CERTIFICATE OF ANALYSIS

Product Name self-assembling P11-4, Cat.#: 319744 (TFA removed)

Lot No. MTFA32861-250526

Sequence Ac-QQRFEWEFEQQ-NH2 (Acetate Salt)

Dissolution condition 100%H2O

Length AA

Modification acetate salt

Molecular Weight (MW) 1595.69

Storage -20°C

Test Items	Specifications	Results
MW by MS	1595.70	Conforms
Purity by HPLC	>95%	95.105%
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	10mg	5.0mg*2

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:

thinks.

May/29/2025

Quality Assurance Department



Sample Information

Order ID :MTFA32861

:self-assembling P11-4 Name

:Ac-QQRFEWEFEQQ-NH2 (Acetate Salt) Sequence

Lot. No :MTFA32861-250526

Pump A :0.1%Trifluoroacetic in 100% water Pump B :0.1%Trifluoroacetic in 100% acetonitrile

Total Flow :1ml/min Wavelength :214nm

:Kromasil 100-5-C18 (4.6*250mm*5 μm) :2%NH3.H2O+18%ACN+80%H2O Analytial column type

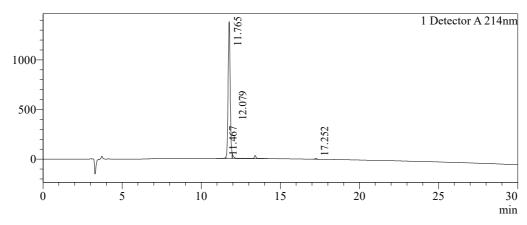
Dissolution method

Inj. Volume : 40ul

Time Module Value Action 0.01 **Pumps B.Conc** 20 30.00 50 **Pumps B.Conc** 33.00 Pumps B.Conc 100 38.00 Pumps B.Conc 100 B.Conc 20 40.00 Pumps 50.00 Controller Stop

Chromatogram





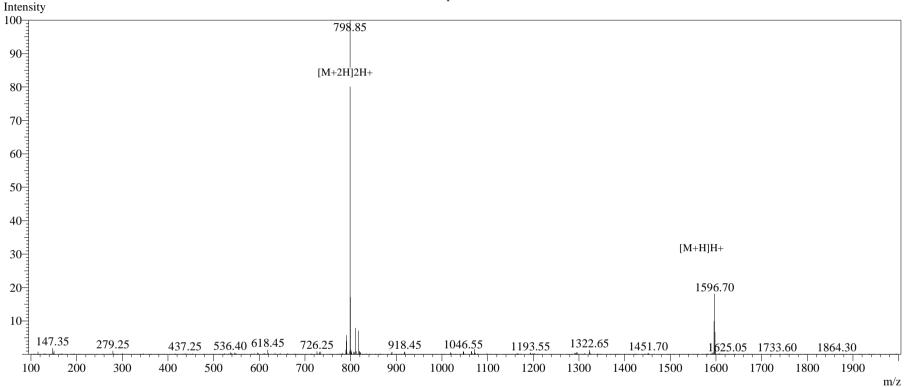
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%				
1	11.467	61578	2971	0.465				
2	11.765	12607646	1373724	95.105				
3	12.079	530705	10492	4.003				
4	17.252	56653	8082	0.427				
Total		13256582	1395269	100.000				



MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/05/28 11:16:53	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% H2O/50% MEOH

Order ID :MTFA32861

:self-assembling P11-4 Name

:Ac-QQRFEWEFEQQ-NH2 (Acetate Salt) :MTFA32861-250526 Sequence Lot.No

:1595.69 Theoretical Observed :1595.70