

## CERTIFICATE OF ANALYSIS

Product Name	QP5, Cat.#: 319508 (TFA removed)
Lot No.	MTFA32685-0411
Sequence	QPYQPVQPHQPMQPQTKREEVD (Acetate Salt)
Dissolution condition	100%H <sub>2</sub> O
Length	22AA
Modification	acetate salt
Molecular Weight (MW)	2660.94
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2661.40	Conforms
Purity by HPLC	>95%	95.913%
TFA 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	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:



Apr/15/2025

Quality Assurance Department

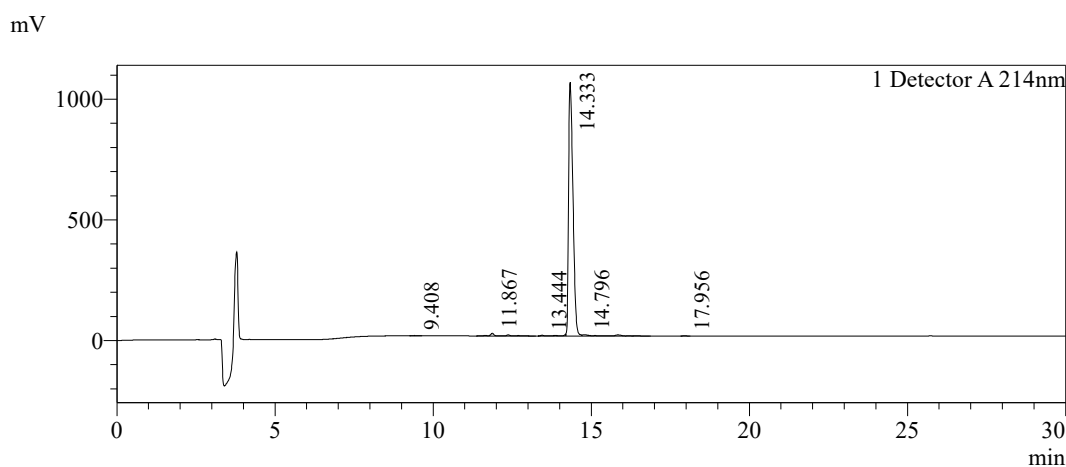


### Sample Information

Order ID :MTFA32685  
 Name :QP5  
 Sequence :QPYQPVQPHQPMQPQTKREEVD (Acetate Salt)  
 Lot. No :MTFA32685-0411  
 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	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

### Chromatogram

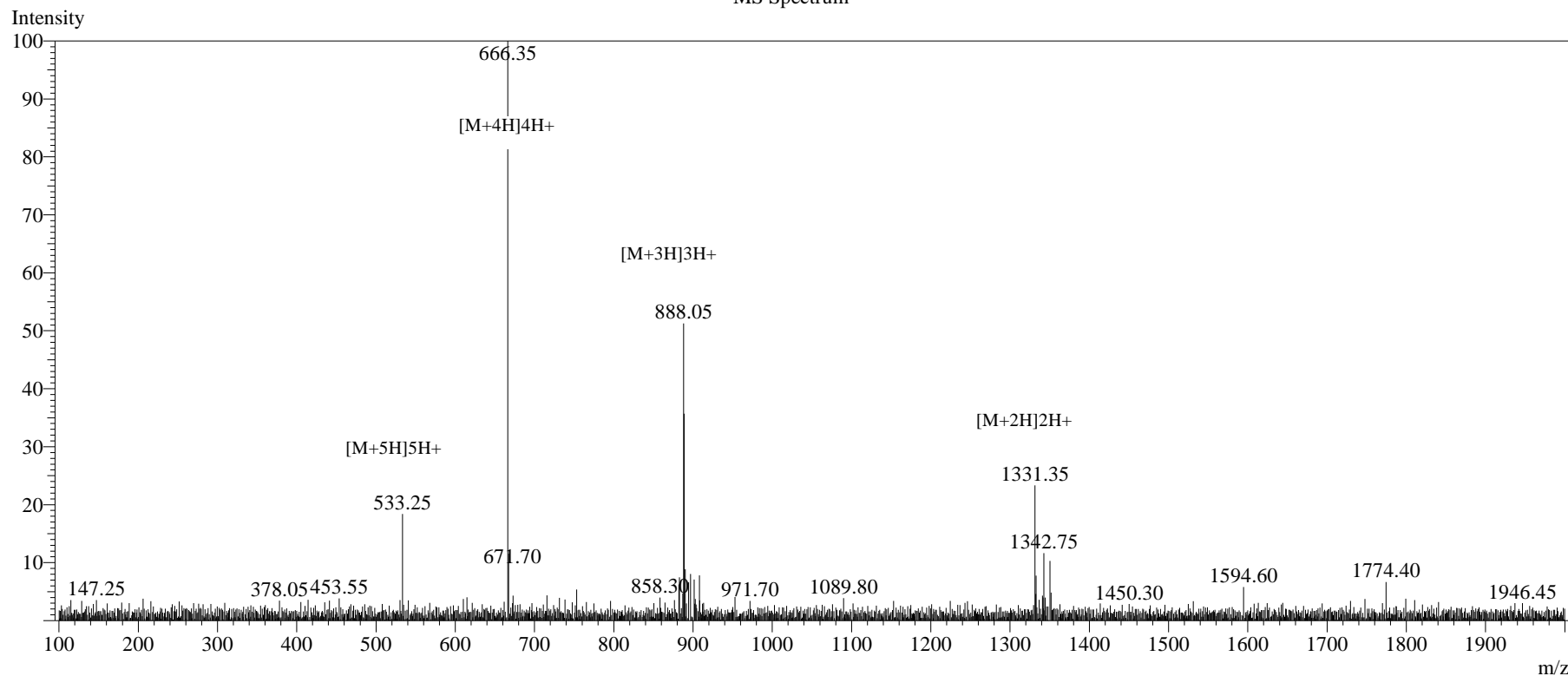


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.408	7696	1020	0.073
2	11.867	157015	10842	1.485
3	13.444	74227	2975	0.702
4	14.333	10142969	1051196	95.913
5	14.796	186699	5236	1.765
6	17.956	6535	993	0.062
Total		10575141	1072262	100.000

# MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/04/14 15:00:43	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	:MTFA32685
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Lot.No	:MTFA32685-0411
Theoretical	:2660.94
Observed	:2661.40