


## CERTIFICATE OF ANALYSIS

Product Name	NVG-291, TAT-ISP peptide (TFA removed), Cat.#: 319761
Lot No.	MTFA33242-250826
Sequence	GRKKRRQRRRCDMAEHMERLKANDSLKLSQEYESI-NH2 (Acetate Salt)
Dissolution condition	100%H2O
Modification	Acetate Salt
Molecular Weight (MW)	4318.91
Storage	-20°C

Test Items	Specifications	Results
MW by MS	4318.80	Conforms
Purity by HPLC	>95%	95.913%
TFA content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	40mg	5.0mg*8

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

Sep/01/2025



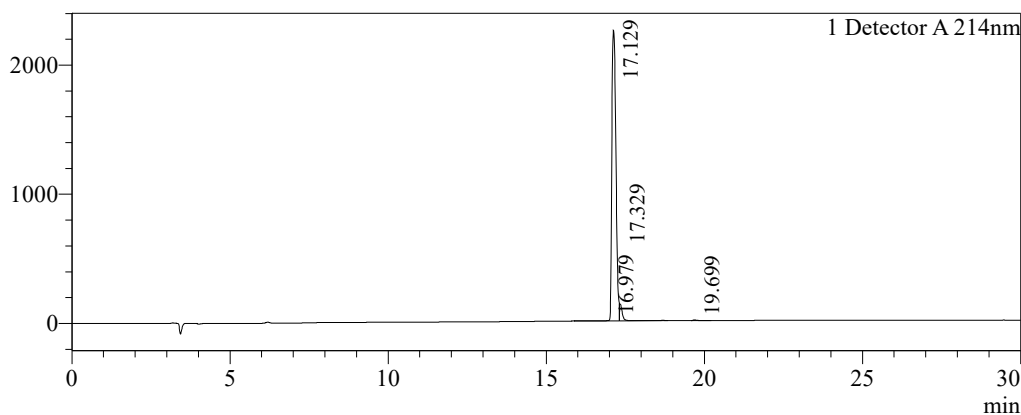
### Sample Information

Order ID :MTFA33242  
 Name :NVG-291, TAT-ISP peptide  
 Sequence :GRKKRRQRRRCDMAEHMERLKANDSLKLSQEYESI-NH2  
 (Acetate Salt)  
 Lot. No :MTFA33242-250826  
 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%H2O  
 Inj. Volume : 25ul  

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

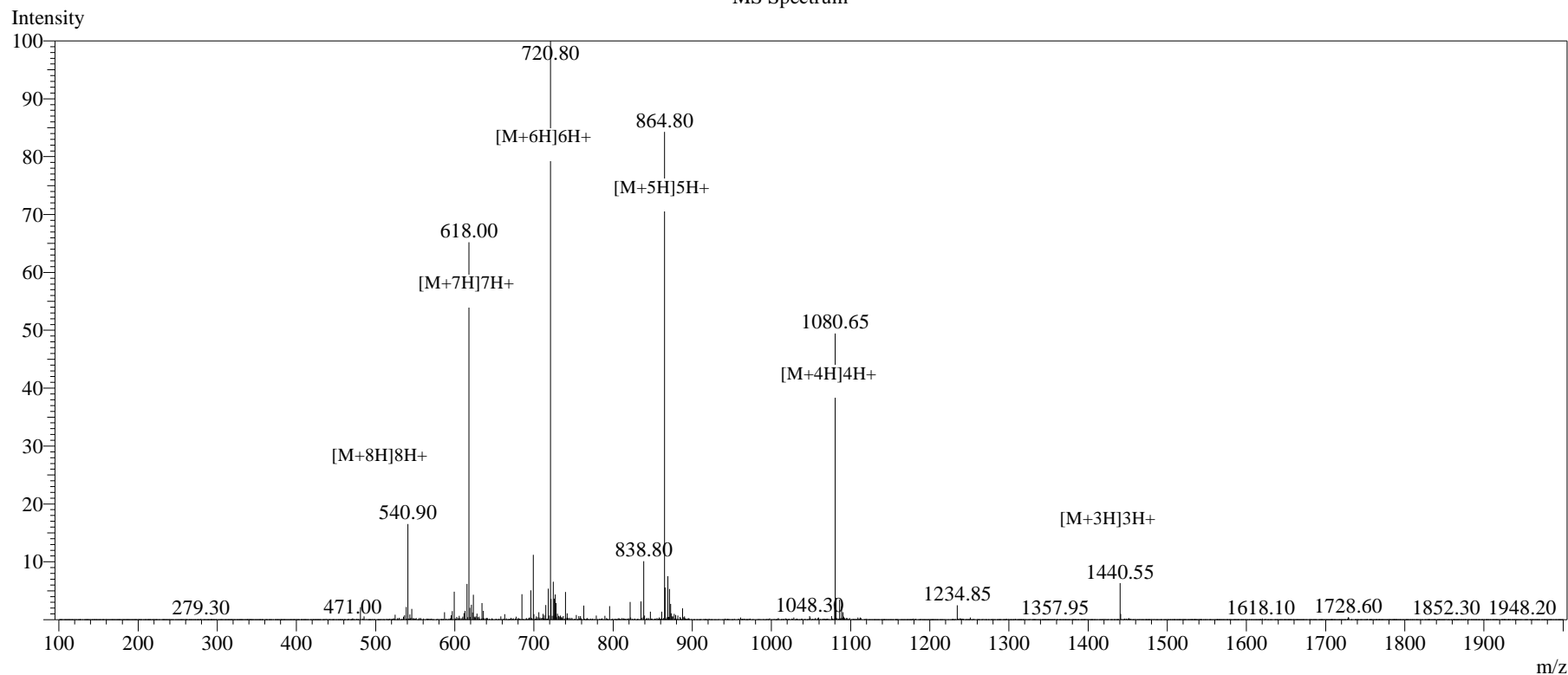


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.979	18895	2766	0.090
2	17.129	20236999	2249815	95.913
3	17.329	803966	132118	3.810
4	19.699	39410	4748	0.187
Total		21099270	2389447	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15%ACN+85%H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/08/27 14:31:55	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	:MTFA33242
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Sequence	:GRKKRRQRRRCDMAEHMERLKANDSLKLSQEYESI-NH <sub>2</sub> (Acetate Salt)
Lot.No	:MTFA33242-250826
Theoretical	:4318.91
Observed	:4318.80