

CERTIFICATE OF ANALYSIS

Product Name	Pep HV2, Cat.#: 318801 (TFA removed)
Lot No.	MTFA32628-0403
Sequence	RRVHVHvPGVHVHVRR-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Length	16AA
Modification	acetate salt; v=D-Val
Molecular Weight (MW)	1939.31
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1939.80	Conforms
Purity by HPLC	>95%	98.411%
TFA 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	50mg	5.0mg*10

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:



Apr/08/2025

Quality Assurance Department



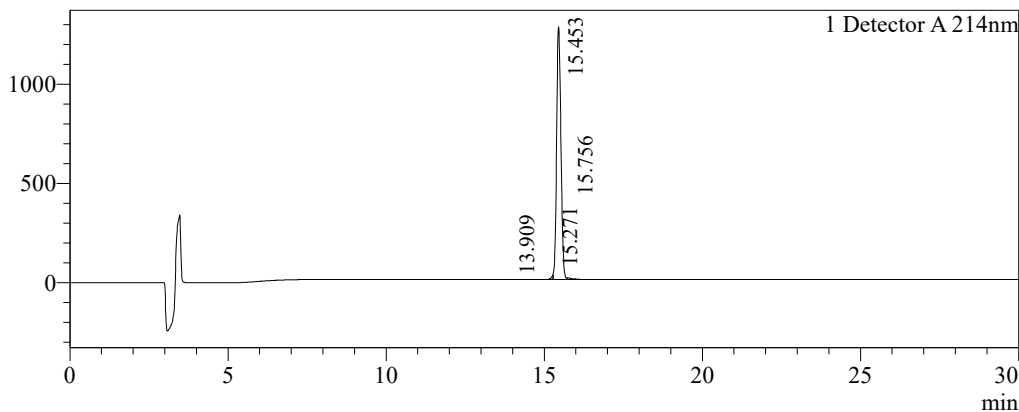
Sample Information

Order ID	:MTFA32628
Name	:Pep HV2
Sequence	:RRVHVHvPGVHVHVRR-NH2 (Acetate Salt)
Lot. No	:MTFA32628-0403
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	: 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

mV

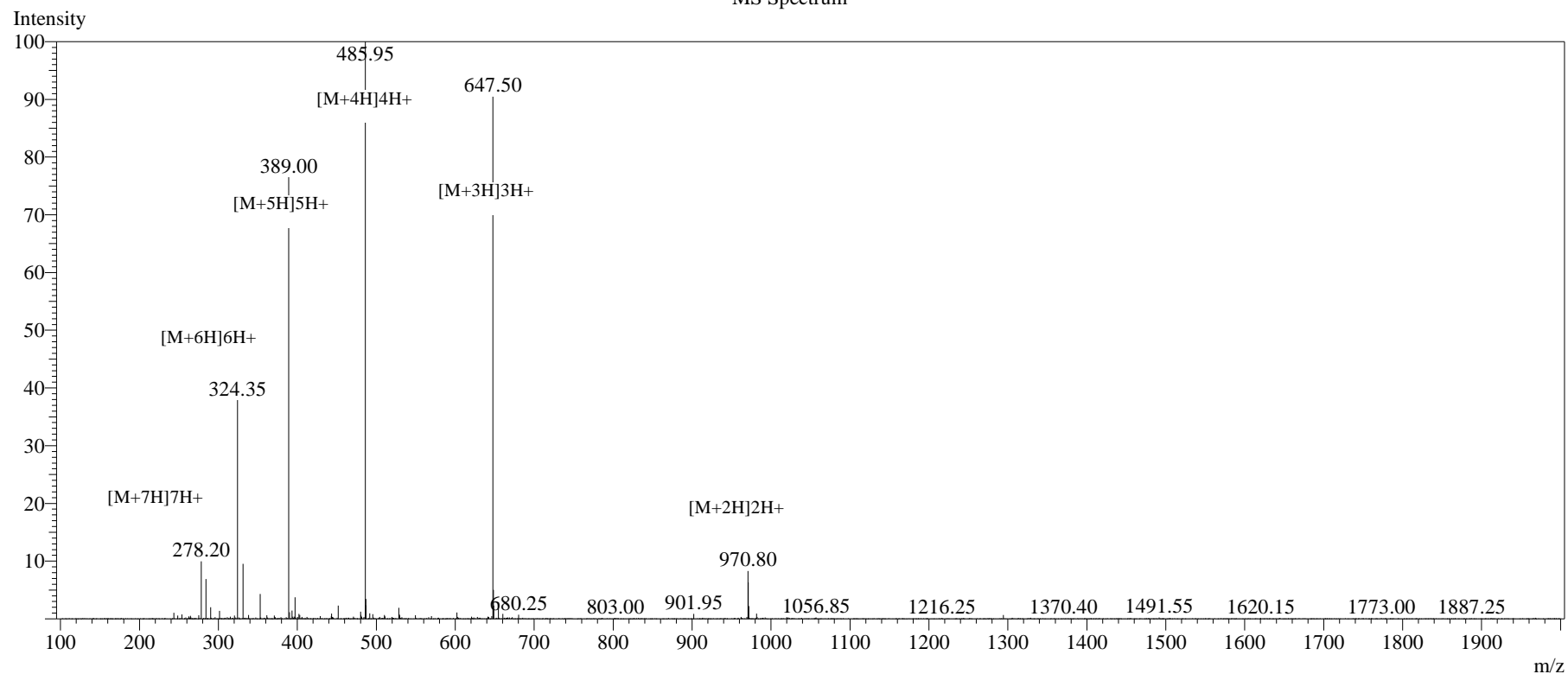


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.909	2451	426	0.020
2	15.271	89288	21466	0.728
3	15.453	12068448	1271982	98.411
4	15.756	103111	7799	0.841
Total		12263299	1301672	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/04/07 13:38:01	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	:MTFA32628				
Name	:Pep HV2				
Sequence	:RRVHVHVPGVHVHVRR-NH ₂ (Acetate Salt)				
Lot.No	:MTFA32628-0403				
Theoretical	:1939.31				
Observed	:1939.80				