

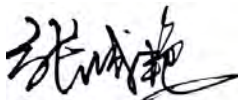
CERTIFICATE OF ANALYSIS

Product Name	Bactenecin Cat.#: 312382
Lot No.	GTA33275-0201
Sequence	RLC*RIVVIRVC*R
Dissolution condition	100%H2O
Length	12AA
Modification	Disulfide bond
Molecular Weight (MW)	1483.92
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1483.80	Conforms
Purity by HPLC	>95%	95.064%
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/04/2021

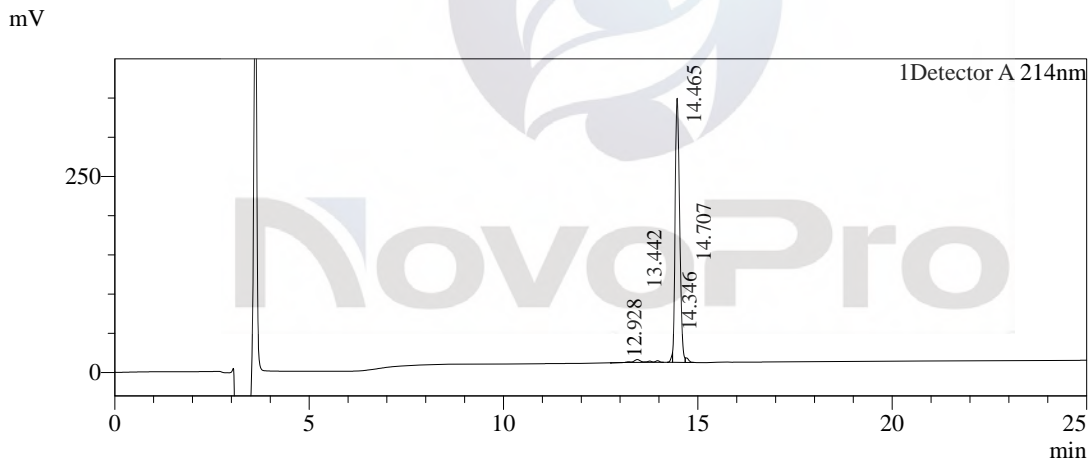


Sample Information

Order ID :GTA33275
 Name :N/A
 Sequence :RLC*RIVVIRVC*R
 Lot. No :GTA33275-0201
 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 :SHIMADZU Inertsil ODS-SP(4.6*250mm*5um)
 Dissolution method :100% H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	20
25.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram



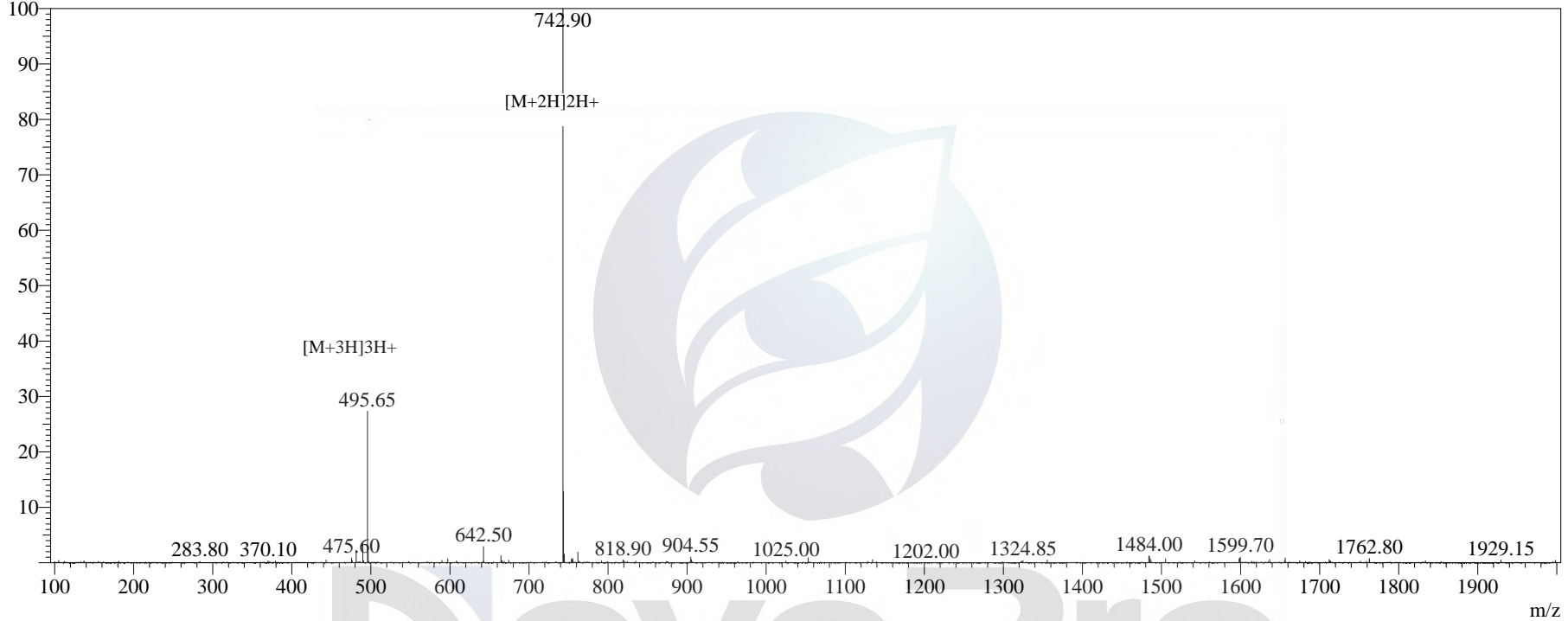
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.928	2808	299	0.100
2	13.442	71767	3658	2.549
3	14.346	32223	10554	1.145
4	14.465	2676248	336986	95.064
5	14.707	32147	5753	1.142
Total		2815193	357250	100.000

MS Spectrum

Positive Intensity



Sample Information

Dissolution method :5% HAC+8% ACN+87% H2O
Date Acquired :2021/03/02 10:59:48
Injection Volume :0.2ul
Block Temp :200

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250C
CDL Volt :0v

Prerod Bias :+4.5kv
Detector :-.02kv
T.Flow :0.2ml/min
B.conc :50% H2O/50% MEOH

Order ID :GTA33275
Name :N/A
Sequence :RLC*RIVVIRVC*R
Lot.No :GTA33275-0201
Theoretical :1483.92
Observed :1483.80