

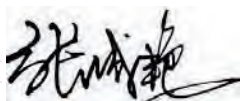
CERTIFICATE OF ANALYSIS

Product Name	Thanatin peptide, Cat.#: 309243 (TFA removed)
Lot No.	MTFB20359-02
Sequence	GSKKPVPPIYC*NRRTGKC*QRM (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	21AA
Modification	Acetate salt; disulfide bond: Cys11-Cys18
Molecular Weight (MW)	2433.96
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2434.00	Conforms
Purity by HPLC	>95%	98.571%
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	50mg	5.0mg*10

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

Dec/12/2025



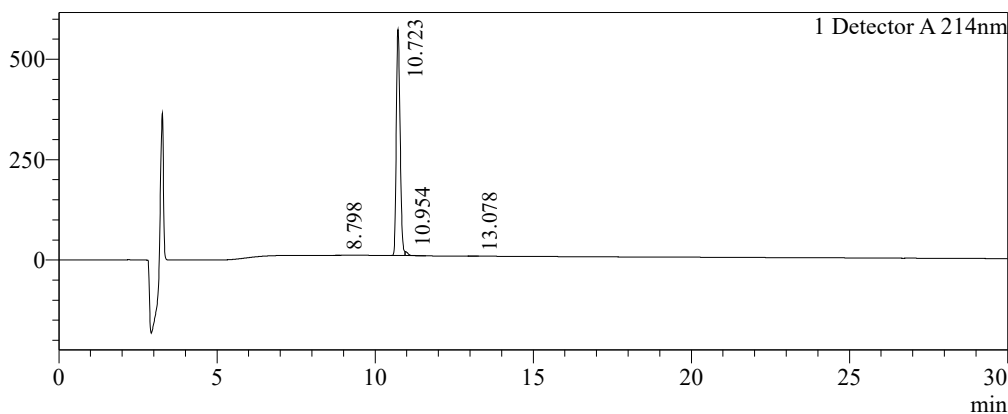
Sample Information

Order ID :MTFB20359
Name :Thanatin peptide
Sequence :GSKKPVPPIYC*NRRTGKC*QRM (Acetate Salt)
Lot. No :MTFB20359-02
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 : 15ul

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

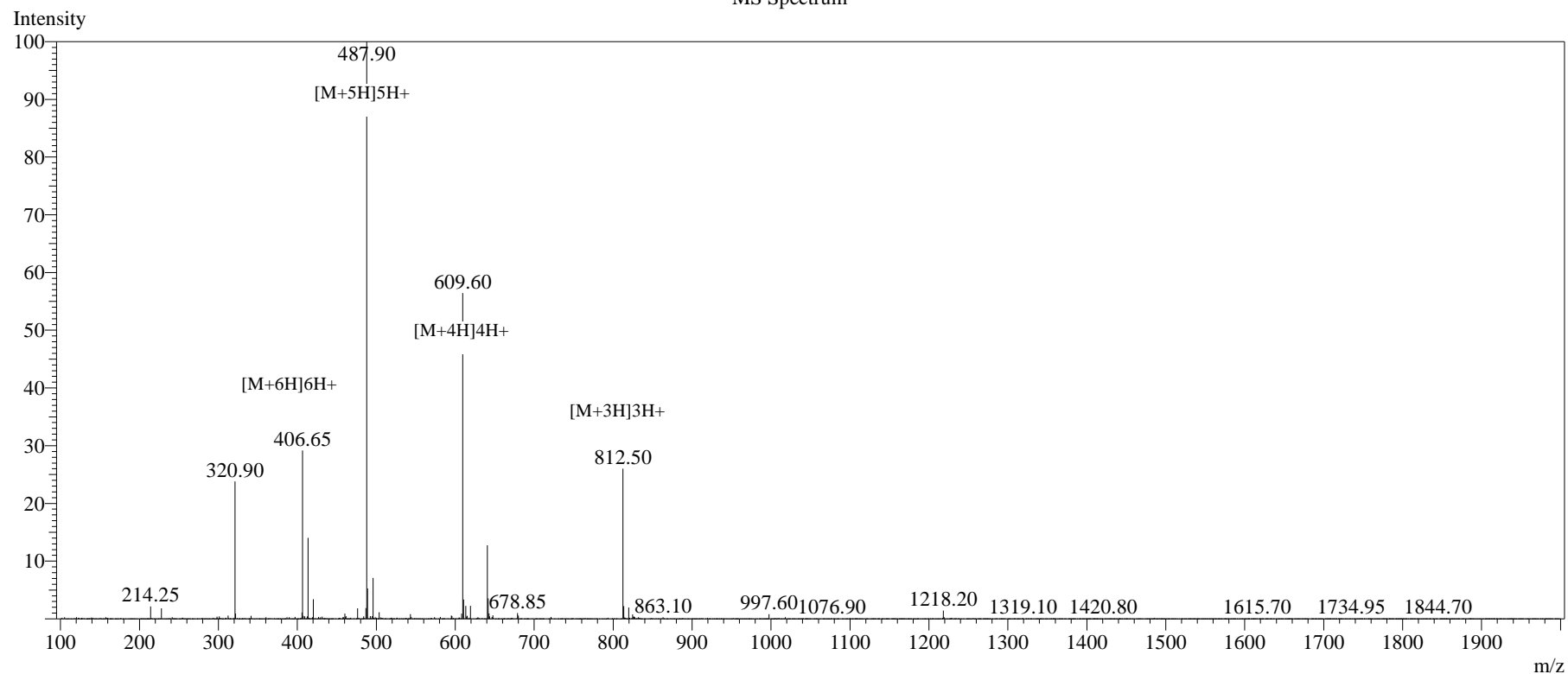


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	8.798	3865	594	0.080
2	10.723	4741294	562886	98.571
3	10.954	62506	10075	1.299
4	13.078	2374	337	0.049
Total		4810038	573892	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/12/11 10:21:18	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 ₂ O/50% ME OH
Order ID	:MTFB20359				
Name	:Thanatin peptide				
Sequence	:GSKKPVPPIYC*NRRTGKC*QRM (Acetate Salt)				
Lot.No	:MTFB20359-02				
Theoretical	:2433.96				
Observed	:2434.50				