

CERTIFICATE OF ANALYSIS

Product Name	PPFLMLLKGSTR peptide, Cat.#: 319481
Lot No.	MTFB20502-260127
Sequence	PPFLMLLKGSTR
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	1359.66
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1359.90	Conforms
Purity by HPLC	>95%	97.307%
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	5mg	5.0mg

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:



Jan/30/2026

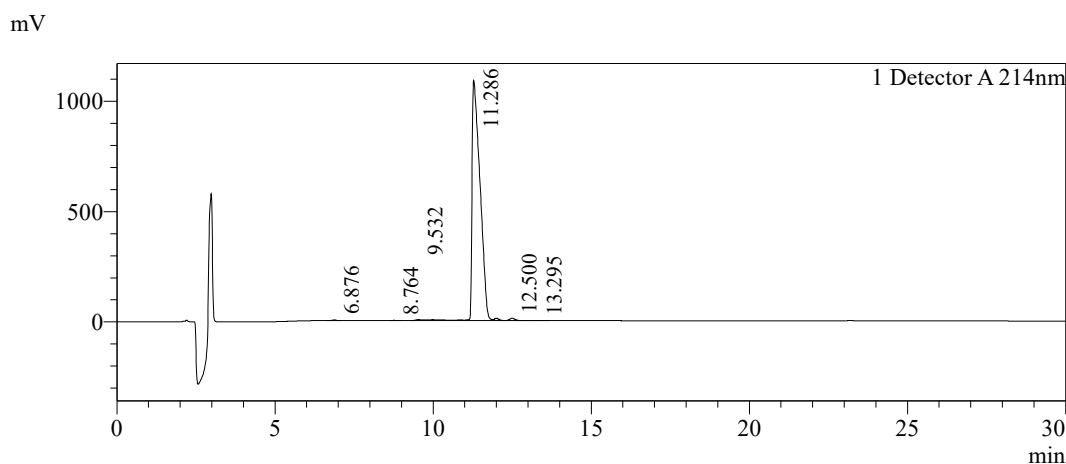
Quality Assurance Department



Sample Information

Order ID	:MTFB20502		
Name	:PPFLMLLKGSTR		
Sequence	:PPFLMLLKGSTR		
Lot. No	:MTFB20502-260127		
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	: 30ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

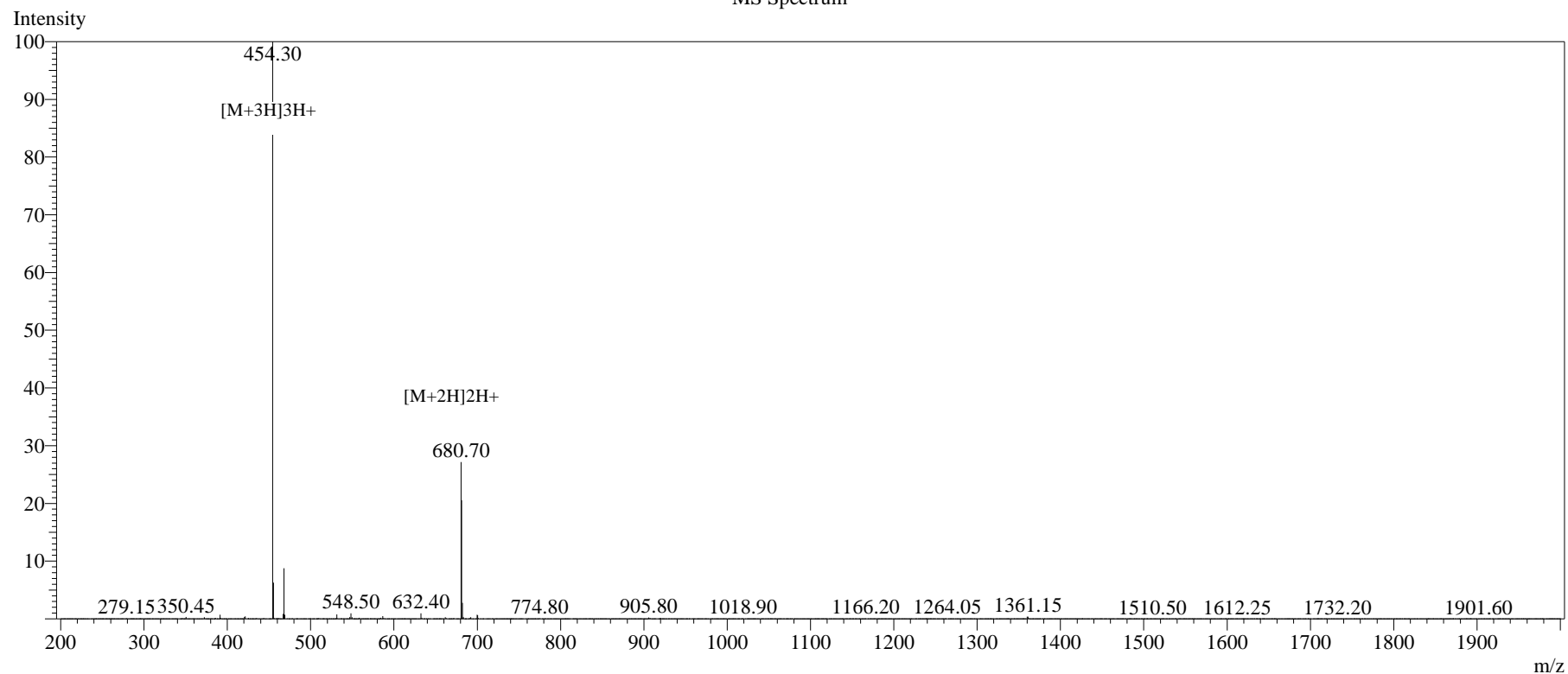


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	6.876	19950	2687	0.103
2	8.764	3717	545	0.019
3	9.532	265685	4769	1.366
4	11.286	18921733	1087903	97.307
5	12.500	228394	10778	1.175
6	13.295	5921	725	0.030
Total		19445399	1107408	100.000

MS Spectrum



Sample Information

Dissolution method :15% ACN+85% H₂O
 Date Acquired :2026/01/29 13:31:53
 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

Order ID :MTFB20502
 Name :PPFLMLLKGSTR
 Sequence :PPFLMLLKGSTR
 Lot.No :MTFB20502-260127
 Theoretical :1359.66
 Observed :1359.90