

CERTIFICATE OF ANALYSIS

Product Name	H-Phe-Met-Arg-Phe-NH2 peptide, Cat.# 305662
Lot No.	GTA34646-1-1021
Sequence	FMRF-NH2
Dissolution condition	100%H2O
Length	4AA
Modification	N/A
Molecular Weight (MW)	598.74
Storage	-20°C

Test Items	Specifications	Results
MW by MS	598.70	Conforms
Purity by HPLC	>95%	99.471%
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	10mg	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:



Quality Assurance Department

Nov/02/2022

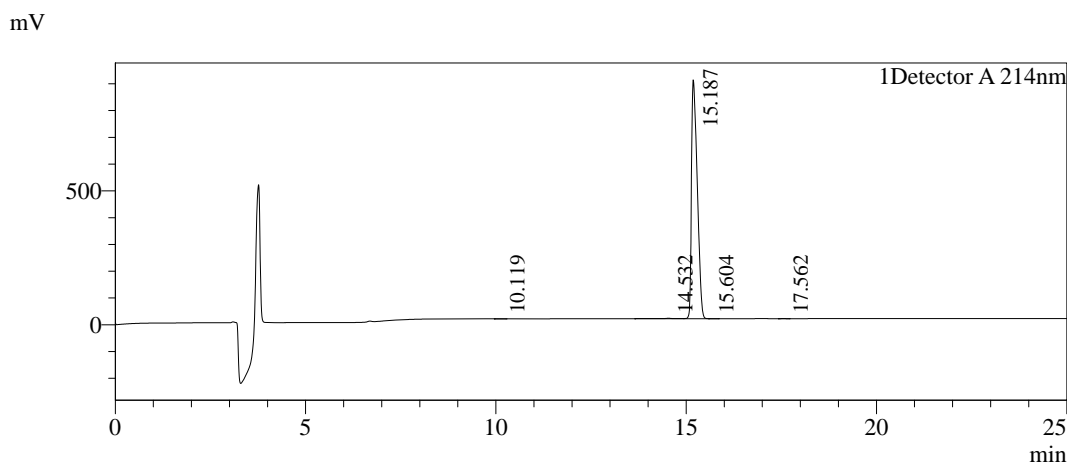


Sample Information

Order ID	:GTA34646-1
Name	:N/A
Sequence	:FMRF-NH2
Lot. No	:GTA34646-1-1021
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	:YMC-Triart C18(4.6*250mm*5um)
Dissolution method	:100% H2O
Inj. Volume	: 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
25.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

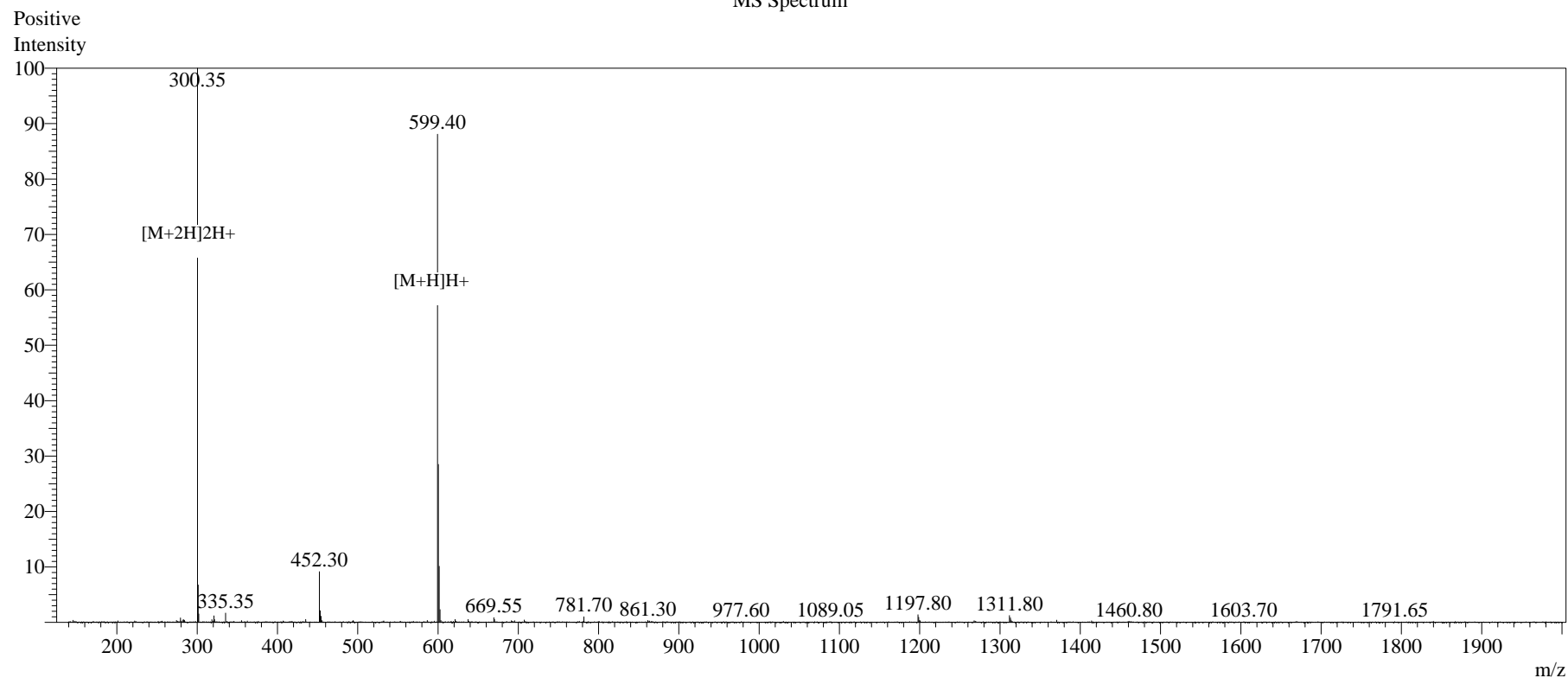


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.119	4754	665	0.049
2	14.532	43838	1676	0.456
3	15.187	9563720	891833	99.471
4	15.604	784	231	0.008
5	17.562	1524	220	0.016
Total		9614620	894625	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2022/10/31 15:41:40	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:GTA34646-1
Name	:N/A
Sequence	:FMRF-NH ₂
Lot.No	:GTA34646-1-1021
Theoretical	:598.74
Observed	:598.70