


## CERTIFICATE OF ANALYSIS

Product Name	MANS peptide, Cat.#: 319489 (TFA removed)
Lot No.	MTFA32519-0305
Sequence	Myr-GAQFSKTAAKGEEAAERPGEAAVA (Acetate Salt)
Dissolution condition	15%ACN+85%H2O
Length	24AA
Modification	Acetate Salt
Molecular Weight (MW)	2498.81
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2499.45	Conforms
Purity by HPLC	>95%	95.518%
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/07/2025



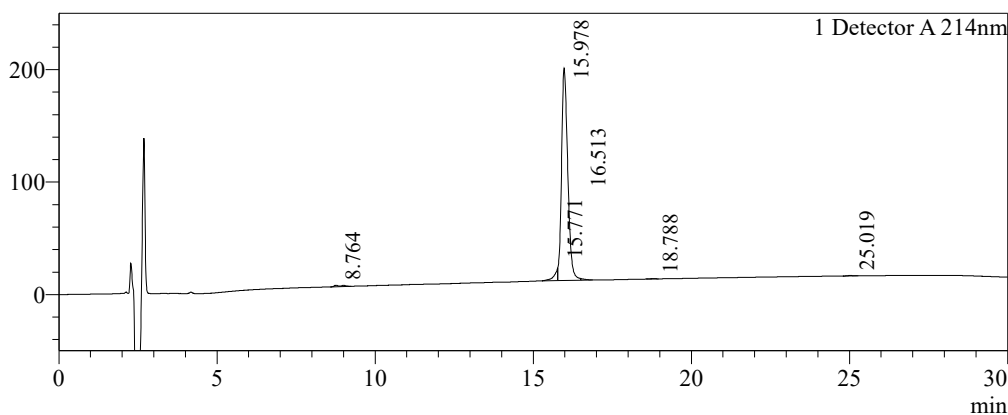
### Sample Information

Order ID :MTFA32519  
 Name :MANS peptide  
 Sequence :Myr-GAQFSKTAAKGEEAAERPGEAAVA (Acetate Salt)  
 Lot. No :MTFA32519-0305  
 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 :15%ACN+85%H2O  
 Inj. Volume : 25ul  

Time	Module	Action	Value
0.01	Pumps	B.Conc	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

### Chromatogram

mV

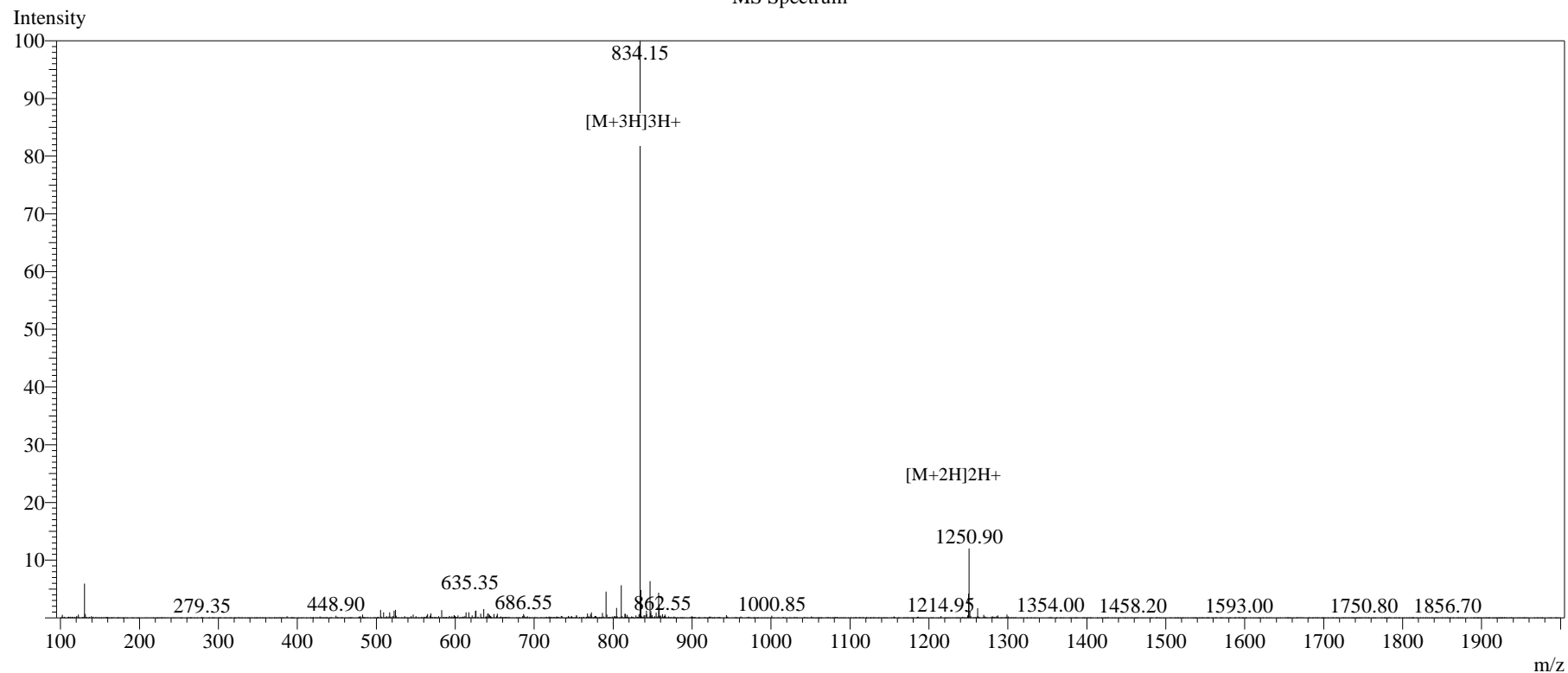


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.764	21963	1319	0.814
2	15.771	81140	10351	3.006
3	15.978	2578237	188790	95.518
4	16.513	11825	1374	0.438
5	18.788	2039	157	0.076
6	25.019	4025	368	0.149
Total		2699229	202358	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/03/06 11:41:47	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 <sub>2</sub> O/50% ME OH

Order ID	:MTFA32519
Name	:MANS peptide
Sequence	:Myr-GAQFSKTAAKGEAAAERPGEAAVA (Acetate Salt)
Lot.No	:MTFA32519-0305
Theoretical	:2498.81
Observed	:2499.45