

CERTIFICATE OF ANALYSIS

Product Name	Temporin-SHa peptide, Cat.#: 309626 (TFA removed)
Lot No.	MTFA31335-0507
Sequence	FLSGIVGMLGKLF-NH2 (Acetate Salt)
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Length	13AA
Modification	acetate salt
Molecular Weight (MW)	1380.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1380.70	Conforms
Purity by HPLC	>95%	97.390%
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	40mg	5.0mg*8

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:



Quality Assurance Department

May/20/2024

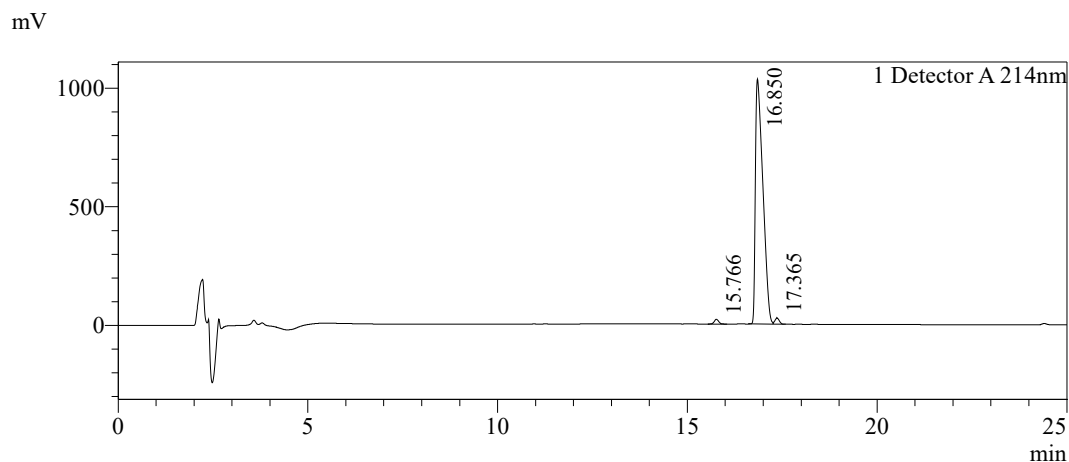


Sample Information

Order ID : MTF31335
 Name : Temporin-SHa peptide
 Sequence : FLSGIVGMLGKLF-NH2(Acetate Salt)
 Lot. No : MTF31335-0507
 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 : 2% NH₃.H₂O+18% ACN+80% H₂O
 Inj. Volume : 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	35
25.00	Pumps	B.Conc	60
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

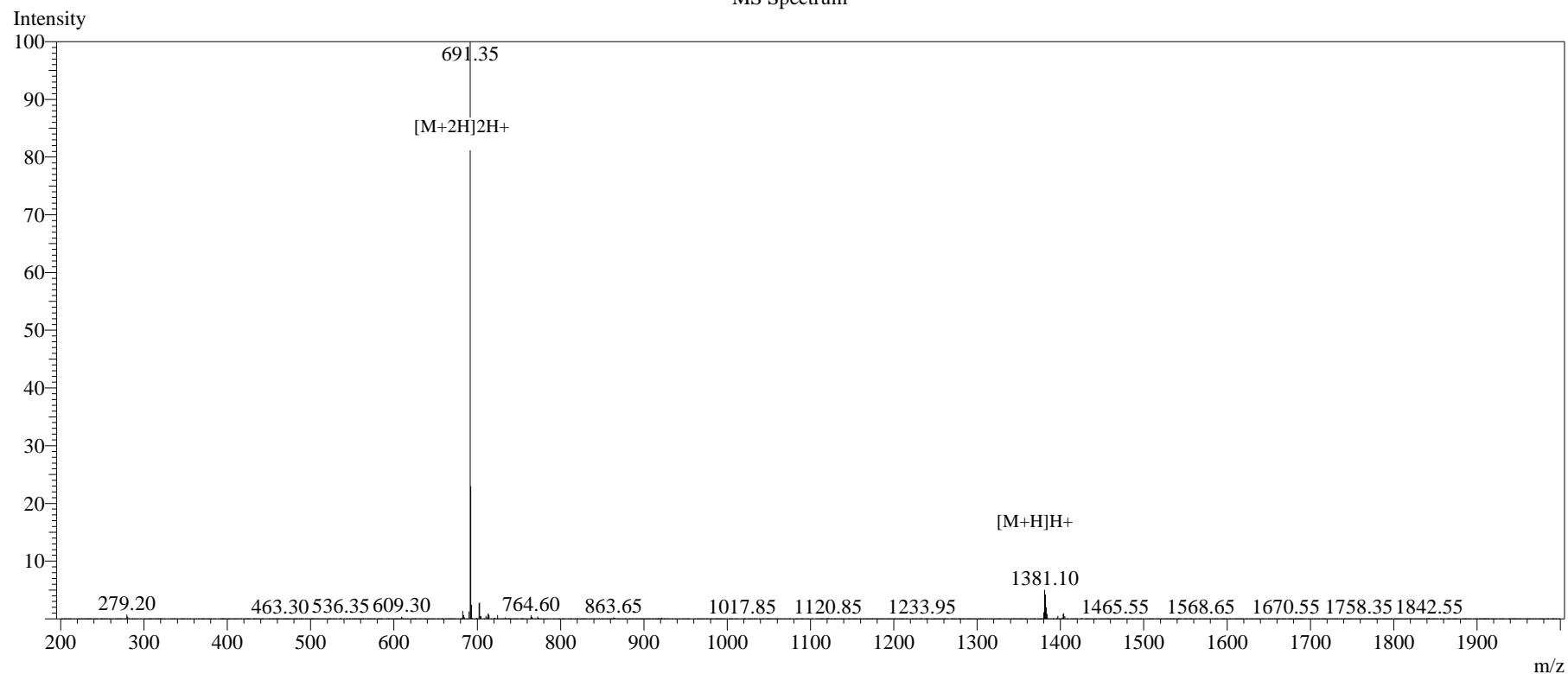


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.766	156665	19861	1.085
2	16.850	14057739	1032680	97.390
3	17.365	220001	26607	1.524
Total		14434405	1079147	100.000

MS Spectrum



Sample Information

Dissolution method	:2%NH ₃ .H ₂ O+18%ACN+80%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/05/17 10:42:24	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% MEOH

Order ID	:MTFA31335
Name	:Temporin-SHa peptide
Sequence	:FLSGIVGMLGKLF-NH ₂ (Acetate Salt)
Lot.No	:MTFA31335-0507
Theoretical	:1380.73
Observed	:1380.70