


CERTIFICATE OF ANALYSIS

Product Name	Thymosin Alpha 1 peptide (TFA removed), Cat.#: 318859
Lot No.	MTFA30237-0627
Sequence	Ac-SDAAVDTSSSEITTKDLKEKKEVVEEAEN
Dissolution condition	100%H ₂ O
Length	28AA
Modification	TFA removed
Molecular Weight (MW)	3108.26
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3107.48	Conforms
Purity by HPLC	>95%	97.800%
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

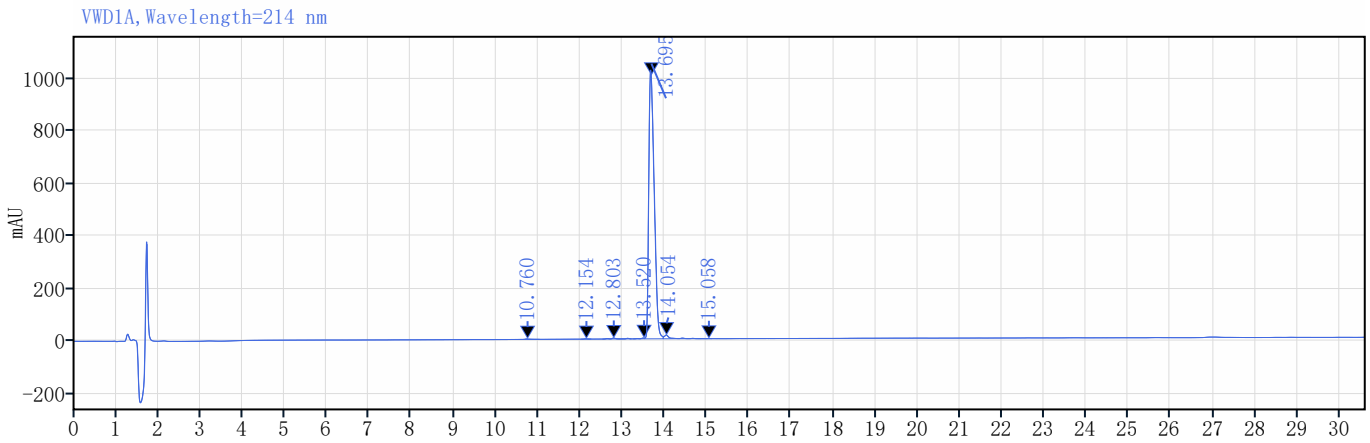
July/03/2023



Single Injection Report



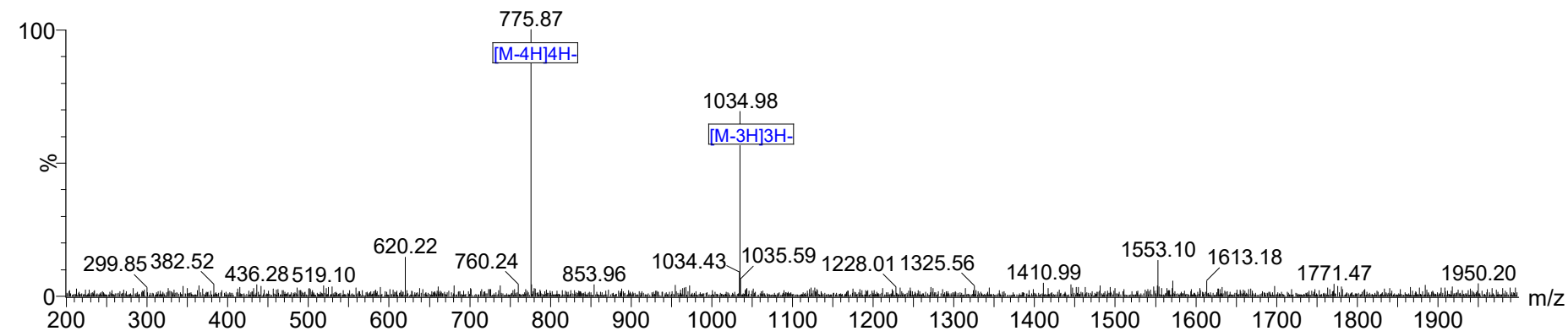
Data file:	MTFA30237P-50.dx	Project Name:	Peptide
Sequence Name:	SingleSample	Operator:	wanqianwen
Sample name:	MTFA30237-0627	Injection date:	2023-06-30 10:02:53+08:00 P1
Instrument:	LC-LEFT	Location:	-C4
Inj. volume:	15.000	Type:	Sample
Acq. method:	25-45-55-30min-20ping.amx	Sample amount:	0.00
Processing method:	GC_LC Area%_DefaultMethod.pmx		
Manually modified:	Manual Integration		



Signal: VWD1A,Wavelength=214 nm

RT [min]	Type	Width [min]	Area	Height	Area%	Name
10.760	MM m	0.12	11.03	1.53	0.12	
12.154	MM m	0.10	5.02	0.86	0.05	
12.803	MM m	0.20	38.99	2.66	0.42	
13.520	MM m	0.11	18.40	2.90	0.20	
13.695	MM m	0.15	9117.47	1003.87	97.80	
14.054	MM m	0.17	131.01	13.15	1.41	
15.058	MM m	0.08	0.73	0.16	0.01	
in total			9322.66			

MS Spectrum

 Positive
Intensity


7

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:7/1/2023 4:53:24 PM	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

Order ID	: MTF A30237
Name	: Thymosin Alpha 1 peptide
Sequence	: Ac-SDAAVDTSS EITTKDLKEKKEVVEEAEN (Desalt)
Lot.No	: MTF A30237-0627
Theoretical	: 3108.26
Observed	: 3107.48