

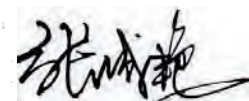
CERTIFICATE OF ANALYSIS

Product Name	Temporin-SHa peptide, Cat.#: 309626 (TFA removed)
Lot No.	MTFA31057-0229
Sequence	FLSGIVGMLGKLF-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	13AA
Modification	acetate salt
Molecular Weight (MW)	1380.73
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1380.90	Conforms
Purity by HPLC	>95%	98.606%
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	10mg	5.0mg*2

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

Mar/04/2024

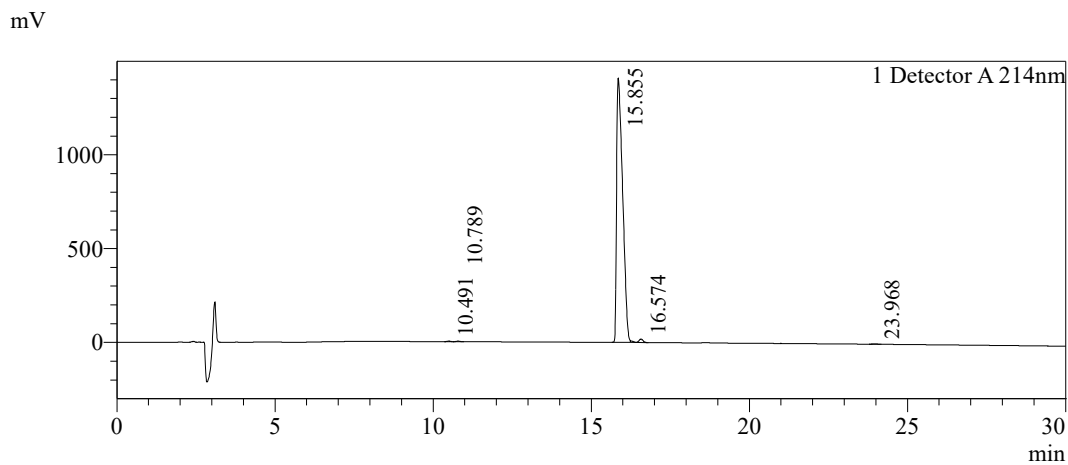


Sample Information

Order ID :MTFA31057
 Name :Temporin-SHa peptide
 Sequence :FLSGIVGMLGKLF-NH2 (Acetate Salt)
 Lot. No :MTFA31057-0229
 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 :30%ACN+70%H2O
 Inj. Volume : 30ul

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

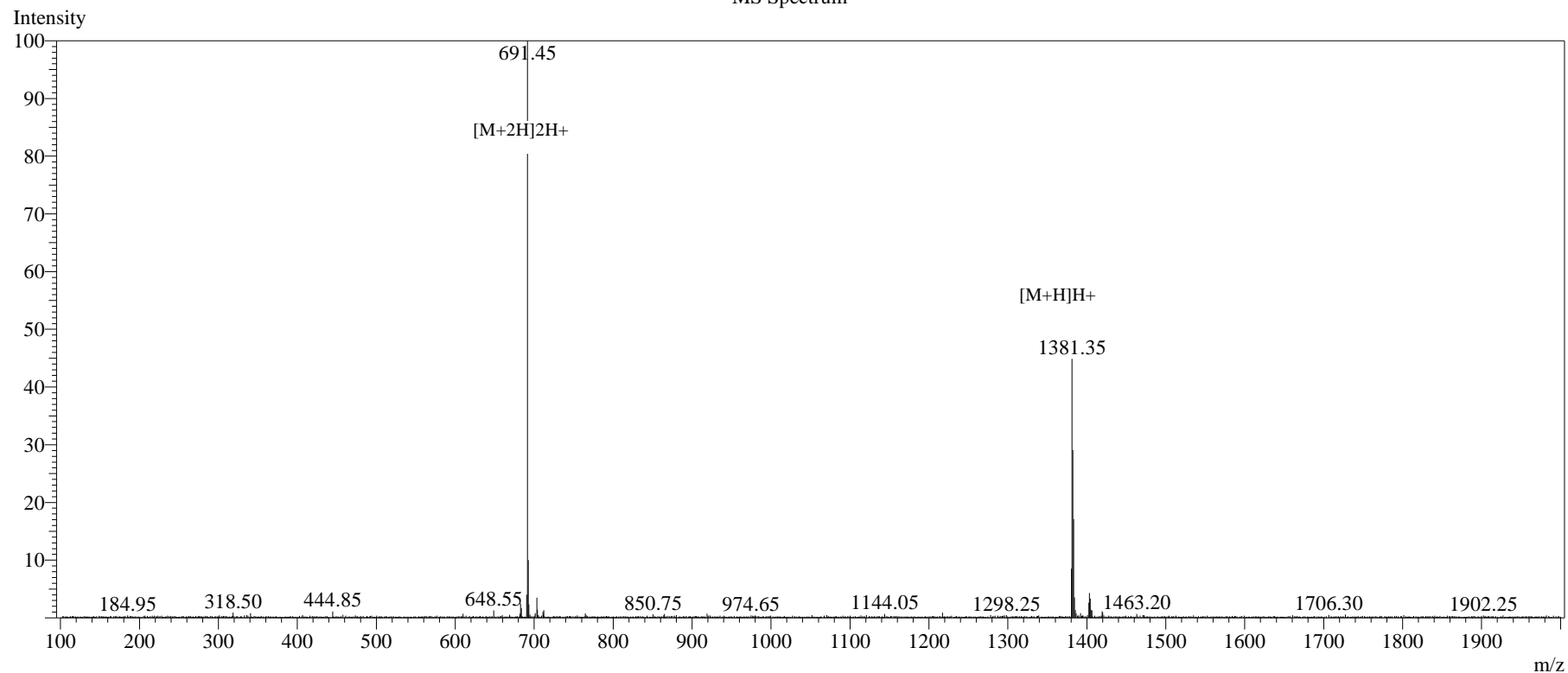


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.491	19189	2771	0.101
2	10.789	20879	2942	0.110
3	15.855	18740883	1407463	98.606
4	16.574	203332	18411	1.070
5	23.968	21604	2379	0.114
Total		19005887	1433967	100.000

MS Spectrum



Sample Information

Dissolution method	:30% ACN+70% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/03/01 11:18:36	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	:MTFA31057
Name	:Temporin-SHa peptide
Sequence	:FLSGIVGMLGKLF-NH ₂ (Acetate Salt)
Lot.No	:MTFA31057-0229
Theoretical	:1380.73
Observed	:1380.90