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**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Poneratoxin, Cat.#: 314593 (TFA removed)
<b>Lot No.</b>	MTFB20364-251211
<b>Sequence</b>	FLPLLILGSLLMTPPVIIQAIHDAQR-NH2 (Acetate Salt)
<b>Dissolution condition</b>	5%HCOOH+15%ACN+80%H2O
<b>Modification</b>	acetate salt
<b>Molecular Weight (MW)</b>	2756.35
<b>Storage</b>	-20°C

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Test Items	Specifications	Results
MW by MS	2756.85	Conforms
Purity by HPLC	>95%	95.414%
Endotoxin Content	N/A	N/A
TFA solubility	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	20mg	5.0mg*4

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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:



Dec/15/2025

Quality Assurance Department



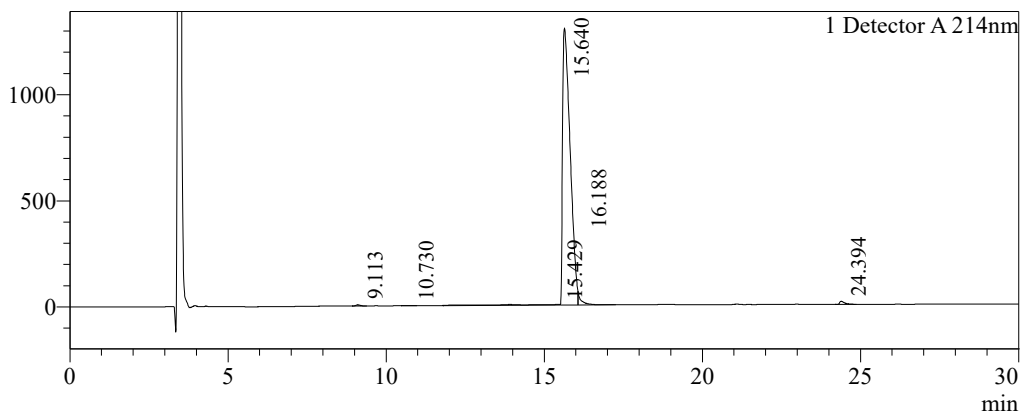
### Sample Information

Order ID :MTFB20364  
 Name :Poneratoxin  
 Sequence :FLPLLILGSLLMTPPVIAIHDAQR-NH2 (Acetate Salt)  
 Lot. No :MTFB20364-251211  
 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 :5%HCOOH+15%ACN+80%H2O  
 Inj. Volume : 25ul  

Time	Module	Action	Value
0.01	Pumps	B.Conc	45
30.00	Pumps	B.Conc	75
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	45
50.00	Controller	Stop	

### Chromatogram

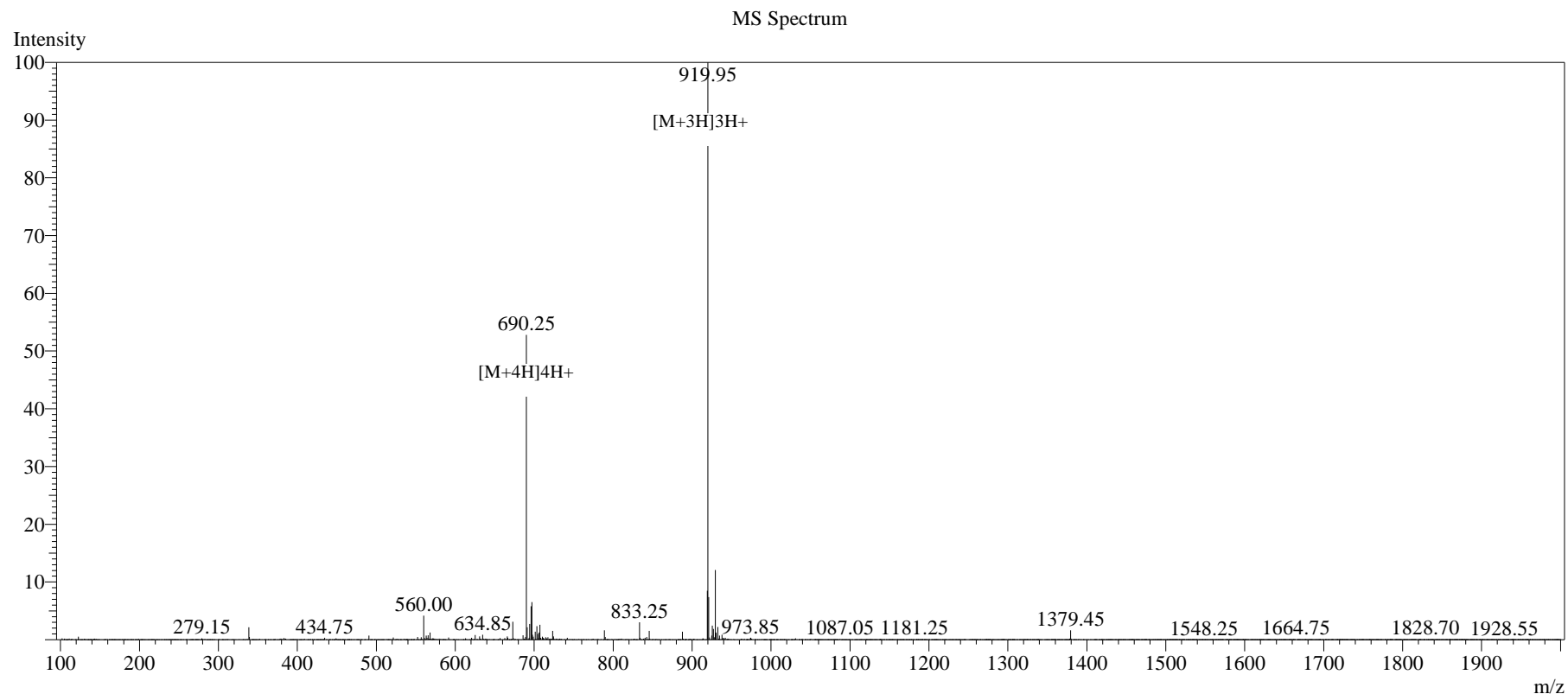
mV



### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.113	47532	5188	0.209
2	10.730	10459	831	0.046
3	15.429	414090	2826	1.821
4	15.640	21694215	1302388	95.414
5	16.188	416352	18891	1.831
6	24.394	154357	14440	0.679
Total		22737005	1344563	100.000



### Sample Information

Dissolution method	:5% HCOOH+15% ACN+80% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/12/12 11:12:59	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 <sub>2</sub> O/50% ME OH

Order ID	:MTFB20364
Name	:Poneratoxin
Sequence	:FLPLLILGSLMTTPVIAIHDAQR-NH <sub>2</sub> (Acetate Salt)
Lot.No	:MTFB20364-251211
Theoretical	:2756.35
Observed	:2756.85