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**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	NVG-291, Cat.#: 319761 (TFA removed)
<b>Lot No.</b>	MTFB20791-260427
<b>Sequence</b>	GRKKRRQRRRCDMAEHTERLKDANDSLKLSQEYESI-NH2 (HCl Salt)
<b>Dissolution condition</b>	100%H2O
<b>Modification</b>	HCl Salt
<b>Molecular Weight (MW)</b>	4288.82
<b>Storage</b>	-20°C

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<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	4289.70	Conforms
<b>Purity by HPLC</b>	>95%	95.884%
<b>Endotoxin Content</b>	N/A	N/A
<b>TFA solubility</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Peptide content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	710mg	5.0mg*142

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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:



May/21/2026

Quality Assurance Department



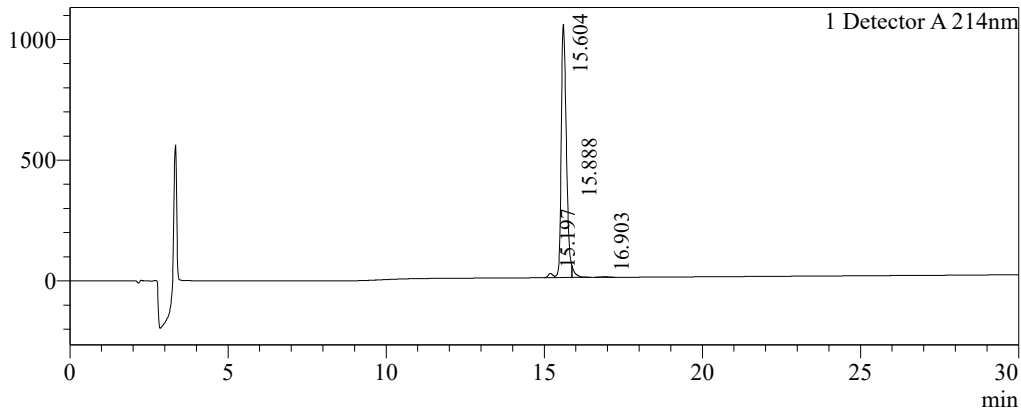
Sample Information

Order ID :MTFB20791  
 Name :NVG-291, Cat.#: 319761 (TFA removed)  
 Sequence :GRKKRRQRRRCDMAEHTERLK  
 ANDSLKLSQEYESI-NH<sub>2</sub>(HCl Salt)  
 Lot.No :MTFB20791-260427  
 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 :100%H<sub>2</sub>O  
 Inj. Volume : 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

mV

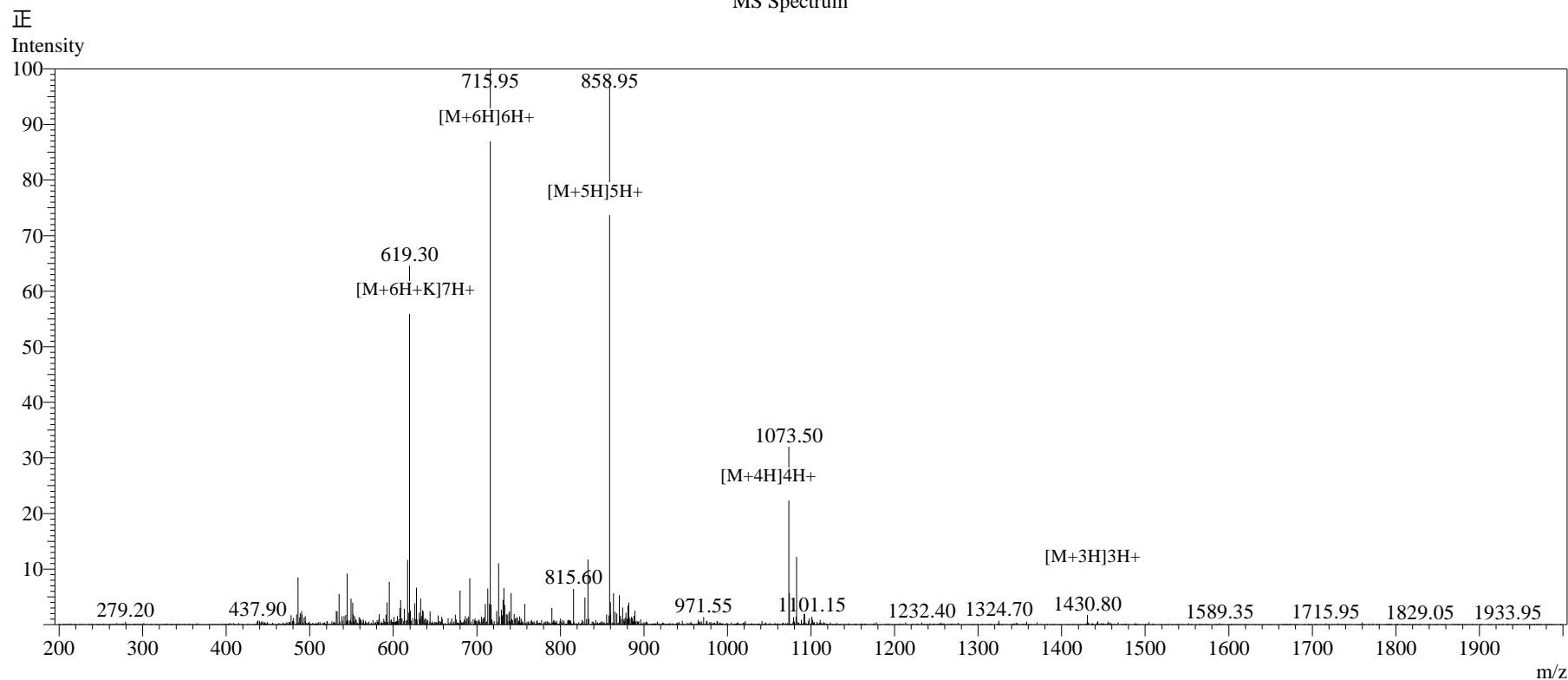


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	15.197	175902	17374	1.427
2	15.604	11822768	1047665	95.884
3	15.888	289576	45609	2.348
4	16.903	42093	2799	0.341
Total		12330339	1113448	100.000

### MS Spectrum



### Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/05/18 15:44:46	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% MEOH

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Lot.No	:MTFB20791-260427
Theoretical	:4288.82
Observed	:4289.70