

CERTIFICATE OF ANALYSIS

Product Name	Bactenecin-5 (1-25) peptide, Cat.#: 318855
Lot No.	MTFB21059-01-260729
Sequence	RFRPPIRRPPIRPPFYPPFRPPIRP
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	3123.75
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3124.50	Conforms
Purity by HPLC	>95%	95.119%
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	20.0mg	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/31/2026

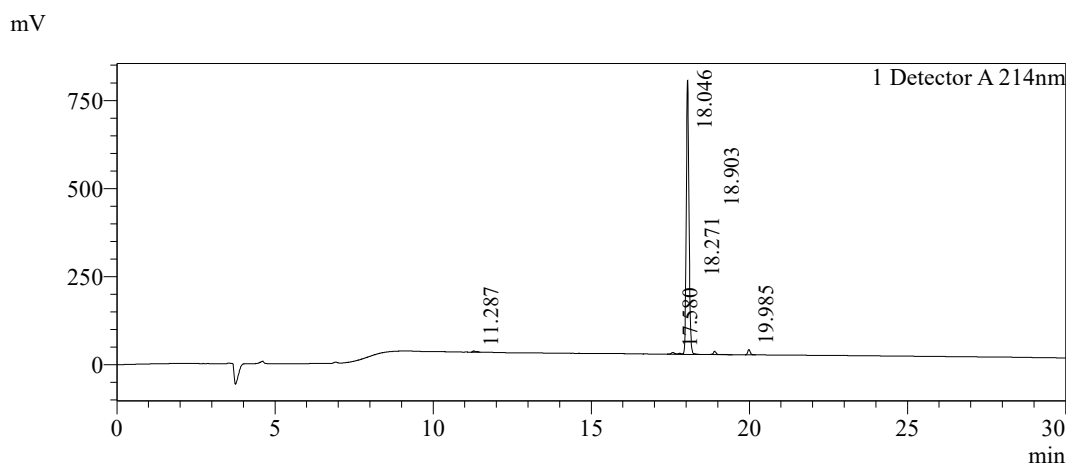
Quality Assurance Department



Sample Information

Order ID	:MTFB21059-01		
Name	:Bactenecin-5 (1-25) peptide, Cat.#: 318855		
Sequence	:RFRPPIRRPPIRPPFYPPFRPPIRP		
Lot. No	:MTFB21059-01-260729		
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	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

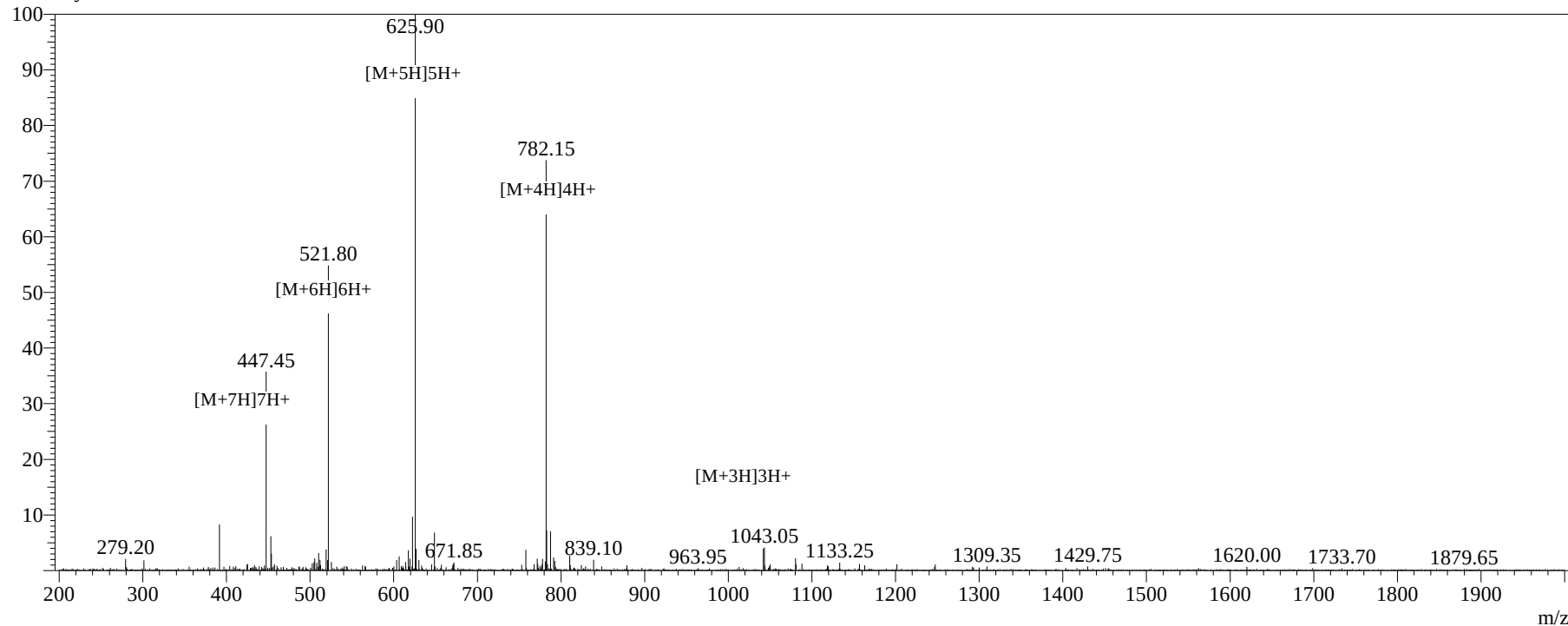
Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.287	22984	3195	0.470
2	17.580	61557	5123	1.258
3	18.046	4653584	776248	95.119
4	18.271	7712	1608	0.158
5	18.903	61627	9392	1.260
6	19.985	84920	15058	1.736
Total		4892385	810624	100.000

MS Spectrum

正

Intensity



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/07/30 15:41:10	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

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Theoretical	:3123.75
Observed	:3124.50