


CERTIFICATE OF ANALYSIS

Product Name	PNC-27 peptide, Cat.#: 319519, TFA removed
Lot No.	MTFA30508-0921
Sequence	PPLSQETFSDLWKLLKKWKMRRNQFWVKVQRG (Acetate Salt)
Dissolution condition	15%ACN+85%H2O
Length	32AA
Modification	Acetate salts
Molecular Weight (MW)	4031.74
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4031.75	Conforms
Purity by HPLC	>95%	96.351%
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	500mg	25.0mg*20

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

Oct/19//2023

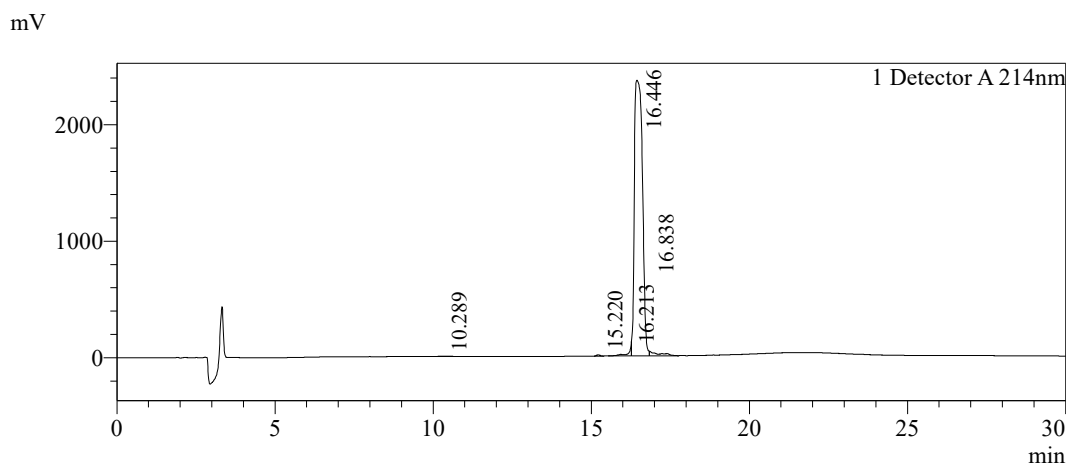


Sample Information

Order ID :MTFA30508
 Name :PNC-27 peptide
 Sequence :PPLSQETFSDLWKLLKKWKMRRNQFWVKVQRG (Acetate Salt)
 Lot. No :MTFA30508-0921
 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 :15%ACN+85%H2O
 Inj. Volume : 30ul

Time	Module	Action	Value
30.00	B.Conc	25	0.01
33.00	Pumps	B.Conc	55
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	100
50.00	Controller	Stop	25

Chromatogram

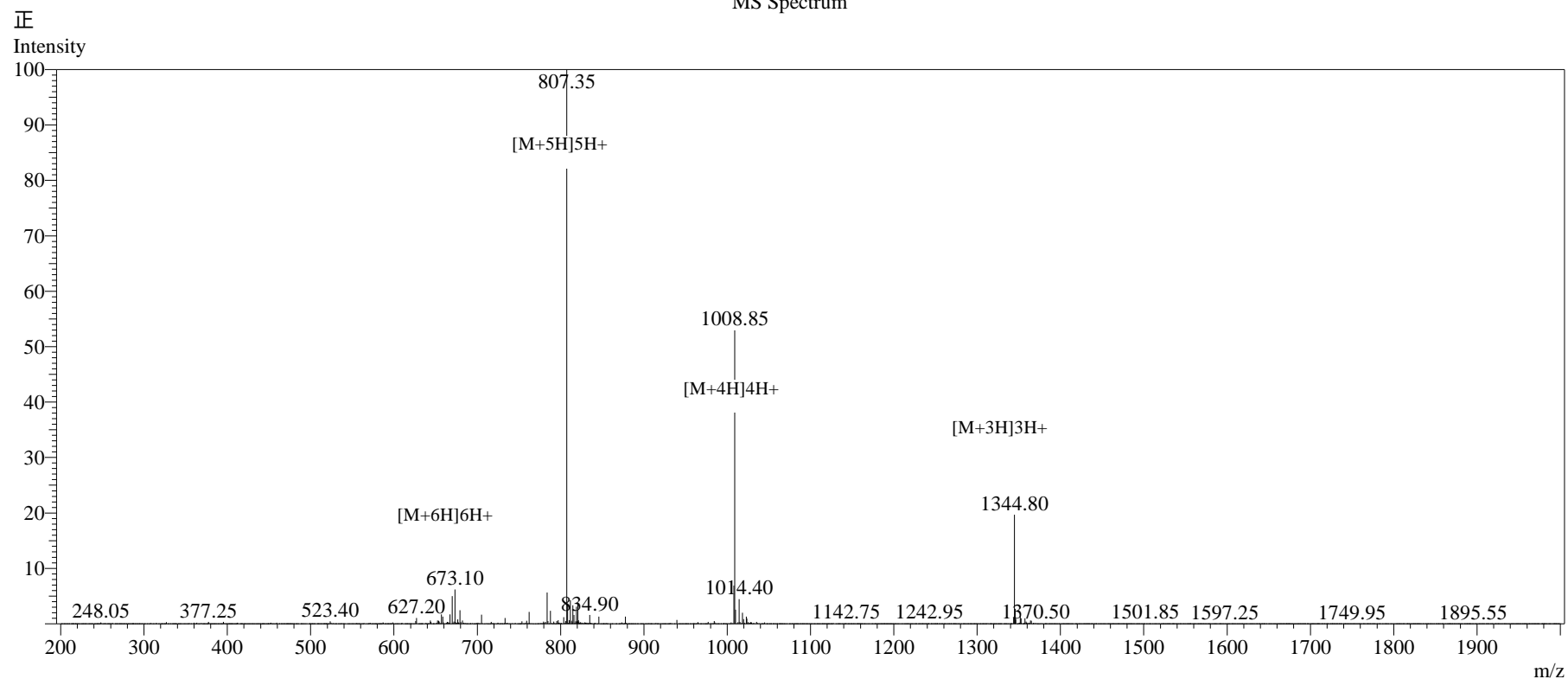


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	10.289	72605	3484	0.167
2	15.220	80460	11196	0.185
3	16.213	631479	33143	1.454
4	16.446	41848593	2365334	96.351
5	16.838	800435	40543	1.843
Total		43433572	2453700	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/10/17 17:11:06	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:MTFA30508
Name	:PNC 27 peptide
Sequence	:PPLSQETFSDLWKLLKKWKMRRNQFWVKVQRG (Acetate Salt)
Lot.No	:MTFA30508-0921
Theoretical	:4031.74
Observed	:4031.75