
CERTIFICATE OF ANALYSIS

Product Name	Cardiogen/AEDR peptide, Cat.#: 319695(TFA removed)
Lot No.	MTFB20568-04-260225
Sequence	AEDR
Dissolution condition	100%H ₂ O
Modification	N/A
Molecular Weight (MW)	489.47
Storage	-20°C

Test Items	Specifications	Results
MW by MS	489.40	Conforms
Purity by HPLC	>95%	97.651%
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	40 mg	5.0mg*8

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:



Mar/02/2026

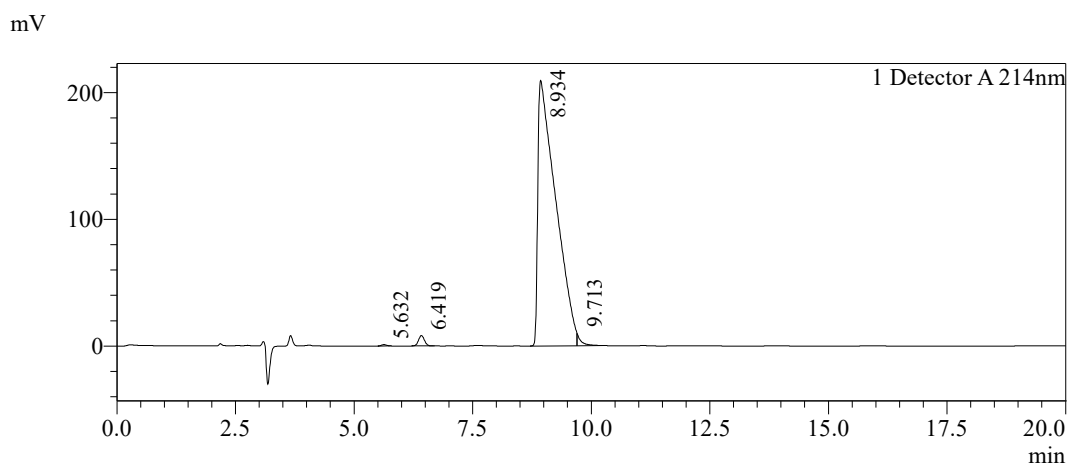
Quality Assurance Department



Sample Information

Order ID	:MTFB20568-04		
Name	:Cardiogen peptide		
Sequence	:AEDR		
Lot. No	:MTFB20568-04-260225		
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	: 10ul		
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

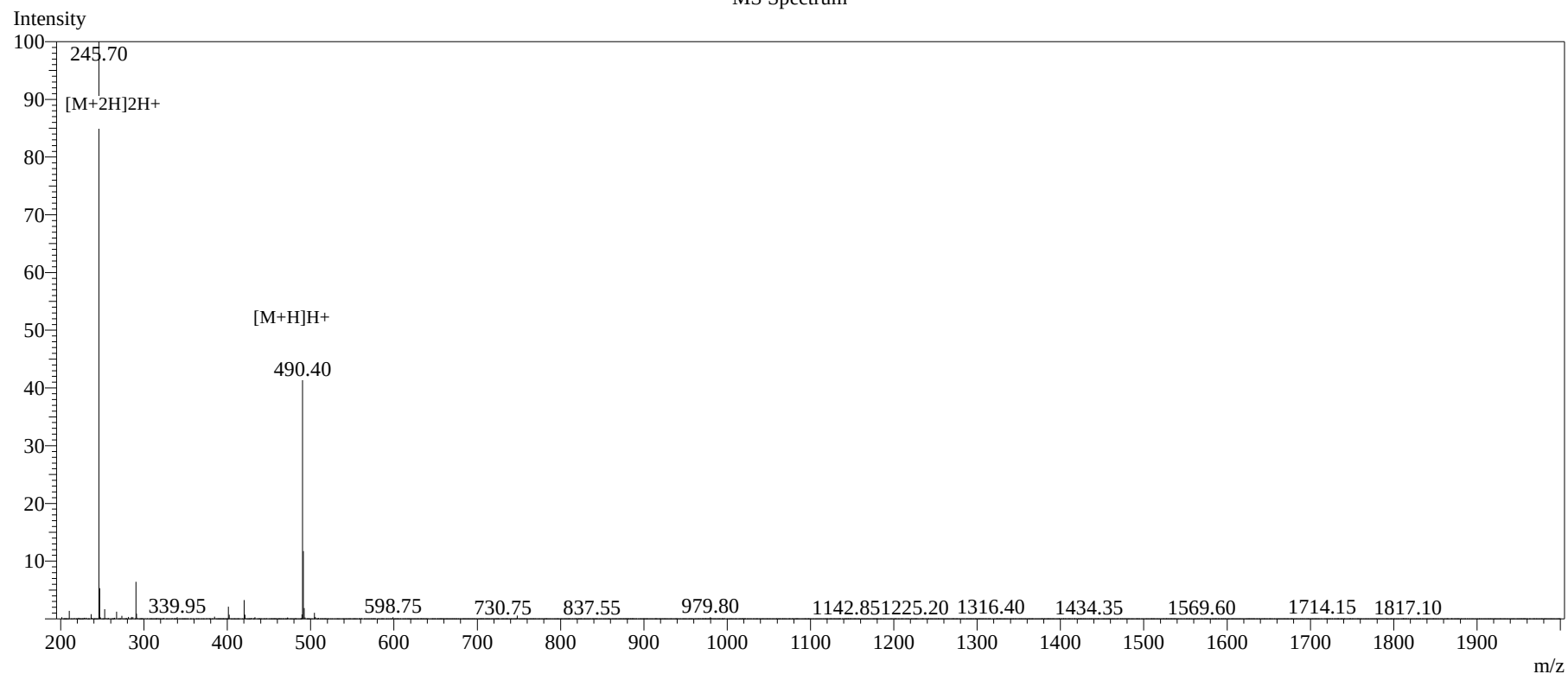


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	5.632	7759	1054	0.138
2	6.419	71855	8228	1.276
3	8.934	5499496	209419	97.651
4	9.713	52685	8971	0.935
Total		5631794	227671	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/02/27 09:57:53	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%H2O/50%MEOH
Order ID	:MTFB20568-04				
Name	:Cardiogen peptide				
Sequence	:AEDR				
Lot.No	:MTFB20568-04-260225				
Theoretical	:489.47				
Observed	:489.40				