

CERTIFICATE OF ANALYSIS

Product Name	mUNO peptide, Cat.#: 319526 (TFA removed)
Lot No.	MTFA32901-250604
Sequence	CSPGAK (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	6AA
Modification	acetate salt
Molecular Weight (MW)	561.65
Storage	-20°C

Test Items	Specifications	Results
MW by MS	560.70	Conforms
Purity by HPLC	>95%	95.092%
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	40mg	5.0mg*8

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:



Jun/24/2025

Quality Assurance Department

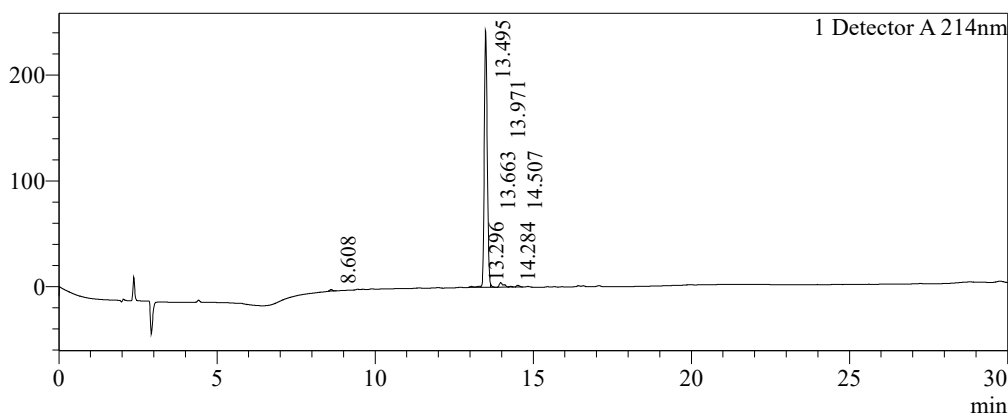


Sample Information

Order ID	:MTFA32901		
Name	:mUNO peptide		
Sequence	:CSPGAK (Acetate Salt)		
Lot. No	:MTFA32901-250604		
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%H ₂ O		
Inj. Volume	: 10ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	0.1
30.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

mV

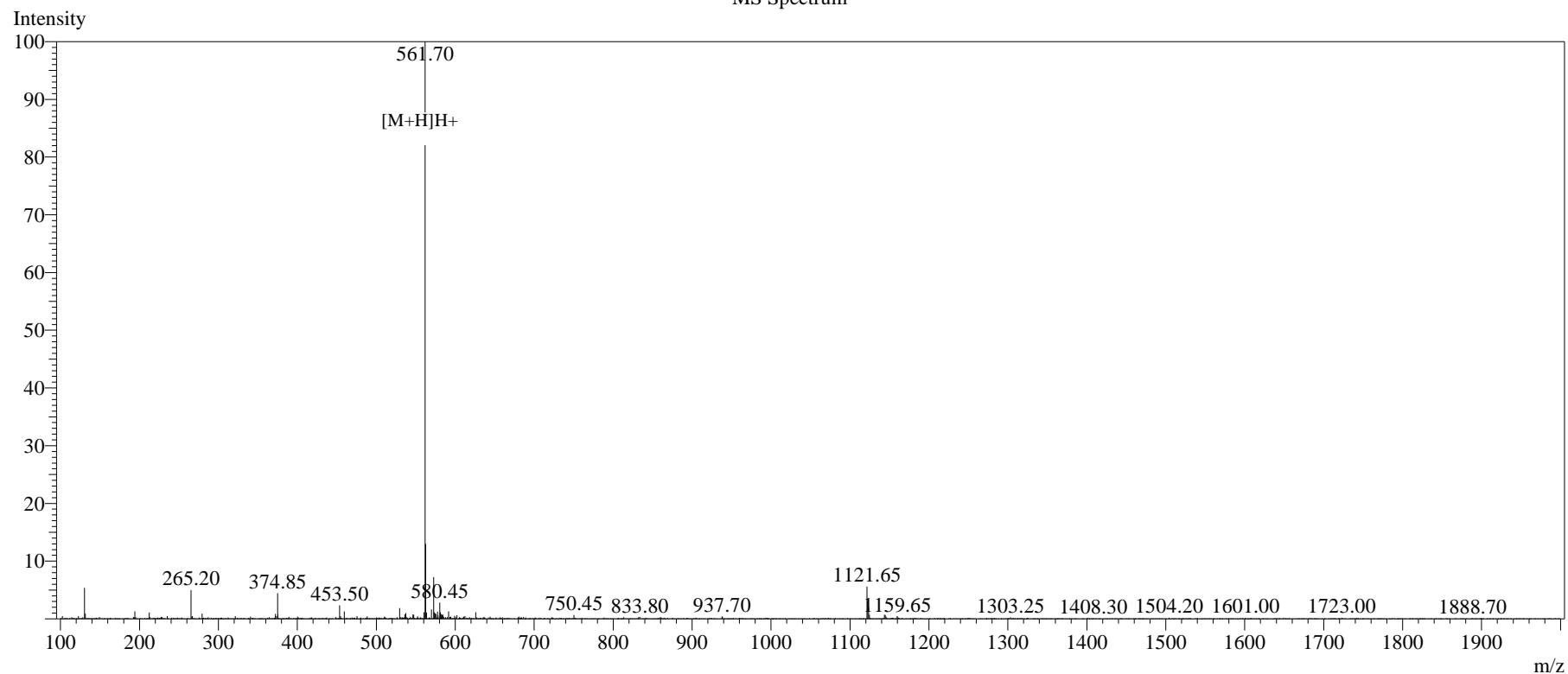


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.608	8677	1533	0.519
2	13.296	14344	1054	0.858
3	13.495	1590565	242912	95.092
4	13.663	6180	2529	0.369
5	13.971	38841	4360	2.322
6	14.284	3199	641	0.191
7	14.507	10849	1549	0.649
Total		1672654	254578	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/06/19 14:18:05	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% ME OH
Order ID	:MTFA32901				
Name	:mUNO peptide				
Sequence	:CSPGAK (Acetate Salt)				
Lot.No	:MTFA32901-250604				
Theoretical	:561.65				
Observed	:560.70				