

CERTIFICATE OF ANALYSIS

Product Name	Laminin Penta Peptide, Cat.#: 310217 (TFA removed)
Lot No.	MTFA33503-03-251023
Sequence	YIGSR (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	acetate salt
Molecular Weight (MW)	594.67
Storage	-20°C

Test Items	Specifications	Results
MW by MS	594.50	Conforms
Purity by HPLC	>95%	97.708%
Endotoxin 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	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:



Oct/29/2025

Quality Assurance Department

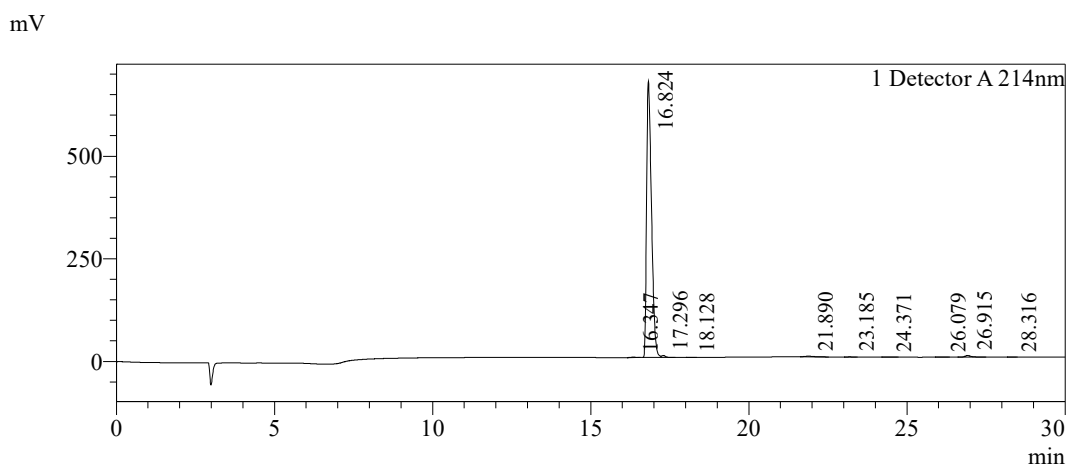


Sample Information

Order ID	:MTFA33503-03
Name	:Laminin Penta Peptide
Sequence	:YIGSR (Acetate Salt)
Lot. No	:MTFA33503-03-251023
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	0.1
30.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

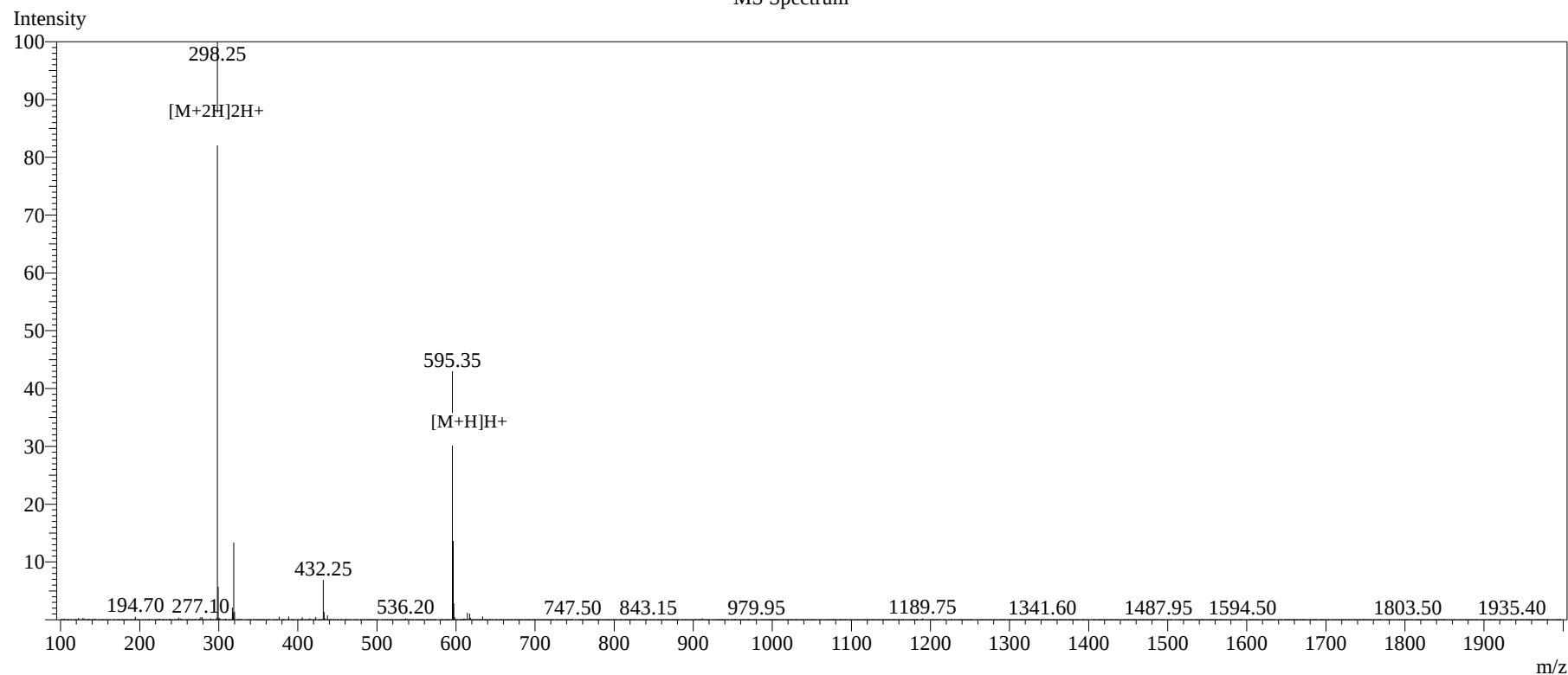


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.347	10503	1455	0.141
2	16.824	7266014	673266	97.708
3	17.296	40809	4647	0.549
4	18.128	3288	485	0.044
5	21.890	35462	1628	0.477
6	23.185	6318	540	0.085
7	24.371	8707	667	0.117
8	26.079	5265	482	0.071
9	26.915	57238	4034	0.770
10	28.316	2882	302	0.039
Total		7436485	687505	100.000

MS Spectrum



Sample Information

Dissolution method :15%ACN+85%H2O
 Date Acquired :2025/10/28 15:50:27
 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

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 Lot.No :MTFA33503-03-251023
 Theoretical :594.67
 Observed :594.50