

CERTIFICATE OF ANALYSIS

Product Name	Cardiogen/AEDR peptide, Cat.#: 319695
Lot No.	MTFB20975-260630
Sequence	AEDR
Dissolution condition	100%H2O
Modification	N/A
Molecular Weight (MW)	489.47
Storage	-20°C

Test Items	Specifications	Results
MW by MS	489.45	Conforms
Purity by HPLC	>95%	97.275%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	100.0mg	5.0mg*20

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:



Jul/03/2026

Quality Assurance Department

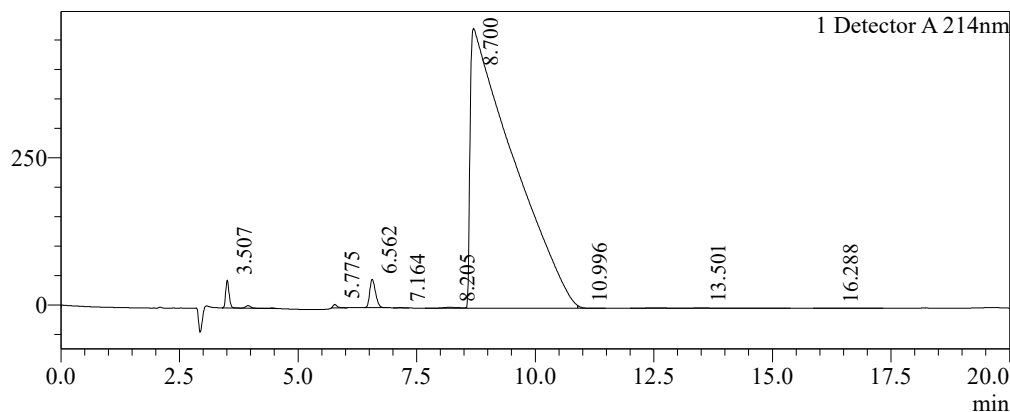


Sample Information

Order ID	:MTFB20975		
Name	:Cardiogen/AEDR peptide, Cat.#: 319695		
Sequence	:AEDR		
Lot. No	:MTFB20975-260630		
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	0.1
20.00	Pumps	B.Conc	0.1
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	0.1
50.00	Controller	Stop	

Chromatogram

mV

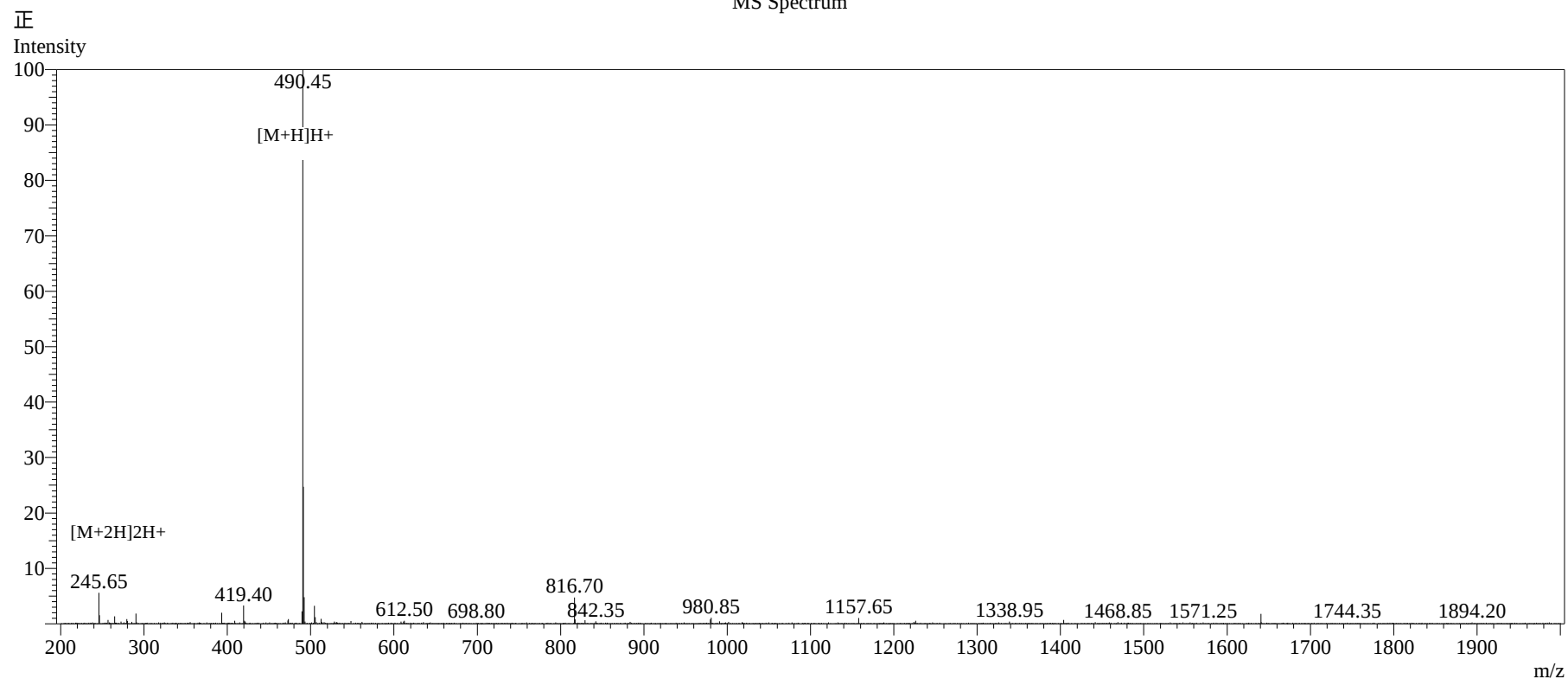


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	3.507	270858	46609	0.880
2	5.775	36379	5806	0.118
3	6.562	406858	48051	1.322
4	7.164	2896	321	0.009
5	8.205	34177	1400	0.111
6	8.700	29936626	475124	97.275
7	10.996	19823	1256	0.064
8	13.501	58978	956	0.192
9	16.288	8778	233	0.029
Total		30775374	579756	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/07/02 14:26:25	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

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Theoretical	:489.47
Observed	:489.45