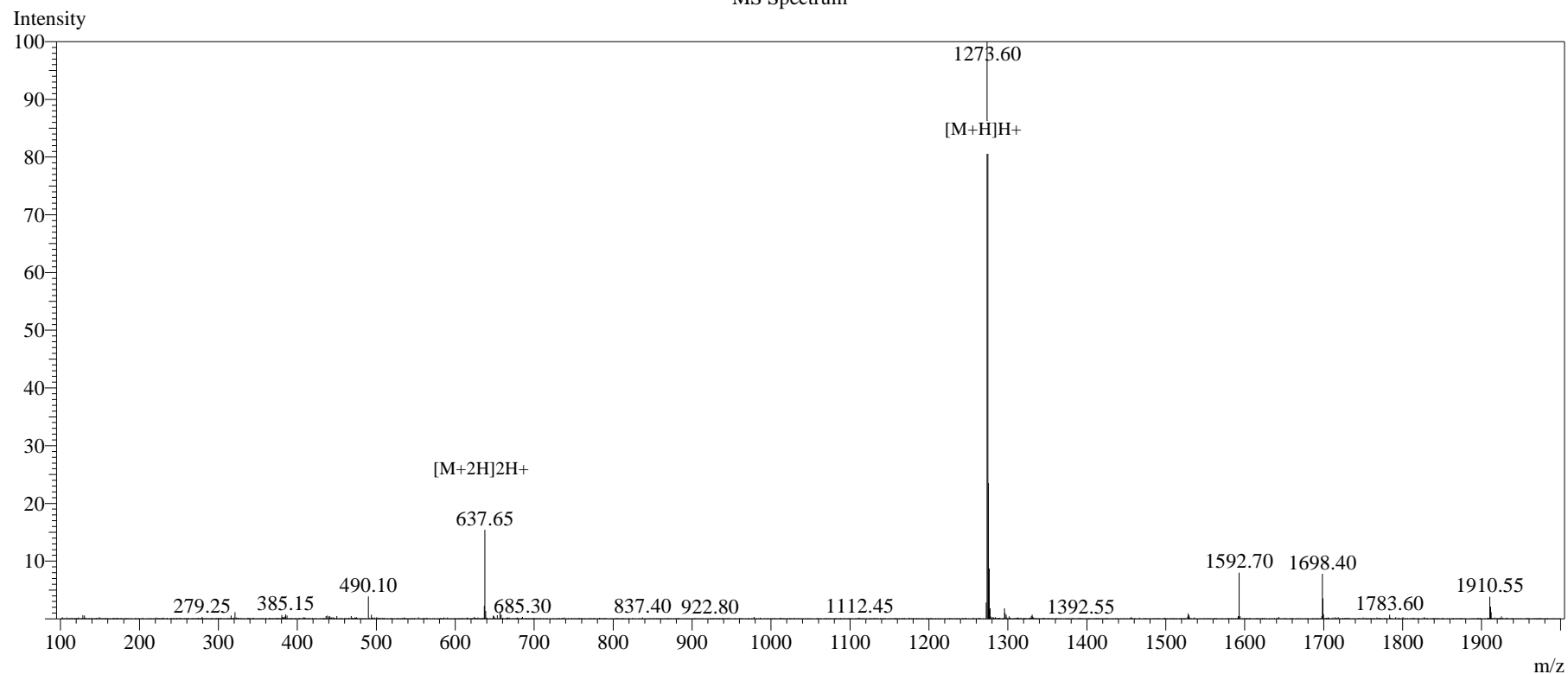


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.940	122980	13468	0.765
2	16.540	15832480	317437	98.440
3	16.937	3652	436	0.023
4	17.325	4010	234	0.025
5	18.268	9626	459	0.060
6	19.813	66585	6517	0.414
7	20.586	44006	3604	0.274
Total		16083339	342156	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/07/03 13:20:03	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% ME OH
Order ID	:MTFA32807				
Name	:Loloatin A				
Sequence	:NDYV-{Orn}-LyPFf (Acetate Salt)				
Lot.No	:MTFA32807-250512-A				
Theoretical	:1273.46				
Observed	:1272.60				