

CERTIFICATE OF ANALYSIS

Product Name	Leukokinin 1 peptide, Cat.#: 310599
Lot No.	MTFA32423-0212
Sequence	NSKYVSKQKFYSWG
Dissolution condition	100%H ₂ O
Length	14AA
Modification	N/A
Molecular Weight (MW)	1721.92
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1722.30	Conforms
Purity by HPLC	>95%	95.634%
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:



Quality Assurance Department

Feb/25/2025

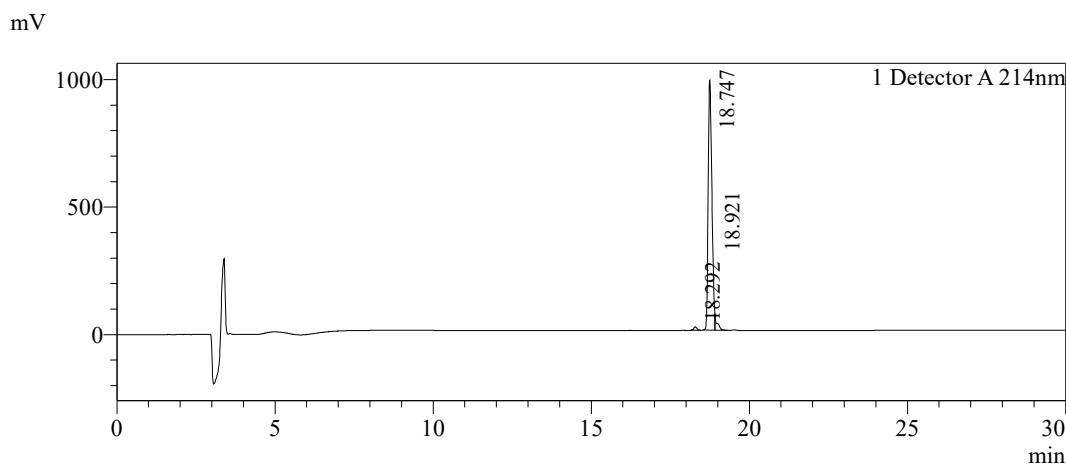


Sample Information

Order ID :MTFA32423
 Name :Leukokinin 1 peptide
 Sequence :NSKYVSKQKFYSWG
 Lot. No :MTFA32423-0212
 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 : 15ul

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

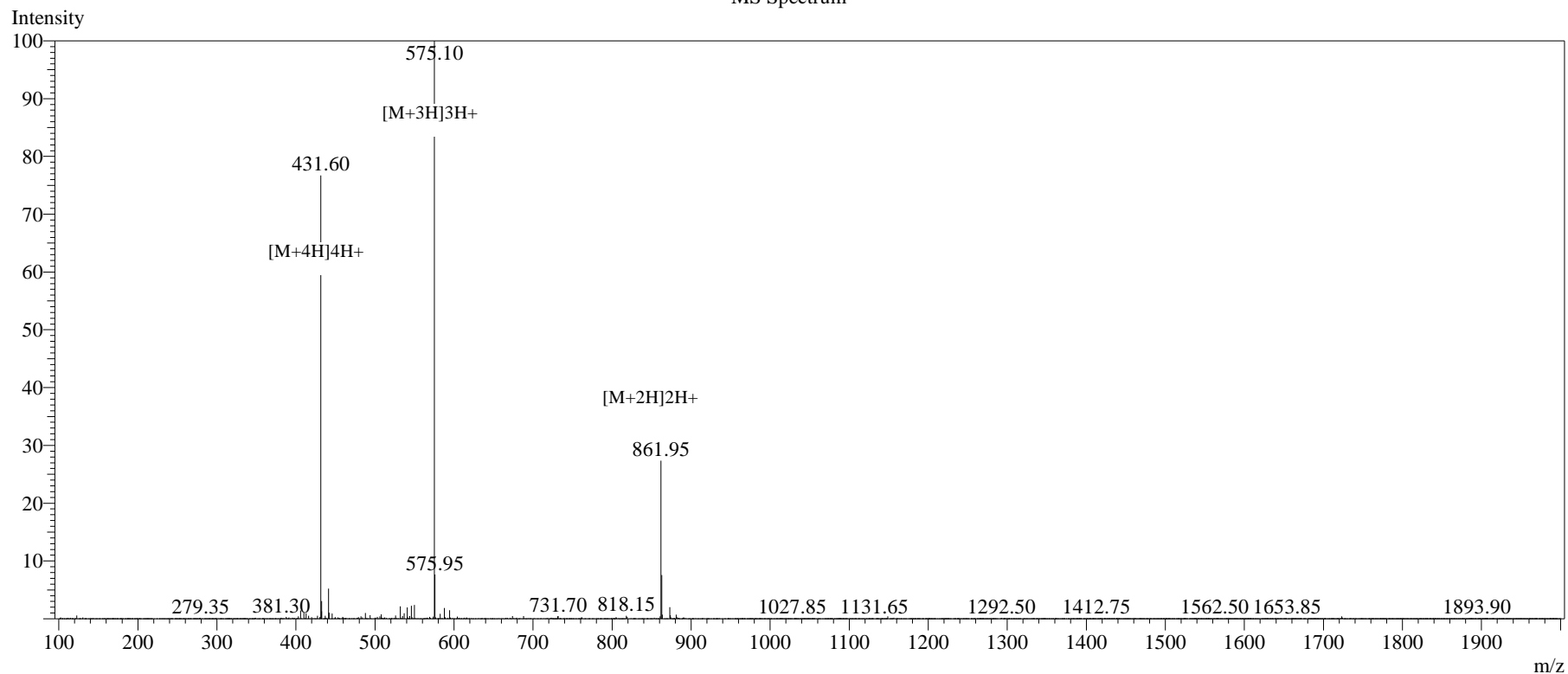


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	18.292	90439	13323	1.078
2	18.747	8025037	979279	95.634
3	18.921	275933	51319	3.288
Total		8391409	1043920	100.000

MS Spectrum



Sample Information

Dissolution method :15%ACN+85%H₂O
Date Acquired :2025/02/24 14:46:07
Injection Volume :0.2ul
Block Temp :200

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250°C
CDL Volt :0v

Prerod Bias :+4.5kv
Detector :-0.2kv
T.Flow :0.2ml/min
B.conc :50% H₂O/50% ME OH

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Lot.No :MTFA32423-0212
Theoretical :1721.92
Observed :1722.30