


CERTIFICATE OF ANALYSIS

Product Name	Polybia-MPI(Cat.#301054), TFA removed
Lot No.	GTA34285-0607
Sequence	IDWKKLLDAAKQIL-NH ₂ (Acetate Salt)
Dissolution condition	30%ACN+70%H ₂ O
Length	14AA
Modification	acetate salt
Molecular Weight (MW)	1654.00
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1653.90	Conforms
Purity by HPLC	>95%	99.037%
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	100mg	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:



Quality Assurance Department

June/13/2023

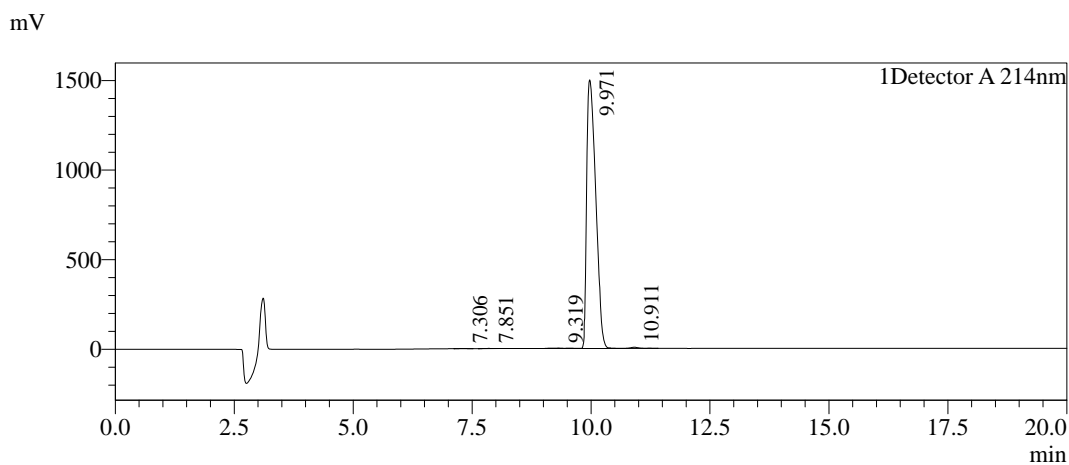


Sample Information

Order ID :GTA34285
 Name :Polybia-MPI
 Sequence :IDWKKLLDAAKQIL-NH2(Acetate Salt)
 Lot. No :GTA34285-0607
 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 :YMC-Triart C18(4.6*250mm*5um)
 Dissolution method :30% ACN+70% H2O
 Inj. Volume : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	35
20.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

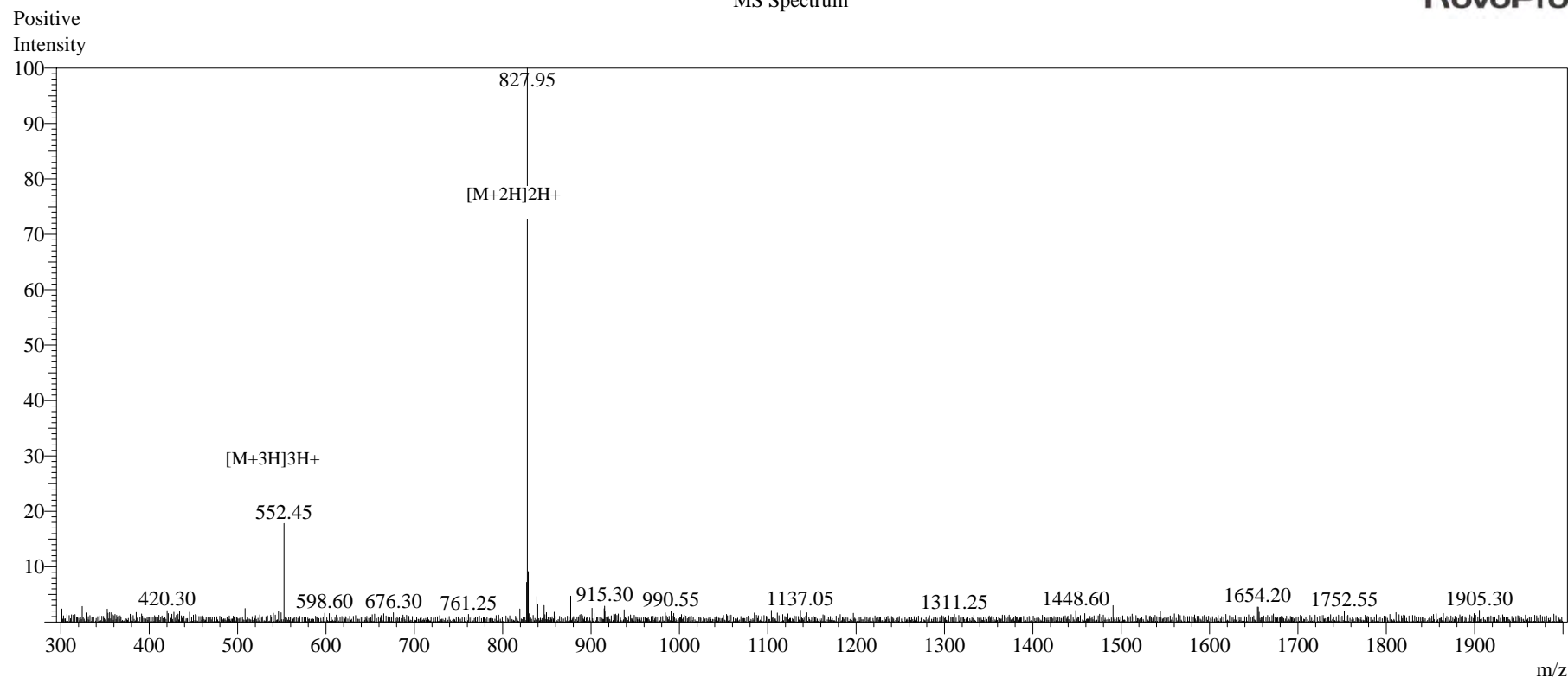


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	7.306	10327	1143	0.051
2	7.851	9383	993	0.047
3	9.319	66642	2293	0.332
4	9.971	19861022	1498453	99.037
5	10.911	106807	6724	0.533
Total		20054181	1509604	100.000

MS Spectrum



Sample Information

Dissolution method	:30% ACN+70% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2022/06/10 09:36:48	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% H ₂ O/50% MEOH
Order ID	:GTA34285				
Name	:Polybia-MPI				
Sequence	:IDWKLLDAAKQIL-NH ₂ (Acetate Salt)				
Lot.No	:GTA34285-0607				
Theoretical	:1654.00				
Observed	:1653.90				