NovoPro

For Enjoyable Discovery

CERTIFICATE OF ANALYSIS

Product Name	CMV pp65 peptide, Cat.#: 319251 (TFA removed)
Lot No.	P261022-CL055867
Sequence	H-QYDPVAALF-OH (Acetate salt)
Dissolution condition	100%DMSO
Modification	N/A
Molecular Weight (MW)	1023.16
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1023.00	Conforms
Purity by HPLC	>95%	95.889%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	20mg	5mg*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:

Quality Assurance Department

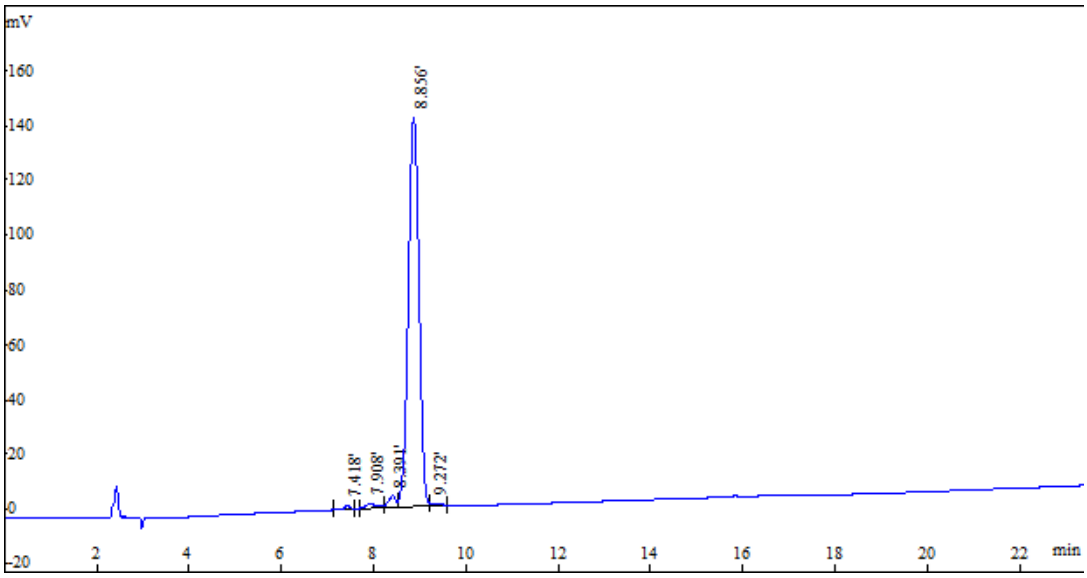
Nov/13/2026

NovoPro Biosciences Inc. VERIFIED Quality Control

Sample Information

Name	:	CMV pp65 peptide, Cat.#: 319251 (TFA removed)
Sequence	:	H-QYDPVAALF-OH (Acetate salt)
Lot. No	:	P261022-CL055867
Solvent A	:	0.1%Trifluoroacetic in 100% Acetonitrile
Solvent B	:	0.1%Trifluoroacetic in 100% Water
Total Flow	:	1ml/min
Wavelength	:	220nm
Analytial column type	:	Kromasil 100-5-C18 (4.6*250mm*5 μm)
Dissolution method	:	100%H2O
Gradient	:	A B
0.01min	:	32% 68%
25min	:	57% 43%
25.01min	:	100% 0%
30.0min	:	STOP

Chromatogram

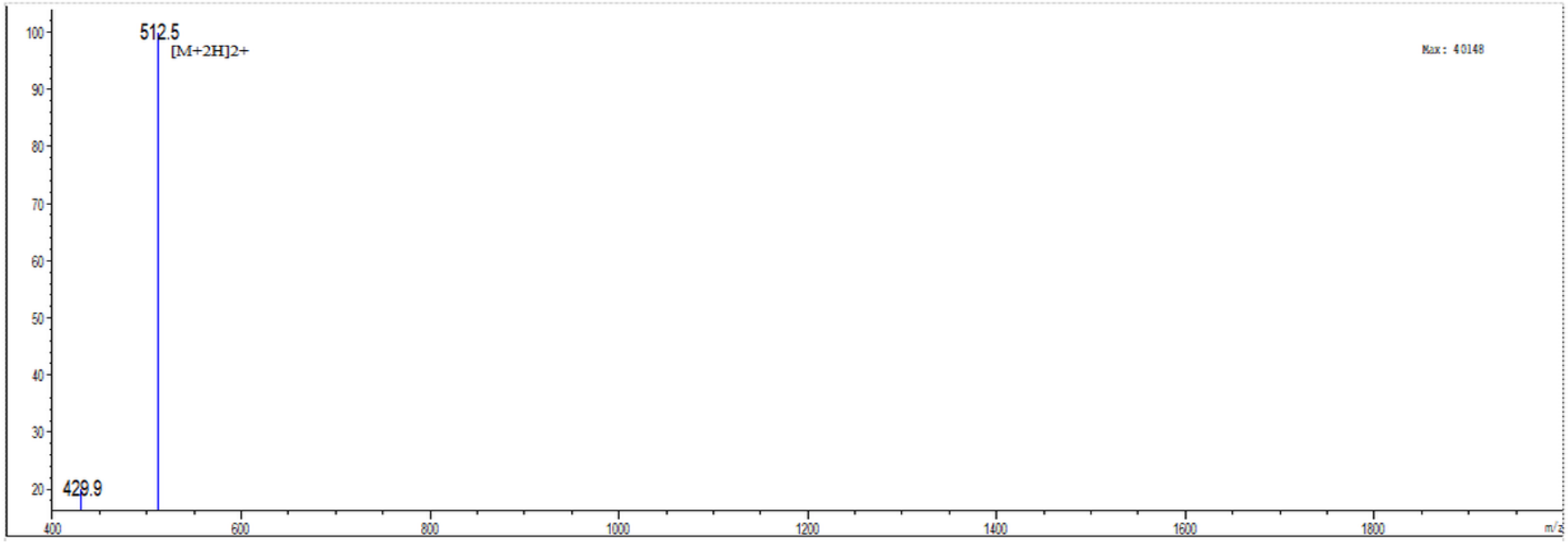


Peak Table

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area%
1	7.418	9398	1047	0.414
2	7.908	26410	1601	1.164
3	8.391	40977	3988	1.806
4	8.856	2175152	141587	95.889
5	9.272	16481	1048	0.727
Total	-	2268418	149271	100

MS Spectrum



Sample Information

Date Acquired	:	2026/11/10	Interface	:	ESI	Prerod Bias	: +4.5kv
Block Temp	:	200°C	Nebulizing Gas Flow	:	1.5L/min	Detector	: 1.5kv
Injection Volume	:	1ul	CDL Temp	:	250°C	T.Flow	: 0.2ml/min
			CDL Volt	:	-20.0v	B.conc	: 50%H2O/50%ACN

Name	:	CMV pp65 peptide, Cat.#: 319251 (TFA removed)
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Lot.No	:	P261022-CL055867
Theoretical	:	1023.16
Observed	:	1023.00