
CERTIFICATE OF ANALYSIS

Product Name	Thymosin alpha 1, Cat.#: 318859 (TFA removed)
Lot No.	MTFB20410-251225
Sequence	Ac-SDAAVDTSSSEITTKDLKEKKEVVEEAEN (Desalt)
Dissolution condition	100%H2O
Modification	Desalt
Molecular Weight (MW)	3108.26
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3108.60	Conforms
Purity by HPLC	>98%	98.558%
Endotoxin Content	N/A	N/A
TFA solubility	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	10 mg	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:



Dec/30/2025

Quality Assurance Department

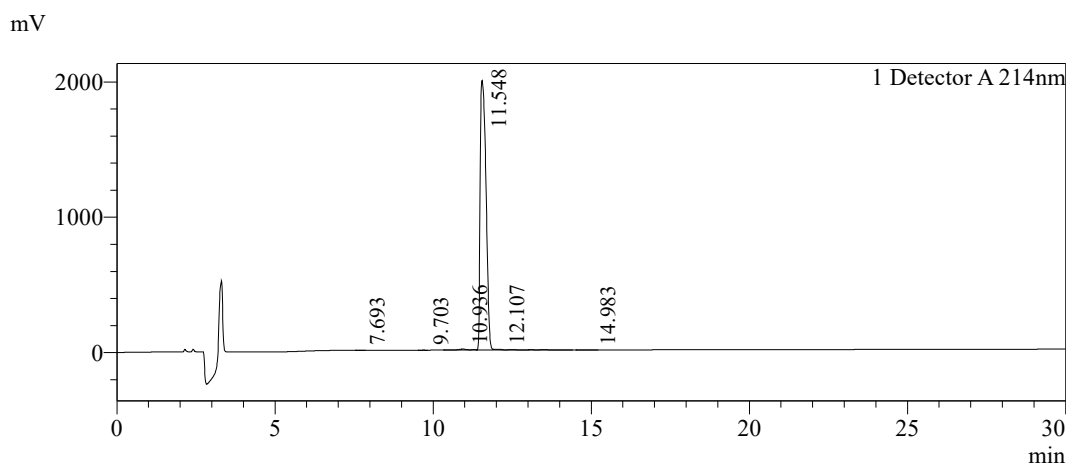


Sample Information

Order ID :MTFB20410
 Name :Thymosin alpha 1
 Sequence :Ac-SDAAVDTSSSEITTKDLKEKKEVVEEAEN (Desalt)
 Lot. No :MTFB20410-251225
 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	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	

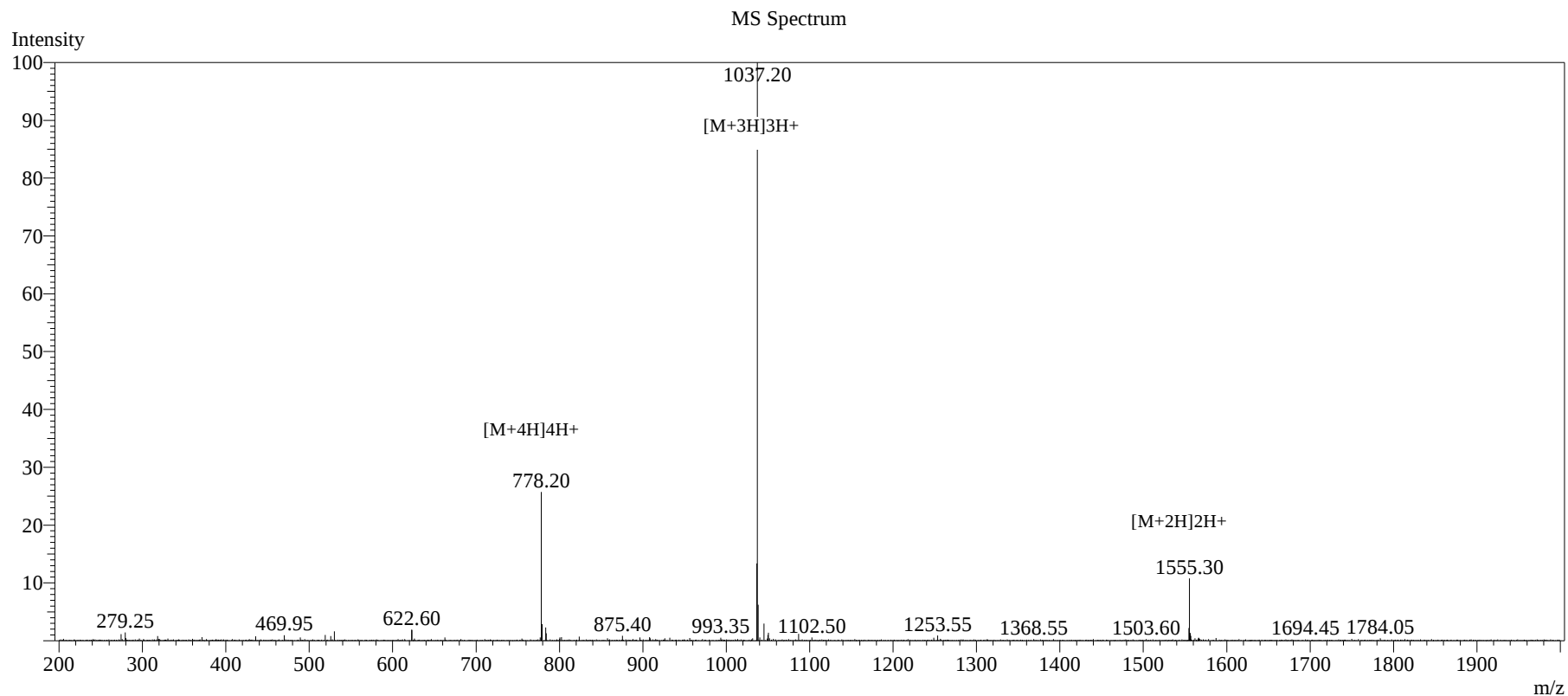
Chromatogram



Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.693	2902	374	0.011
2	9.703	1603	175	0.006
3	10.936	160074	7122	0.616
4	11.548	25599994	1992374	98.558
5	12.107	206717	5237	0.796
6	14.983	3282	167	0.013
Total		25974573	2005449	100.000



Sample Information

Dissolution method	:15%ACN+85%H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/12/29 15:40:31	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%MEOH
Order ID	:MTFB20410				
Name	:Thymosin alpha 1				
Sequence	:Ac-SDAAVDTSSEITTKDLKEKKEVVVEEAEN(Desalt)				
Lot.No	:MTFB20410-251225				
Theoretical	:3108.26				
Observed	:3108.60				