

CERTIFICATE OF ANALYSIS

Product Name	Temporin-1CEa, Cat.#: 303587
Lot No.	MTFA32928-250610
Sequence	FVDLKKIANIINSIFGK-NH2
Dissolution condition	100%H2O
Length	17AA
Modification	N/A
Molecular Weight (MW)	1919.33
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1919.10	Conforms
Purity by HPLC	>95%	96.787%
Peptide content	N/A	N/A
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	20 mg	5.0mg*4

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/01/2025

Quality Assurance Department

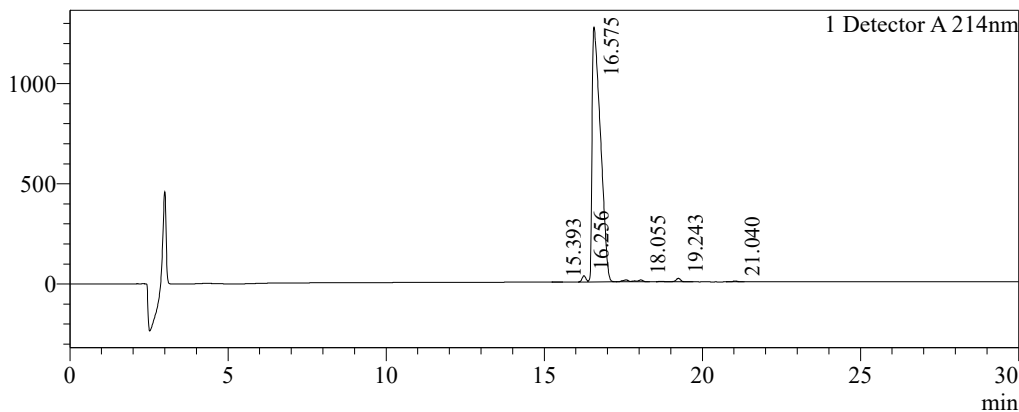


Sample Information

Order ID	:MTFA32928		
Name	:Temporin-1CEa		
Sequence	:FVDLKKIANIINSIFGK-NH2		
Lot. No	:MTFA32928-250610		
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	:100%H2O		
Inj. Volume	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	30
30.00	Pumps	B.Conc	60
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

Chromatogram

mV

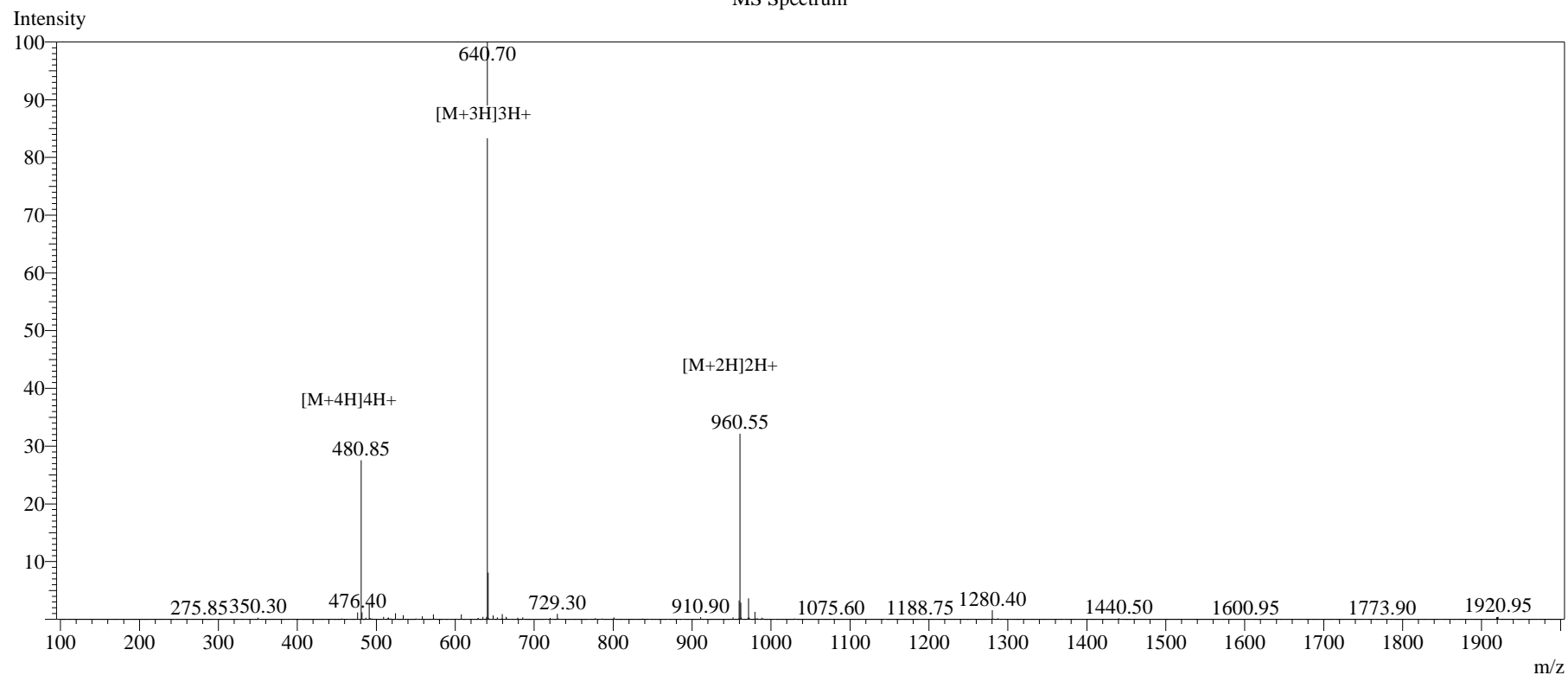


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.393	7384	813	0.030
2	16.256	263195	31080	1.086
3	16.575	23462140	1270615	96.787
4	18.055	259253	9732	1.069
5	19.243	208966	17745	0.862
6	21.040	40043	4440	0.165
Total		24240982	1334424	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/06/30 11:37:30	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	:MTFA32928				
Name	:Temporin-1CEa				
Sequence	:FVDLKKIANIINSIFGK-NH ₂				
Lot.No	:MTFA32928-250610				
Theoretical	:1919.33				
Observed	:1919.10				