
CERTIFICATE OF ANALYSIS

Product Name	Bactofencin A, Cat.#: 318821
Lot No.	MTFA32319-0109
Sequence	KRKKHRCRVYNNGMPTGMYRWC
Dissolution condition	100%H ₂ O
Length	22AA
Modification	N/A
Molecular Weight (MW)	2785.32
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2785.50	Conforms
Purity by HPLC	>95%	95.111%
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	20mg	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:



Quality Assurance Department

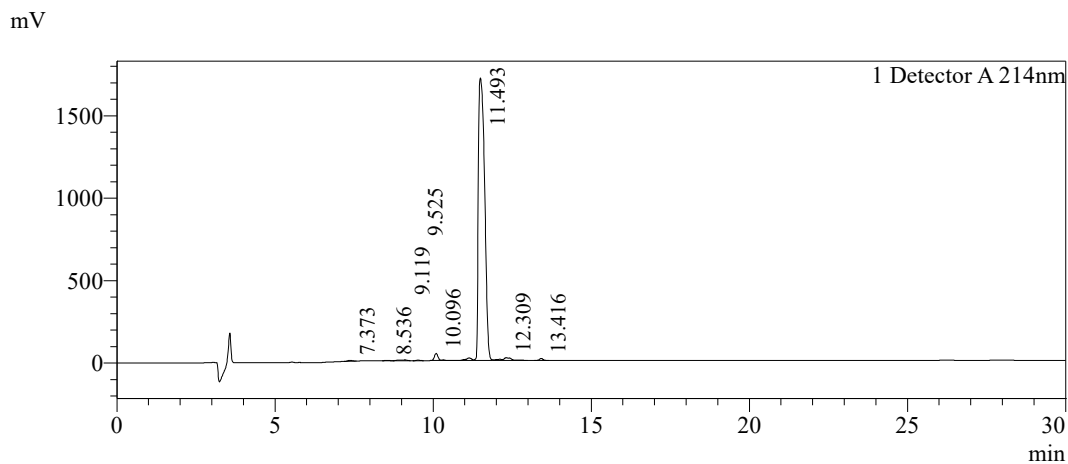
Jan/22/2025



Sample Information

Order ID	:MTFA32319		
Name	:Bactofencin A		
Sequence	:KRRKKHRCRVYNNGMPTGMYRWC		
Lot. No	:MTFA32319-0109		
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	: 10ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

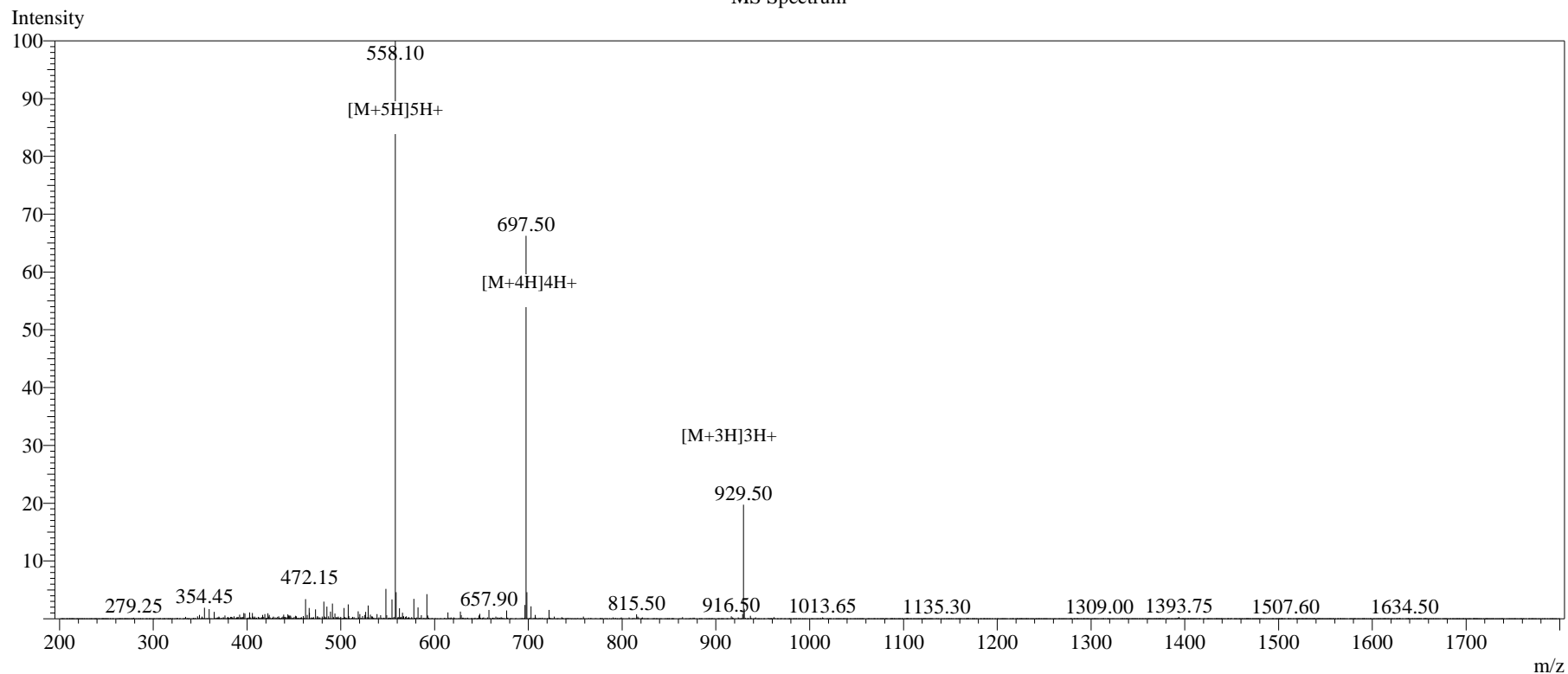


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.373	50686	5456	0.204
2	8.536	16253	2101	0.065
3	9.119	71478	4063	0.288
4	9.525	19582	2739	0.079
5	10.096	608913	43504	2.450
6	11.493	23638266	1711981	95.111
7	12.309	357887	16796	1.440
8	13.416	90261	12172	0.363
Total		24853327	1798812	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/01/20 15:28:26	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	:MTFA32319				
Name	:Bactofencin?A				
Sequence	:KRKKHRCRVYNNGMPTGMYRWC				
Lot.No	:MTFA32319-0109				
Theoretical	:2785.32				
Observed	:2785.50				