

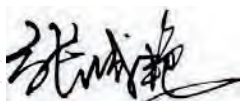
CERTIFICATE OF ANALYSIS

Product Name	PpNLP peptide, Cat.#: 319400
Lot No.	MTFA32099-1115
Sequence	AIMYSWYFPKDSPVTGLGHR
Dissolution condition	100%H ₂ O
Length	20AA
Modification	N/A
Molecular Weight (MW)	2325.64
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2325.60	Conforms
Purity by HPLC	>95%	98.706%
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/19/2024



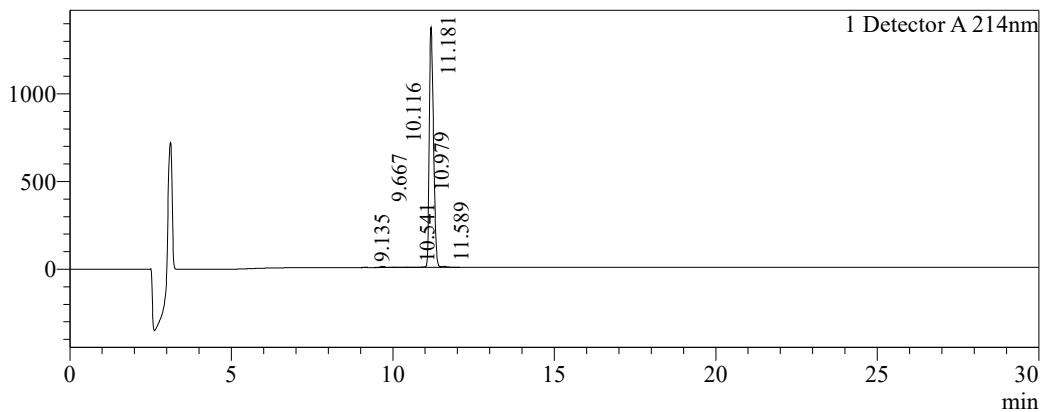
Sample Information

Order ID :MTFA32099
Name :PpNLP peptide
Sequence :AIMYSWYFPKDSPVTGLGHR
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

mV

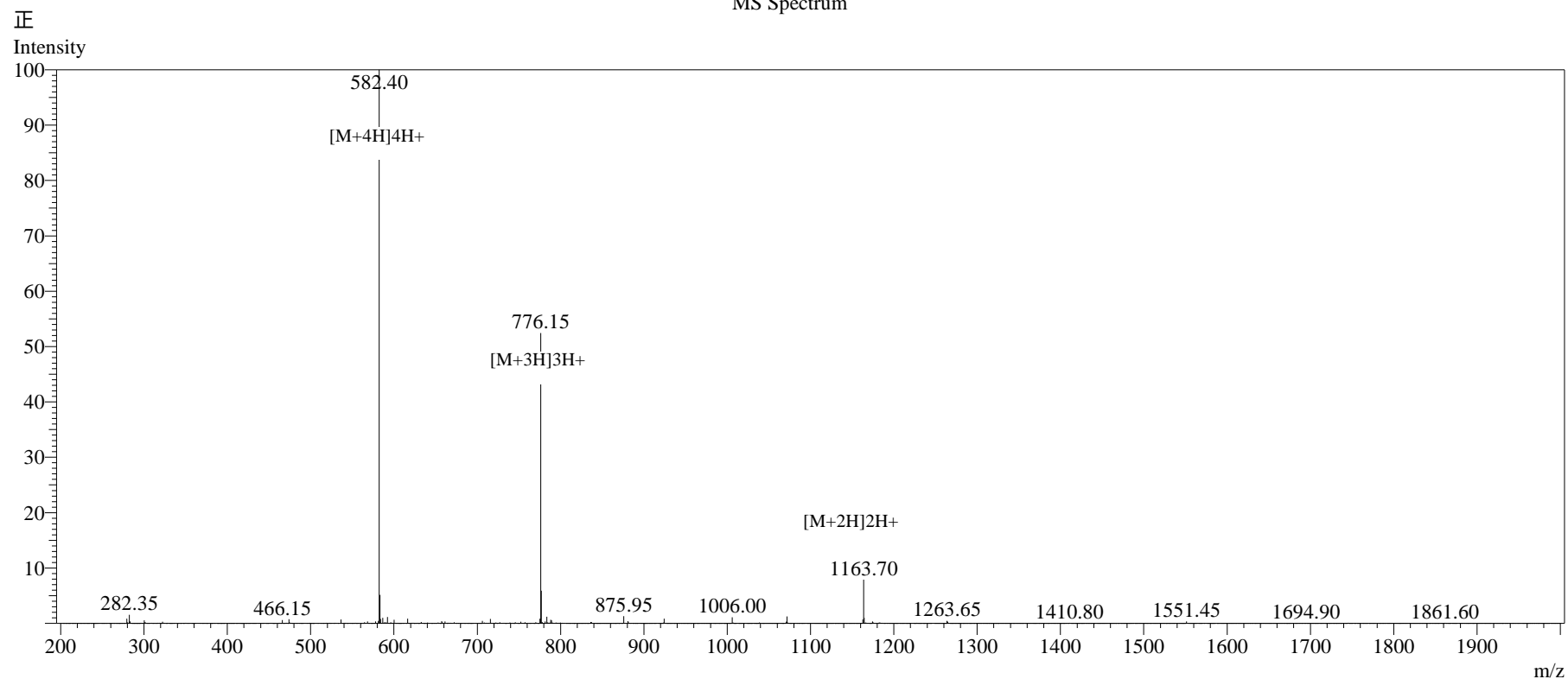


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.135	3253	517	0.026
2	9.667	59905	7043	0.474
3	10.116	7652	736	0.061
4	10.541	4983	628	0.039
5	10.979	17729	2704	0.140
6	11.181	12468253	1368841	98.706
7	11.589	69927	5441	0.554
Total		12631702	1385911	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/08/15 10:35:42	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% ME OH

Order ID	:MTFA32099
Name	:PpNLP peptide
Sequence	:AIMYSWYFPKDSPVTGLGHR
Theoretical	:2325.64
Observed	:2325.60