

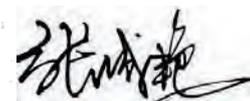
CERTIFICATE OF ANALYSIS

Product Name	FK-13 peptide (Cat.#: 301017)
Lot No.	MTFA30861-1-1227
Sequence	FKRIVQRIKDFLR
Dissolution condition	100%H ₂ O
Length	13AA
Modification	N/A
Molecular Weight (MW)	1719.09
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1719.40	Conforms
Purity by HPLC	>95%	98.598%
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	20mg	5.0mg*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

Jan/09/2024

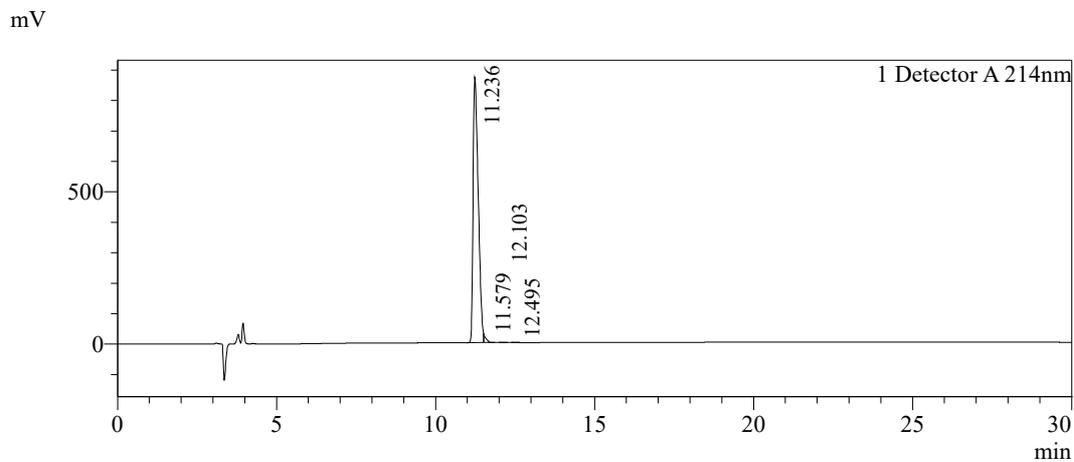


Sample Information

Order ID :MTFA30861-1
 Name :FK-13 peptide
 Sequence :FKRIVQRIKDFLR
 Lot. No :MTFA30861-1-1227
 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 :Phenomenex Luna® 5 µm C18(2) (4.6*250mm*5 µm)
 Dissolution method :100%H₂O
 Inj. Volume : 20ul

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	

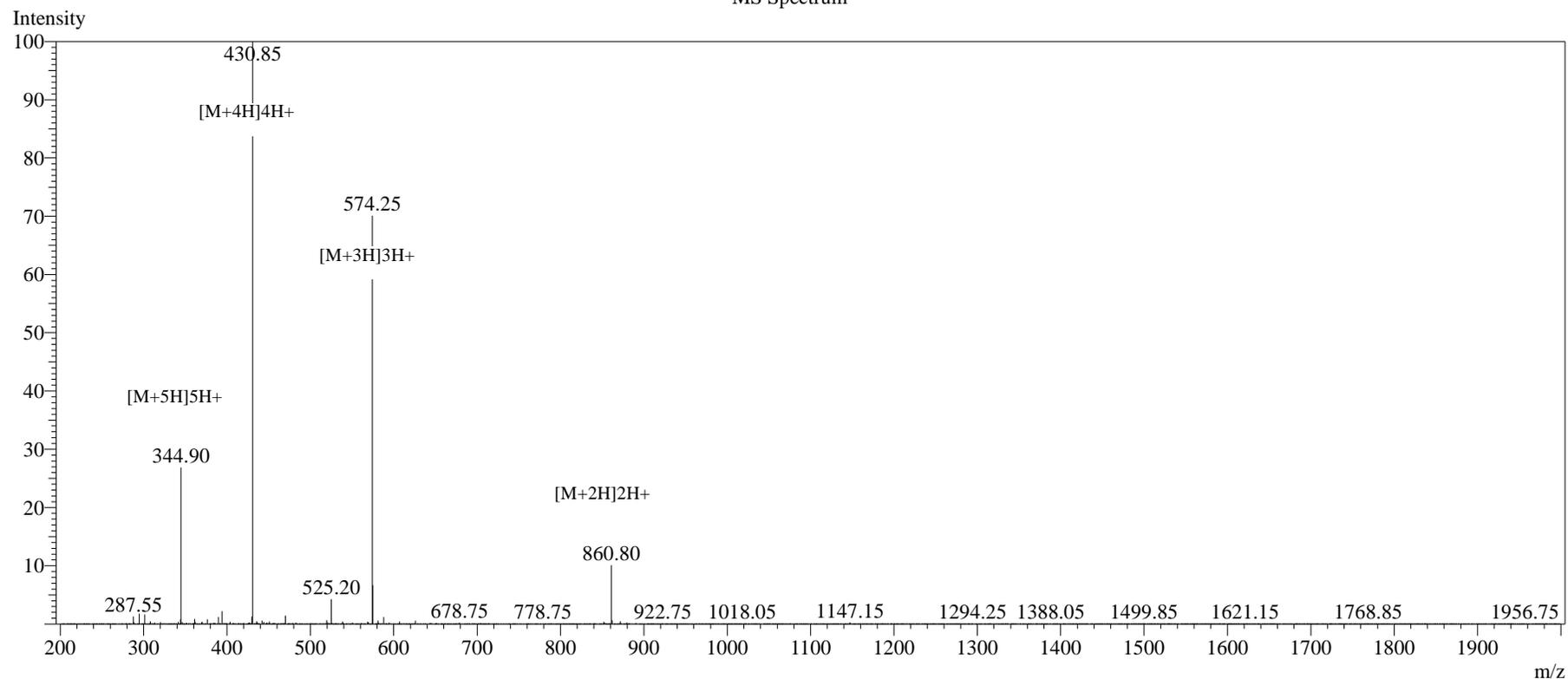
Chromatogram



Peak Table

Detector A 214nm				
Peak#	Ret. Time	Area	Height	Area%
1	11.236	9830087	871595	98.598
2	11.579	130836	15035	1.312
3	12.103	4167	542	0.042
4	12.495	4763	579	0.048
Total		9969853	887750	100.000

MS Spectrum



Sample Information

Dissolution method :15% ACN+85% H₂O
 Date Acquired :2024/01/02 10:15:56
 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% MEOH

Order ID :MTFA30861-1
 Name :FK-13 peptide
 Sequence :FKRIVQRIKDFLR
 Lot.No :MTFA30861-1-1227
 Theoretical :1719.09
 Observed :1719.40