

CERTIFICATE OF ANALYSIS

Product Name	Eα (52-68) peptide, Cat.#: 315458
Lot No.	MTFA33352-250922
Sequence	ASFEAQGALANIAVDKA
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	1675.82
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1675.40	Conforms
Purity by HPLC	>95%	95.368%
Peptide Content	N/A	N/A
TFA solubility	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	10 mg	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:



Sep/25/2025

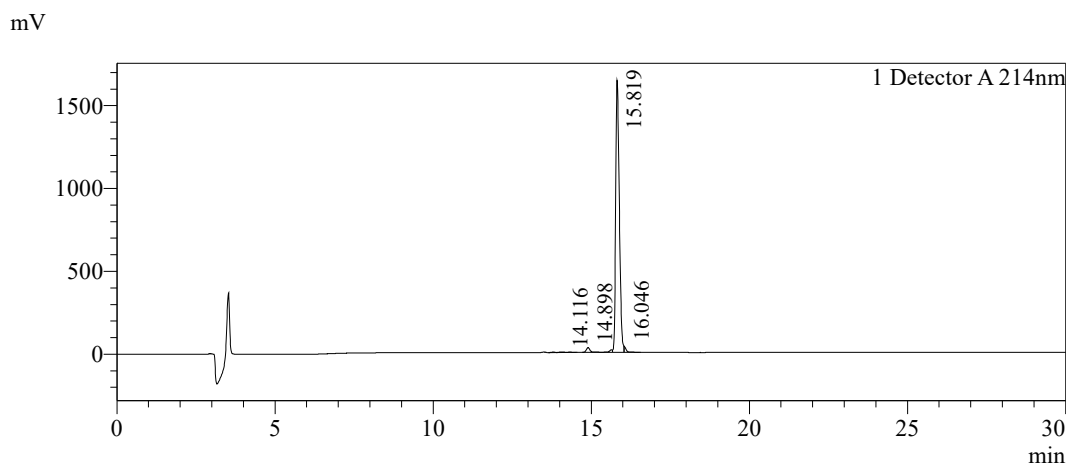
Quality Assurance Department



Sample Information

Order ID	:MTFA33352		
Name	:Eα (52-68) peptide, Cat.#: 315458		
Sequence	:ASF EAQGALANIAVDKA		
Lot. No	:MTFA33352-250922		
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	: 15ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

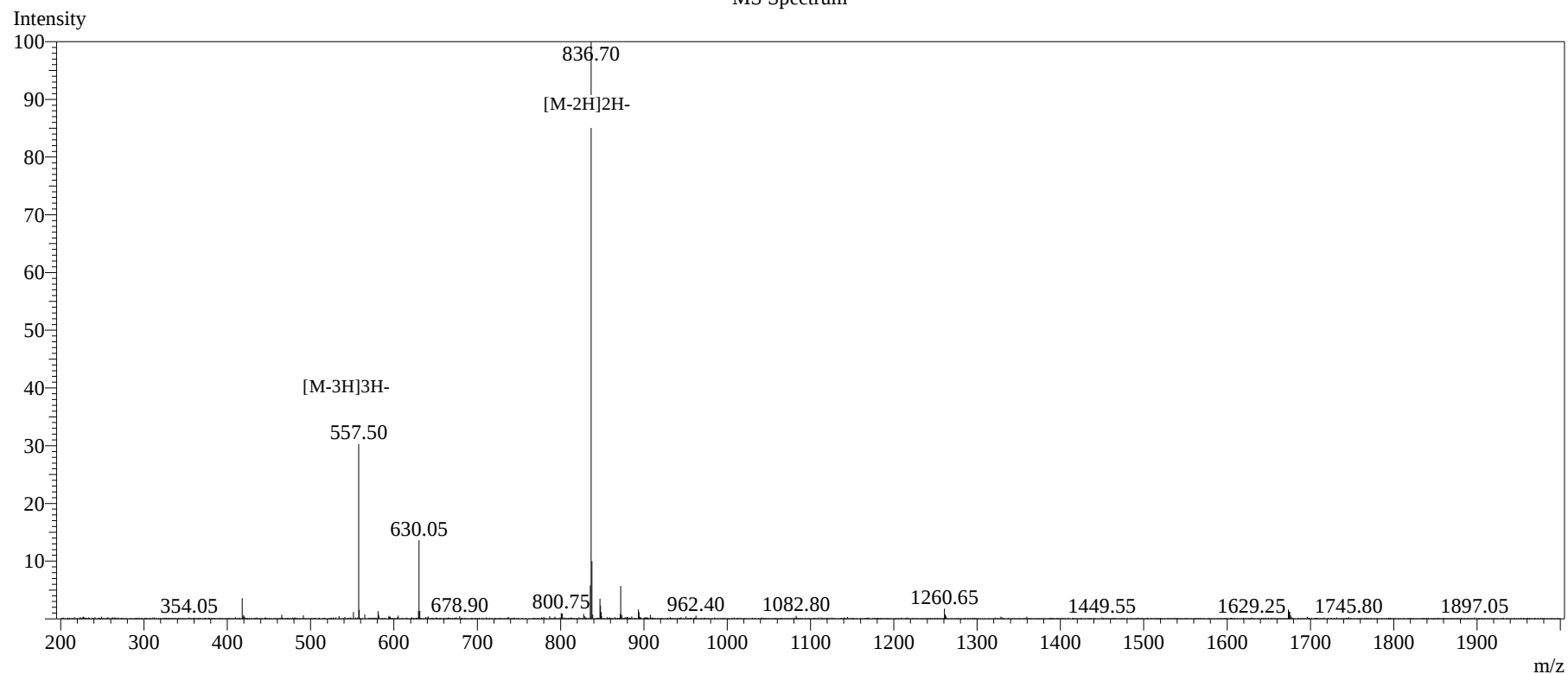


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.116	84256	3345	0.609
2	14.898	378580	28943	2.734
3	15.819	13203543	1641983	95.368
4	16.046	178466	37249	1.289
Total		13844844	1711520	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/24 11:02:45	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%H2O/50%MEOH
Order ID	:MTFA33352				
Name	:Eα (52-68) peptide, Cat.#: 315458				
Sequence	:ASFEAQGALANIAVDKA				
Lot.No	:MTFA33352-250922				
Theoretical	:1675.82				
Observed	:1675.40				