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**CERTIFICATE OF ANALYSIS**


<b>Product Name</b>	Peg MGF, Cat.#: 300016 (TFA removed)
<b>Lot No.</b>	MTFB20665-02-260323
<b>Sequence</b>	PEG2-YQPPSTNKNTKSQRRKGSTFEEHK-NH2 (Acetate Salt)
<b>Dissolution condition</b>	100%H2O
<b>Modification</b>	Acetate Salt
<b>Molecular Weight (MW)</b>	2993.27
<b>Storage</b>	-20°C

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<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	2993.80	Conforms
<b>Purity by HPLC</b>	>95%	95.143%
<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>	10 mg	5.0mg*2

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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:   
Quality Assurance Department

May/20/2026

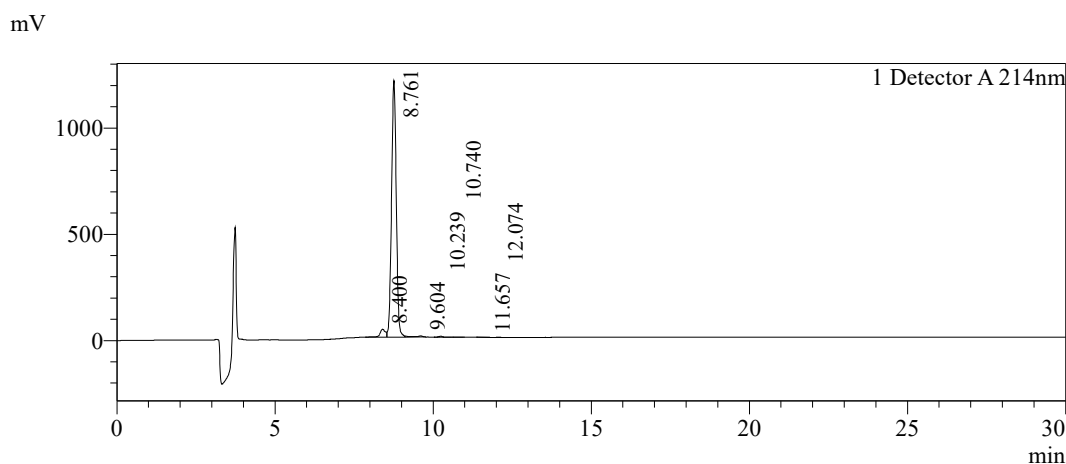


### Sample Information

Order ID :MTFB20665-02  
 Name :Peg MGF, Cat.#: 300016 (TFA removed)  
 Sequence :PEG2-YQPPSTNKNTKSQRRKGSTFEEHK-NH2(Acetate Salt)  
 Lot. No :MTFB20665-02-260323  
 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	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

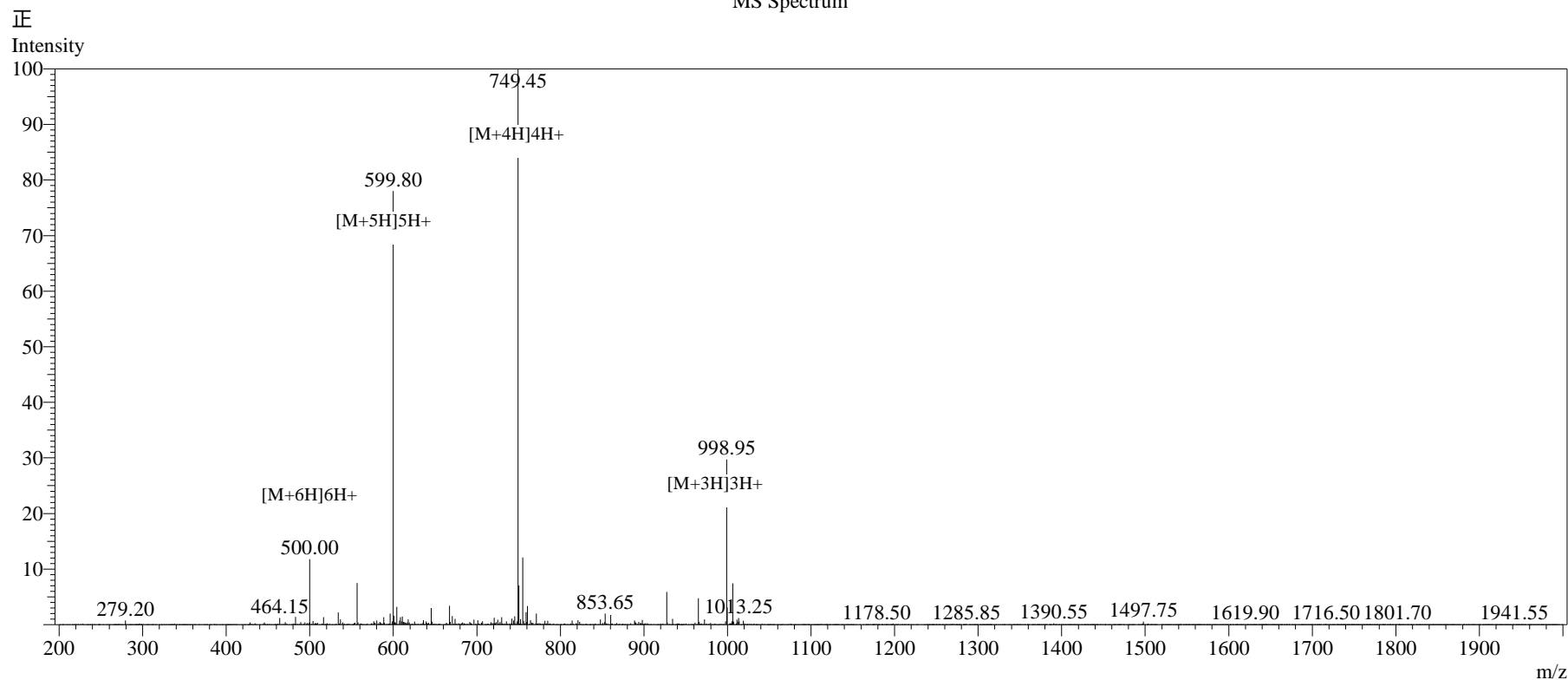


### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.400	468984	37644	3.556
2	8.761	12548248	1207254	95.143
3	9.604	109231	5417	0.828
4	10.239	40620	5105	0.308
5	10.740	10720	1126	0.081
6	11.657	9892	848	0.075
7	12.074	1134	191	0.009
Total		13188829	1257584	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 13:17:45	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

Order ID	:MTFB20665-02
Name	:Peg MGF, Cat.#: 300016 (TFA removed)
Sequence	:PEG2-YQPPSTNKNTKSQRKRGSTFEEHK-NH <sub>2</sub> (Acetate Salt)
Lot.No	:MTFB20665-02-260323
Theoretical	:2993.27
Observed	:2993.80