


## CERTIFICATE OF ANALYSIS

Product Name	p28, Cat.#: 319086 (TFA removed)
Lot No.	MTFA31849-8-0918
Sequence	LSTAADMQGVVTDGMASGLDKDYLPDD (Acetate Salt)
Dissolution condition	100%H <sub>2</sub> O
Length	28AA
Modification	acetate salt
Molecular Weight (MW)	2914.15
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2913.90	Conforms
Purity by HPLC	>95%	96.188%
Peptide content	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	25mg	5.0mg*5

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/20/2024



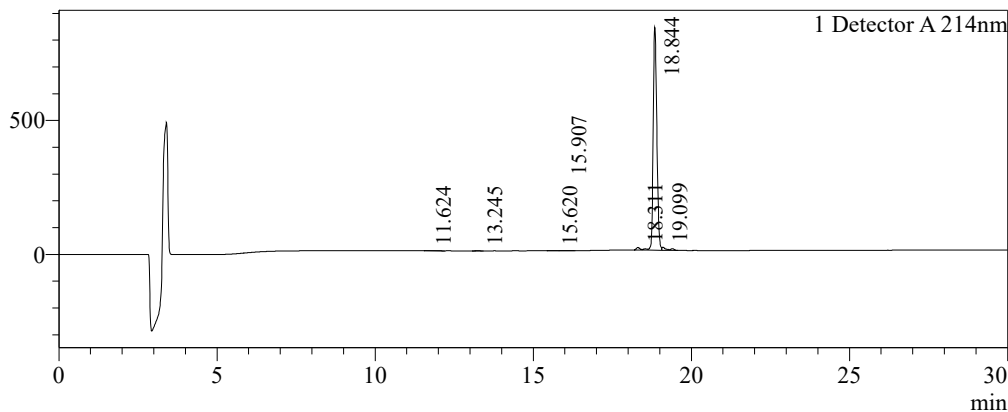
### Sample Information

Order ID :MTFA31849-8  
 Name :p28  
 Sequence :LSTAADMQGVVTDGMASGLDKDYLPDD (Acetate Salt)  
 Lot. No :MTFA31849-8-0918  
 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 : 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

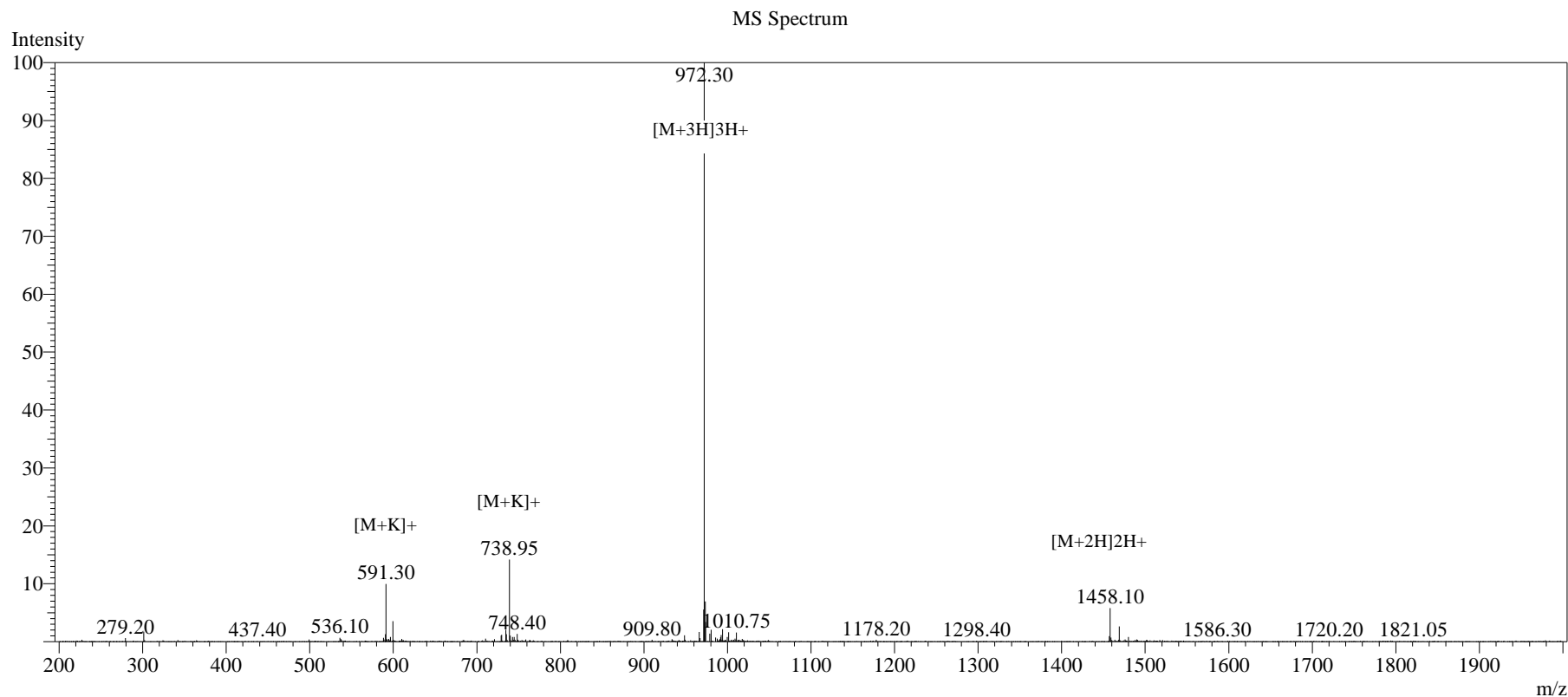
mV



### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	11.624	1692	173	0.024
2	13.245	1825	294	0.026
3	15.620	2069	227	0.030
4	15.907	7049	676	0.102
5	18.311	112064	9751	1.618
6	18.844	6662868	832268	96.188
7	19.099	139381	11326	2.012
Total		6926948	854714	100.000



### Sample Information

Dissolution method	:15%ACN+85%H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/09/19 13:22:34	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	:MTFA31849-8
Name	:p28
Sequence	:LSTAADMQGVVTDGMASGLDKDYLKPDD (Acetate Salt)
Lot.No	:MTFA31849-8-0918
Theoretical	:2914.15
Observed	:2913.90