

## CERTIFICATE OF ANALYSIS

Product Name	(Gly14)-Humanin, sHNG, [Gly14]-HN, Cat.#: 312862 (TFA removed)
Lot No.	MTFA32581-0324
Sequence	MAPRGFSCLLLLTGEIDLPAVKRRA (Acetate Salt)
Dissolution condition	40%ACN+60%H <sub>2</sub> O
Length	24AA
Modification	acetate salt
Molecular Weight (MW)	2657.18
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2657.60	Conforms
Purity by HPLC	>95%	95.014%
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:



Mar/26/2025

Quality Assurance Department



### Sample Information

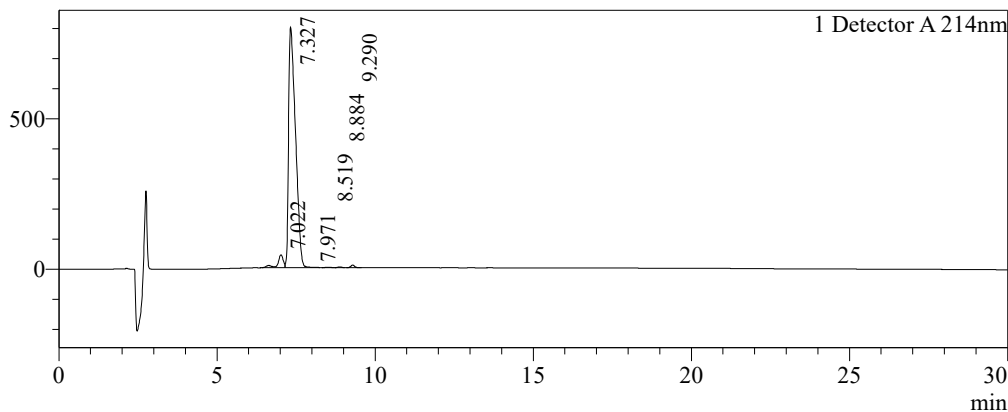
Order ID	:MTFA32581
Name	:(Gly14)-Humanin
Sequence	:MAPRGFSCLLLLTGEIDLPAVKRRA (Acetate Salt)
Lot. No	:MTFA32581-0324
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytical column type	:Kromasil 100-5-C18 (4.6*250mm*5 µm)
Dissolution method	:40%ACN+60%H <sub>2</sub> O
Inj. Volume	: 35ul

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

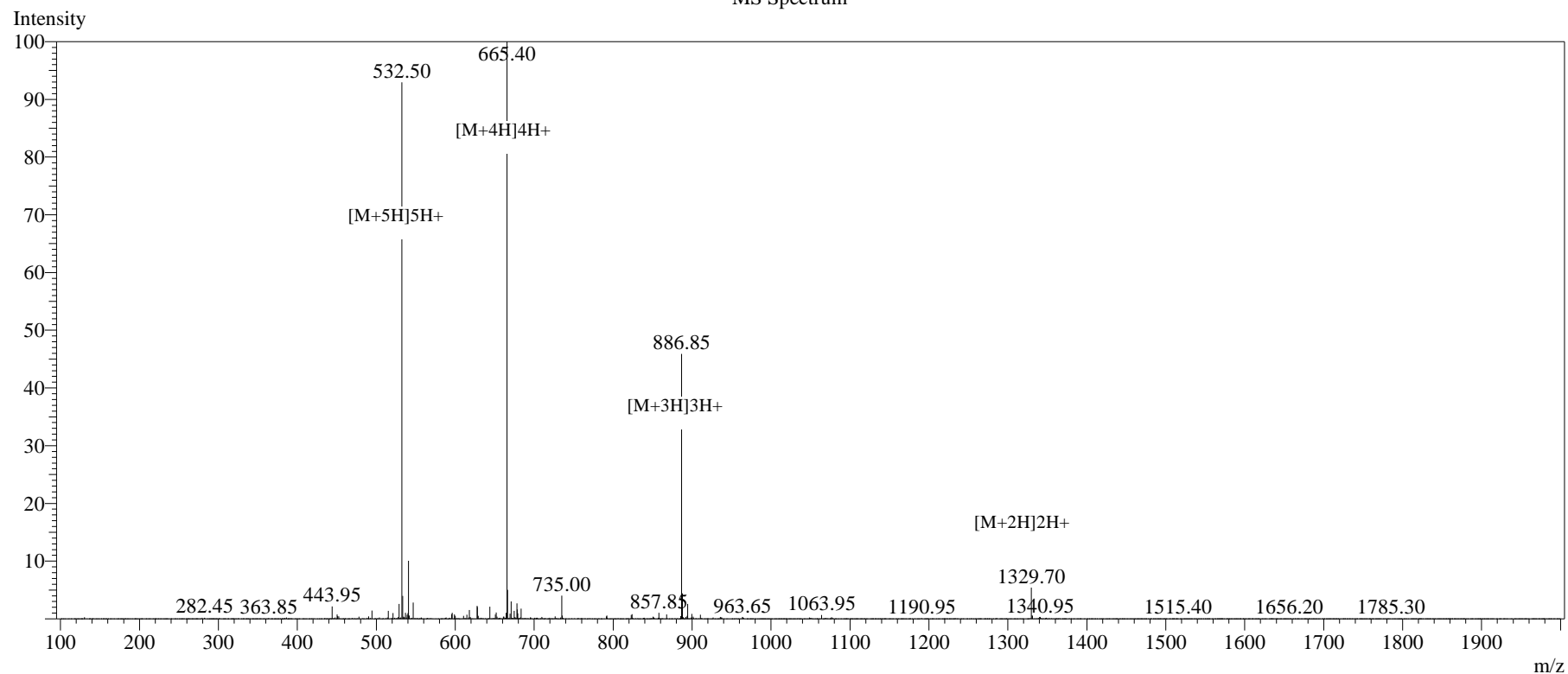


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.022	528978	42926	4.142
2	7.327	12133743	798605	95.014
3	7.971	8749	1050	0.069
4	8.519	6664	512	0.052
5	8.884	19170	2339	0.150
6	9.290	73109	9095	0.572
Total		12770413	854527	100.000

# MS Spectrum



## Sample Information

Dissolution method	:40% ACN+60% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/03/25 11:04:37	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	:MTFA32581				
Name	:(Gly14)-Humanin				
Sequence	:MAPRGFSCLLLLTGEIDL PVKRRA(Acetate Salt)				
Lot.No	:MTFA32581-0324				
Theoretical	:2657.18				
Observed	:2657.60				