

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Poneratoxin (Cat.#314593), TFA removed
<b>Lot No.</b>	GTA33554-2-0624
<b>Sequence</b>	FLPLLILGSLLMTPPVIAIHDAQR-NH2(Desalt)
<b>Dissolution condition</b>	30%ACN+70%H2O
<b>Length</b>	25AA
<b>Modification</b>	TFA Removal
<b>Molecular Weight (MW)</b>	2756.34
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	2756.40	Conforms
<b>Purity by HPLC</b>	>95%	95.005%
<b>Peptide Content</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	20mg	5.0mg*4

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

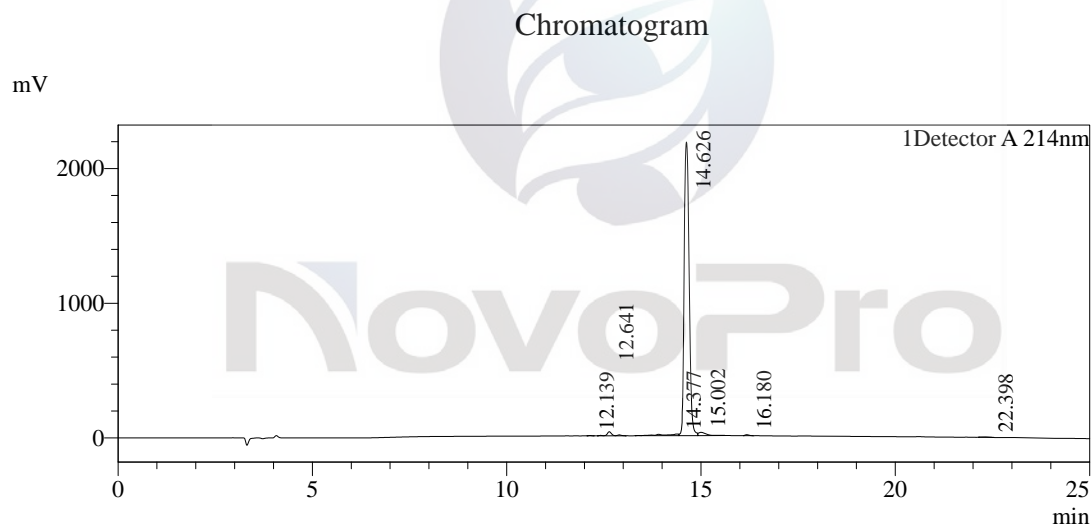
Aug/12/2021



### Sample Information

Order ID :GTA33554-2  
 Name :N/A  
 Sequence :FLPLLILGSELLMTPPVIAIHDAQR-NH2(Desalt)  
 Lot. No :GTA33554-2-0624  
 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 :SHIMADZU Inertsil ODS-SP(4.6\*250mm\*5um)  
 Dissolution method :30% ACN+70% H2O  
 Inj. Volume : 15ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	40
25.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	40
50.00	Controller	Stop	

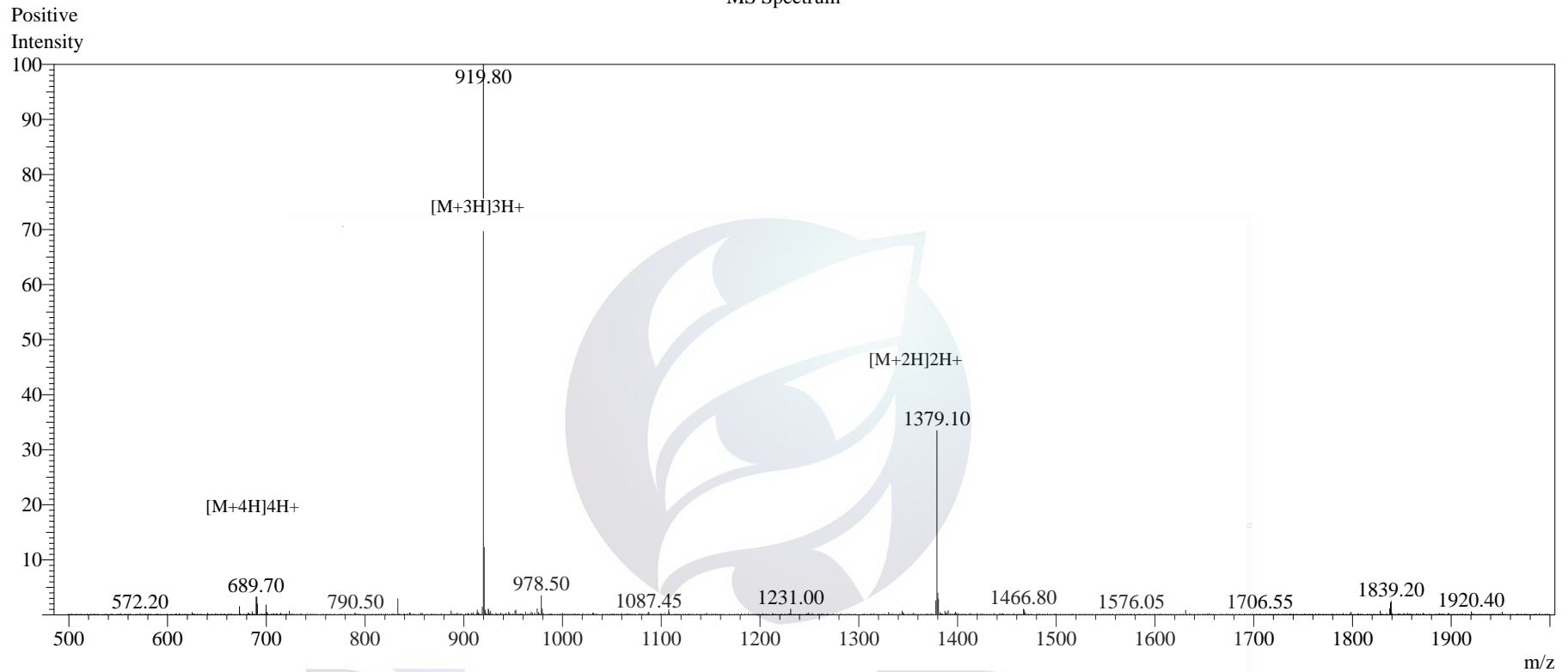


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.139	12500	2328	0.061
2	12.641	267133	30219	1.298
3	14.377	325113	11949	1.579
4	14.626	19555936	2180037	95.005
5	15.002	347779	24138	1.690
6	16.180	45982	6967	0.223
7	22.398	29568	2604	0.144
Total		20584012	2258242	100.000

MS Spectrum



Sample Information

Dissolution method	:5% HAC+8% ACN+87% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2021/08/12 09:57:07	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 <sub>2</sub> O/50% MEOH

Order ID	:GTA33554-2
Name	:N/A
Sequence	:FLPLLILGSLLMTPPVIAIHDAQR-NH <sub>2</sub> (Desalt)
Lot.No	:GTA33554-2-0624
Theoretical	:2756.34
Observed	:2756.40