
CERTIFICATE OF ANALYSIS

Product Name	Magainin II peptide, Cat.#: 318722
Lot No.	MTFB20626-260313
Sequence	GIGKFLHSAKKFGKAFVGEIMNS
Dissolution condition	100%H2O
Modification	N/A
Molecular Weight (MW)	2466.92
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2467.60	Conforms
Purity by HPLC	>95%	95.843%
Endotoxin Content	N/A	N/A
TFA solubility	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	10 mg	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:



Mar/17/2026

Quality Assurance Department

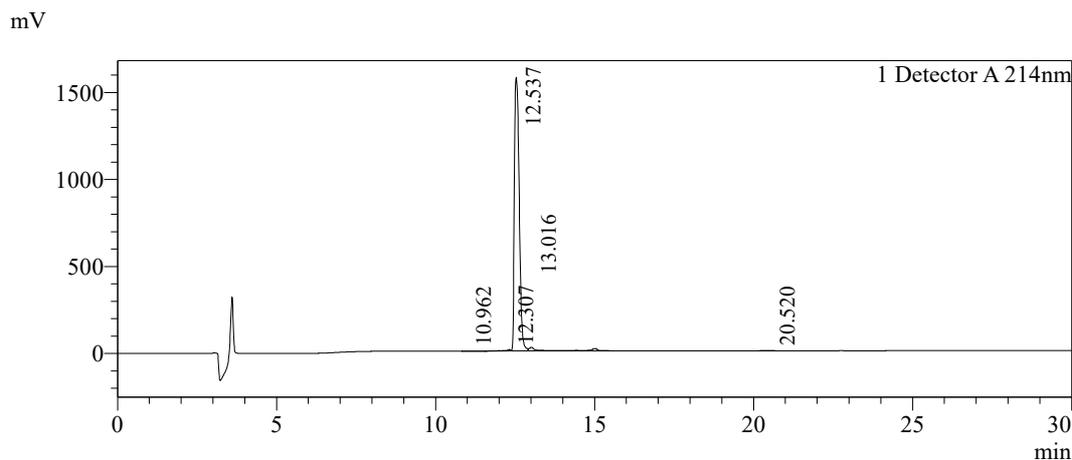


Sample Information

Order ID :MTFB20626
 Name :Magainin II
 Sequence :GIGKFLHSAKKFGKAFVGEIMNS
 Lot. No :MTFB20626-260313
 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 : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

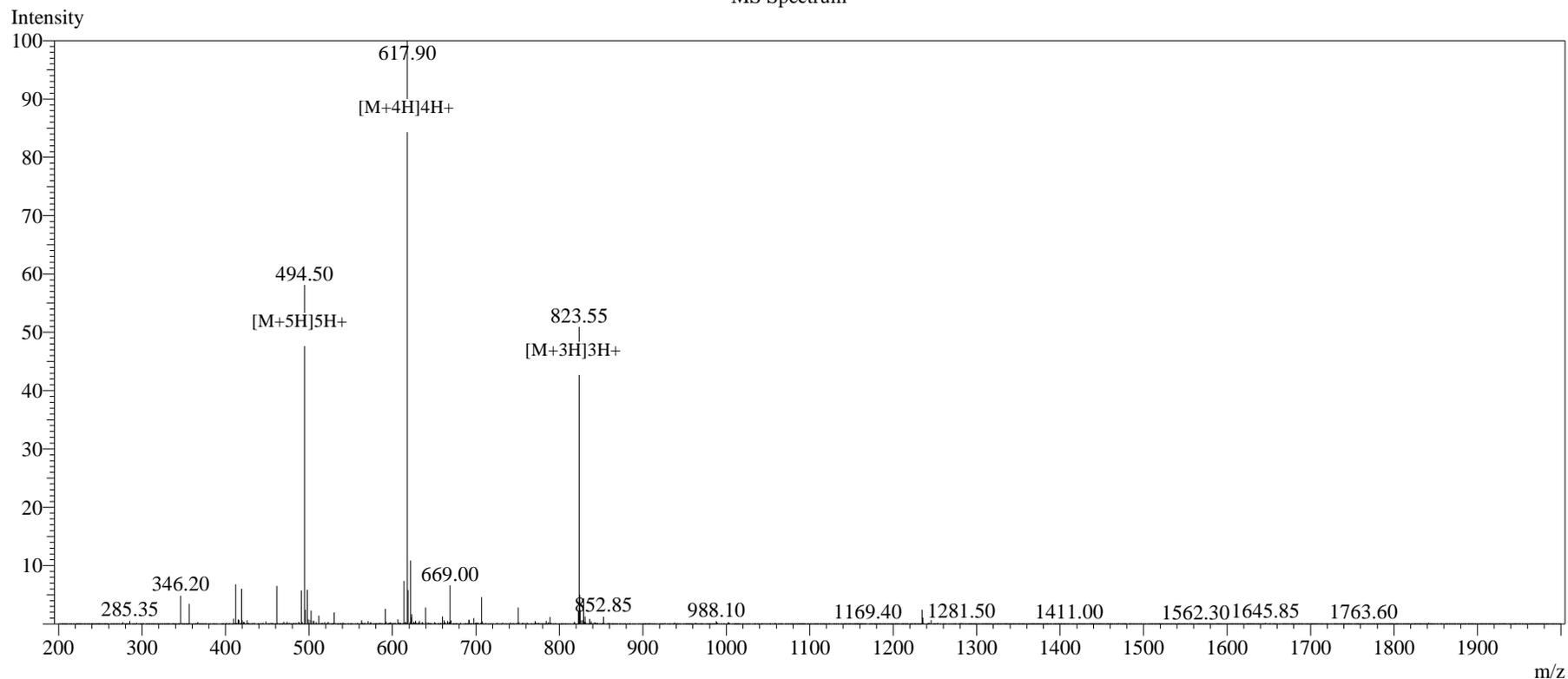
Chromatogram



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	10.962	4903	290	0.028
2	12.307	97723	7383	0.559
3	12.537	16748163	1571571	95.843
4	13.016	606428	21520	3.470
5	20.520	17410	1269	0.100
Total		17474627	1602033	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/03/16 13:45:15	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	:MTFB20626
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Lot.No	:MTFB20626-260313
Theoretical	:2466.92
Observed	:2467.60