

CERTIFICATE OF ANALYSIS

Product Name	Hemorphin-7, Hemoglobin beta chain [035-041] peptide, Cat.#: 307586
Lot No.	MTFA31269-0418
Sequence	YPWTQRF
Dissolution condition	100%H2O
Length	7AA
Modification	N/A
Molecular Weight (MW)	997.11
Storage	-20°C

Test Items	Specifications	Results
MW by MS	997.10	Conforms
Purity by HPLC	>95%	98.210%
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	80mg	5.0mg*16

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

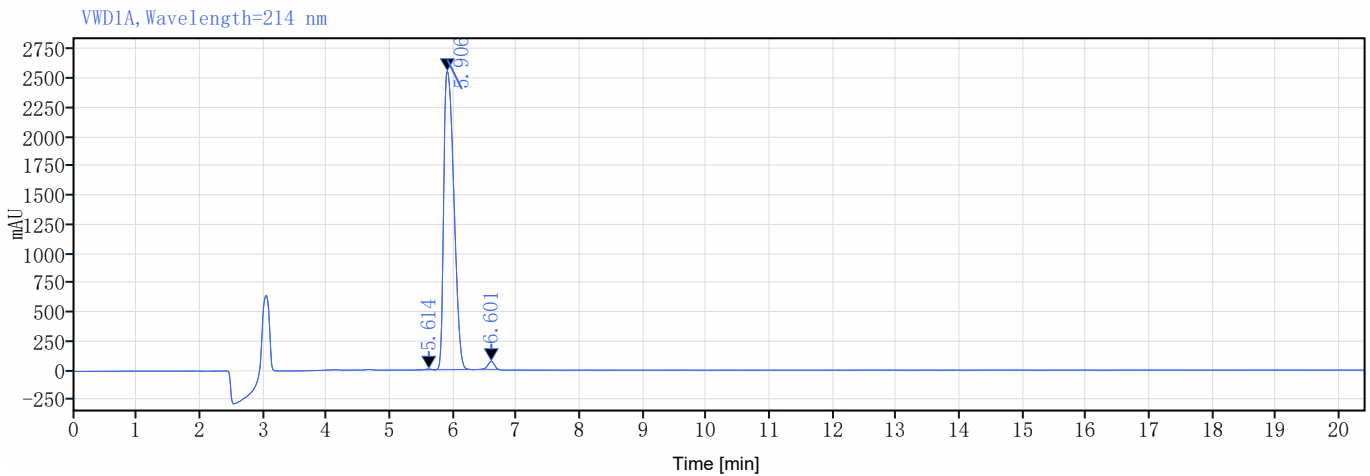
Apr/22/2024



Single Injection Report



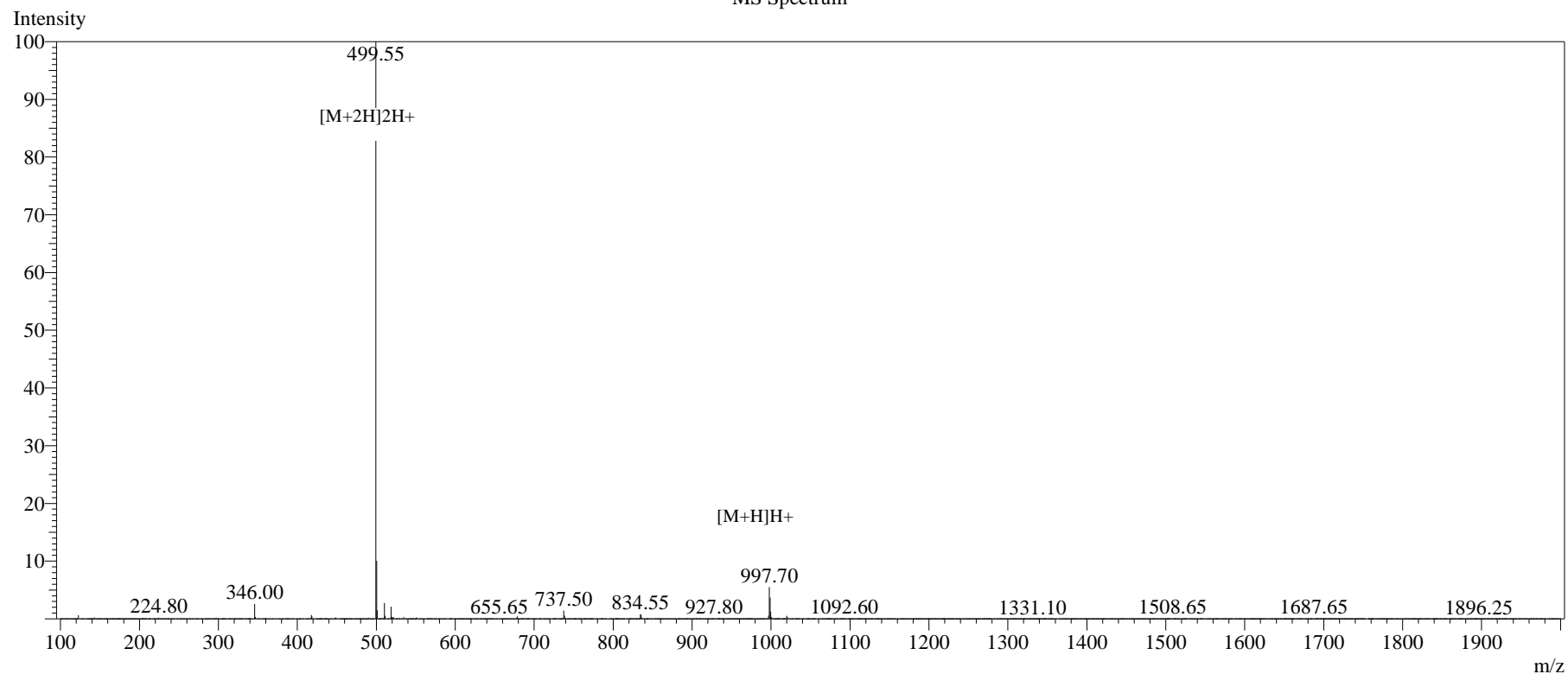
Data file:	MTFA31269P.dx	Project Name:	Peptide
Sequence Name:	SingleSample	Operator:	liuyu
Sample name:	MTFA31269P	Injection date:	2024-03-15 10:22:37+08:00 P1
Instrument:	1260-VWD	Location:	-F1
Inj. volume:	30.000	Type:	Sample
Acq. method:	25-45.amx	Sample amount:	0.00
Processing method:	Method(4-20).pmx		
Manually modified:	Manual Integration		



Signal: VWD1A,Wavelength=214 nm

RT [min]	Type	Width [min]	Area	Height	Area%	Name
5.614	MM r	0.10	37.47	6.14	0.13	
5.906	MM r	0.18	28434.84	2550.51	98.21	
6.601	MM r	0.11	481.49	67.51	1.66	
	Sum		28953.80			

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/03/15 14:00:53	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% H ₂ O/50% MEOH

Order ID	:MTFA31269
Name	:Hemorphin-7
Sequence	:YPWTQRF
Lot.No	:MTFA31269-0418
Theoretical	:997.11
Observed	:997.10