


CERTIFICATE OF ANALYSIS

Product Name	Latarcin 2a peptide, Cat.# 313852
Lot No.	MTFA30179-0526
Sequence	GLFGKLIKKFGRKAISYAVKKARGKH
Dissolution condition	100%H ₂ O
Length	26AA
Modification	N/A
Molecular Weight (MW)	2902.55
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2902.72	Conforms
Purity by HPLC	>95%	98.030%
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	10mg	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:



Quality Assurance Department

June/20/2023

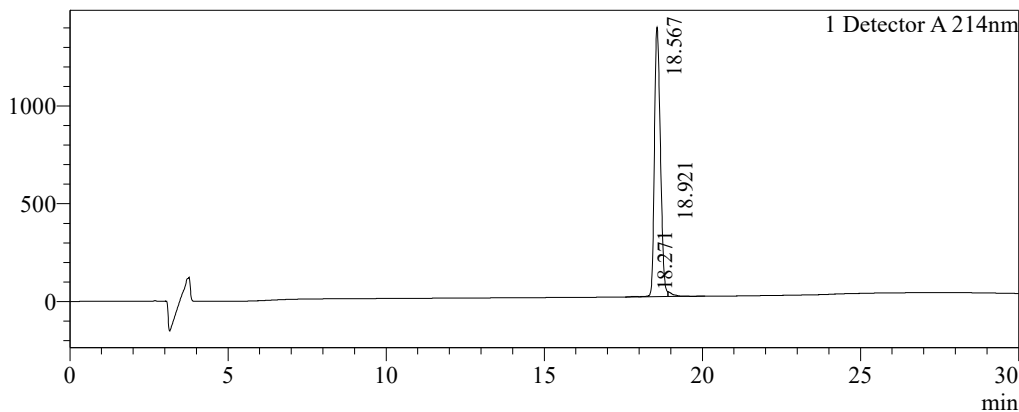


Sample Information

Order ID	:MTFA30179		
Name	:Latarcin 2a peptide, Cat.# 313852		
Sequence	:GLFGKLIKKFGRKAISYAVKKARGKH		
Lot. No	:MTFA30179-0526		
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	:Shim-pack GIST C18(4.6*250mm*5um)		
Dissolution method	:100%H2O		
Inj. Volume	: 20ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	20
30.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	20
50.00	Controller	Stop	

Chromatogram

mV

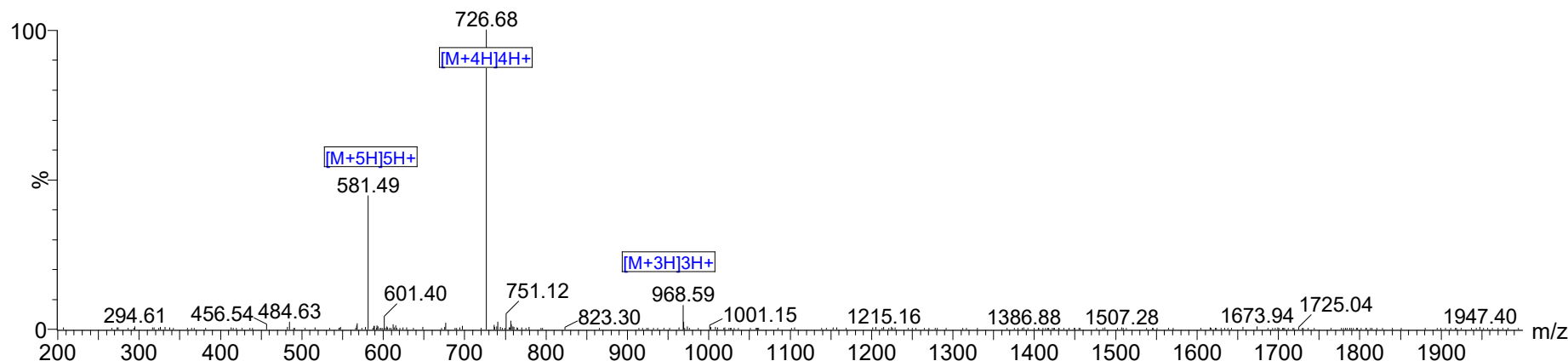


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	18.271	76408	3456	0.413
2	18.567	18141709	1378145	98.030
3	18.921	288123	24352	1.557
Total		18506241	1405953	100.000

MS Spectrum

Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:6/15/2023 3:35:22	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 A30179				
Name	: Latarcin 2a peptide, Cat.# 313852				
Sequence	: GLFGKLIKKFGRKAISYAVKKARGKH				
Lot.No	: MTF A30179-0526				
Theoretical	: 2902.55				
Observed	: 2902.72				