

CERTIFICATE OF ANALYSIS

Product Name	μ-conotoxin CnIIIC, conopeptide (TFA removed), Cat.#: 319142
Lot No.	GTA35010-0301
Sequence	Pyr-GC*C*NGPKGC*SSKWC*RDHARC*C*-NH2
Dissolution condition	100%H2O
Length	22AA
Modification	disulfide bond Cys3-Cys15, Cys4-Cys21 and Cys10-Cys22
Molecular Weight (MW)	2375.80
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2375.80	Conforms
Purity by HPLC	>95%	95.141%
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	1g	100.0mg*10

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

March/03/2023

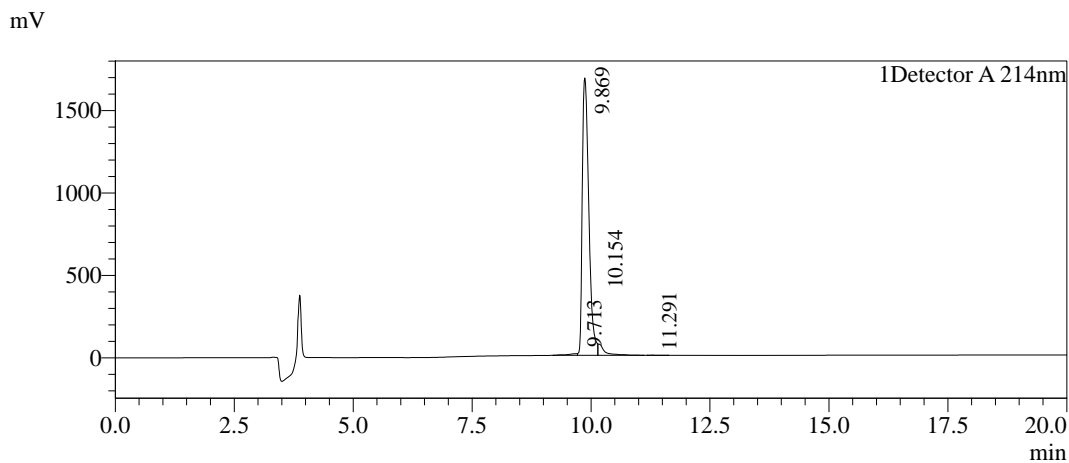


Sample Information

Order ID :GTA35010
 Name :CnIIIC, conopeptide
 Sequence :Pyr-GC*C*NGPKGC*SSKWC*RDHARC*C*-NH2
 Lot. No :GTA35010-0301
 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	10
20.00	Pumps	B.Conc	30
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

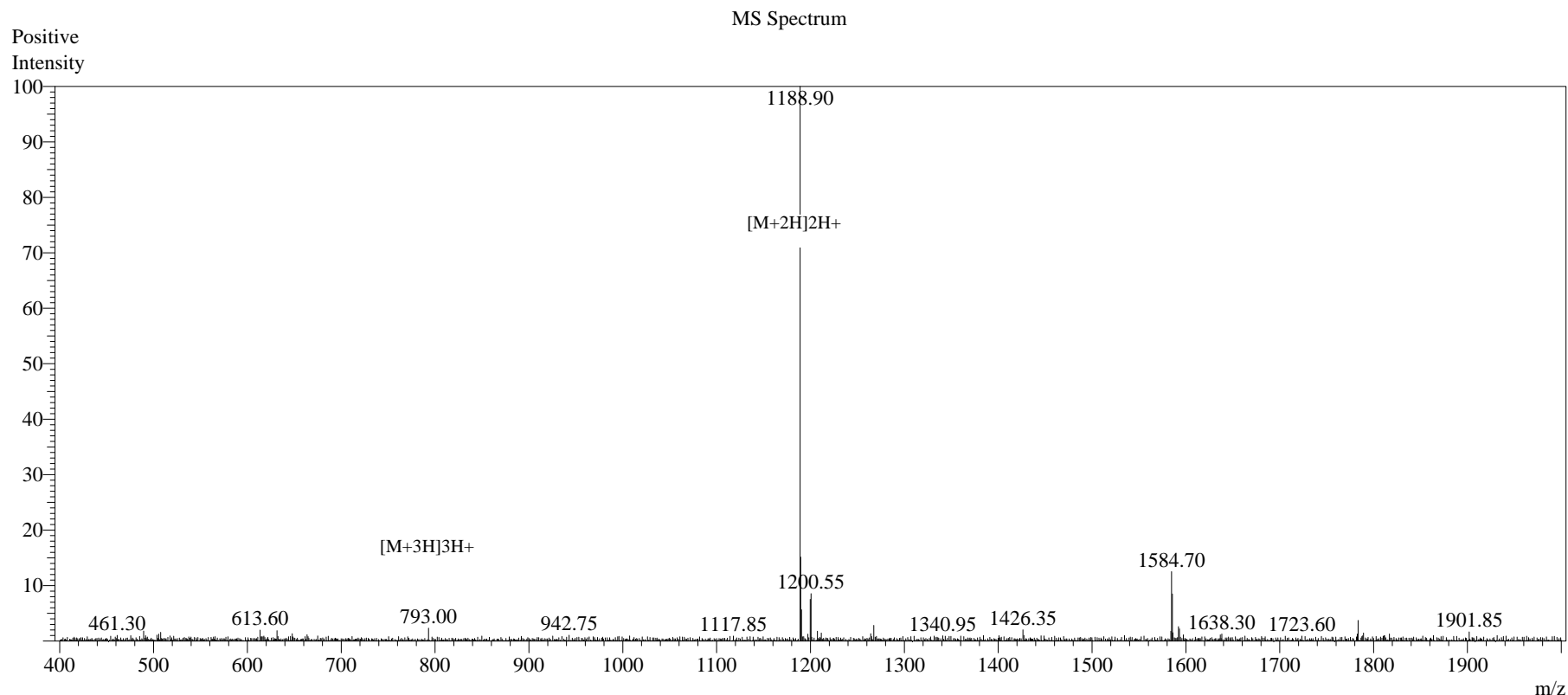
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.713	147434	10542	0.870
2	9.869	16126281	1682973	95.141
3	10.154	669395	68277	3.949
4	11.291	6713	739	0.040
Total		16949824	1762531	100.000



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/03/03 14:37:01	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	:GTA35010
Name	:CnIIIC ₁ conopeptide
Sequence	:Pyr-GC*C*NGPKGC*SSKWC*RDHARC*C*-NH ₂
Lot.No	:GTA35010-0301
Theoretical	:2375.80
Observed	:2375.80