

CERTIFICATE OF ANALYSIS

Product Name	Poneratoxin peptide, Cat.#: 314593 (TFA removed)
Lot No.	MTFA32785-0506
Sequence	FLPLLILGSLLMTPPVIQAIHDAQR-NH2 (Acetate Salt)
Dissolution condition	40%ACN+60%H2O
Length	25AA
Modification	acetate salt
Molecular Weight (MW)	2756.35
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2756.40	Conforms
Purity by HPLC	>95%	95.373%
TFA content	N/A	N/A
Endotoxin 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:



May/09/2025

Quality Assurance Department

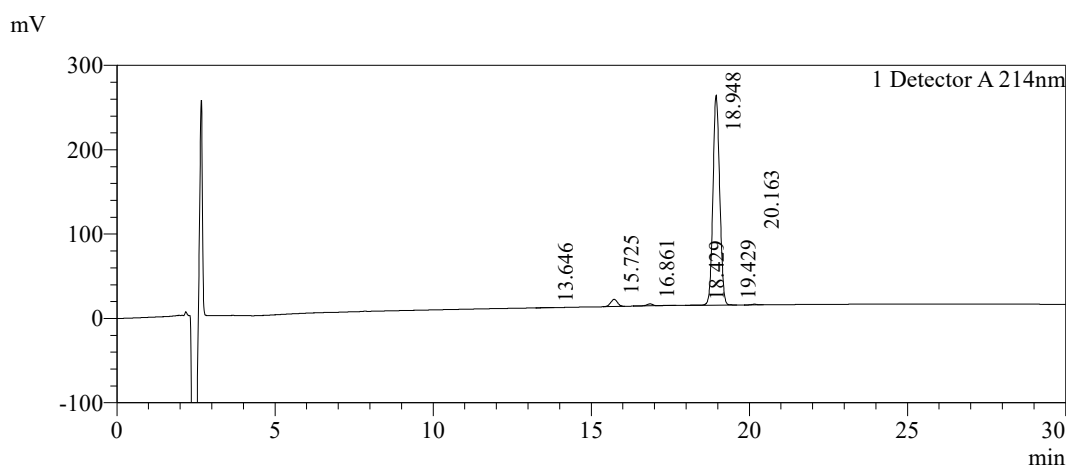


Sample Information

Order ID :MTFA32785
 Name :Poneratoxin
 Sequence :FLPLLILGSLLMTPPVIQAIHDAQR-NH2 (Acetate Salt)
 Lot. No :MTFA32785-0506
 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 :40%ACN+60%H2O
 Inj. Volume : 40ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	40
30.00	Pumps	B.Conc	70
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	40
50.00	Controller	Stop	

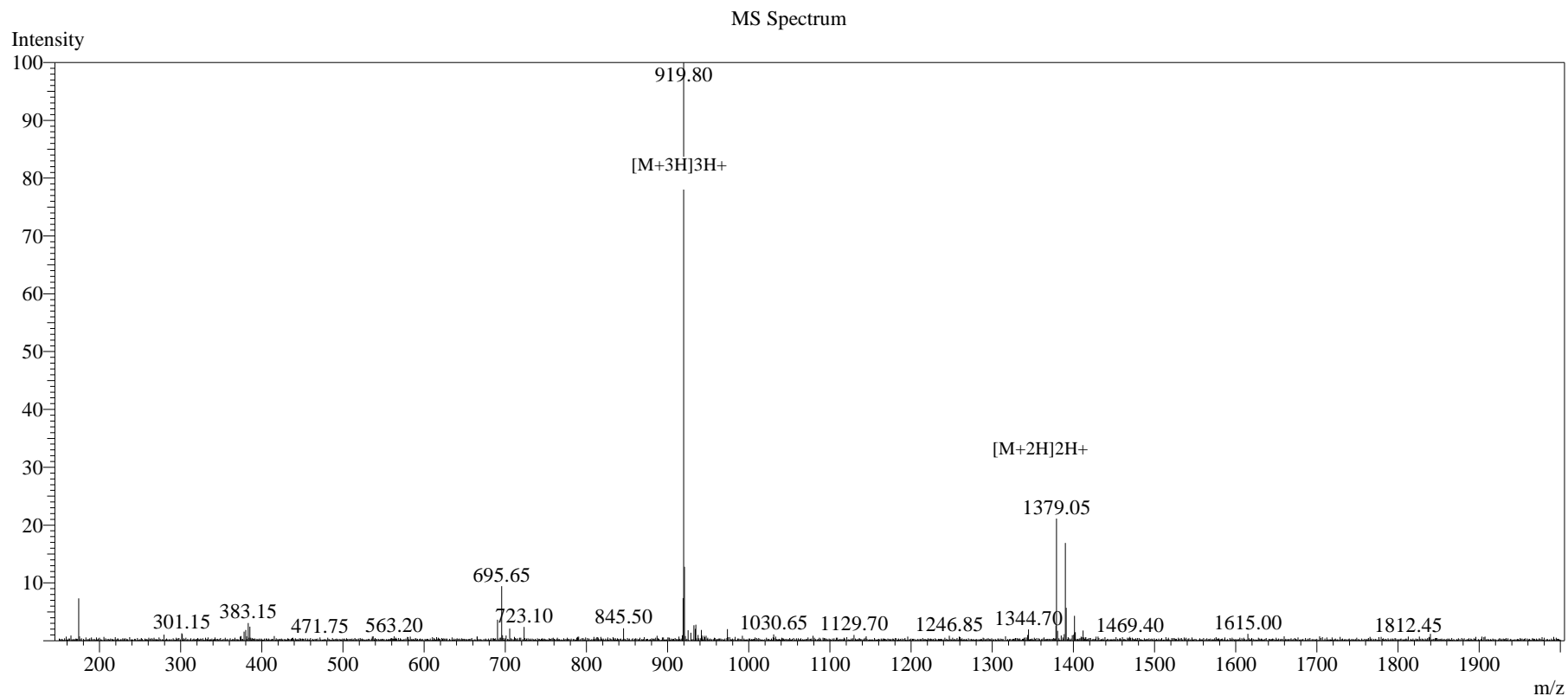
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.646	3256	202	0.084
2	15.725	125018	8431	3.223
3	16.861	37191	2360	0.959
4	18.429	3447	211	0.089
5	18.948	3699301	248586	95.373
6	19.429	882	188	0.023
7	20.163	9691	852	0.250
Total		3878786	260829	100.000



Sample Information

Dissolution method	:40% ACN+60% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/05/07 16:12:06	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% ME OH

Order ID	:MTFA32785
Name	:Poneratoxin
Sequence	:FLPLLILGSLLMTTPVIAIHDAQR-NH ₂ (Acetate Salt)
Lot.No	:MTFA32785-0506
Theoretical	:2756.35
Observed	:2756.40