


CERTIFICATE OF ANALYSIS

Product Name	Polybia-MPI(Cat.#301054), TFA removed
Lot No.	GTA33758-2-1013
Sequence	IDWKKLLDAAKQIL-NH2(Desalt)
Dissolution condition	100%H2O
Length	14AA
Modification	TFA Removal
Molecular Weight (MW)	1654.00
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1654.00	Conforms
Purity by HPLC	>95%	98.727%
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	1.5g	300.0mg*5

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

Oct/27/2021

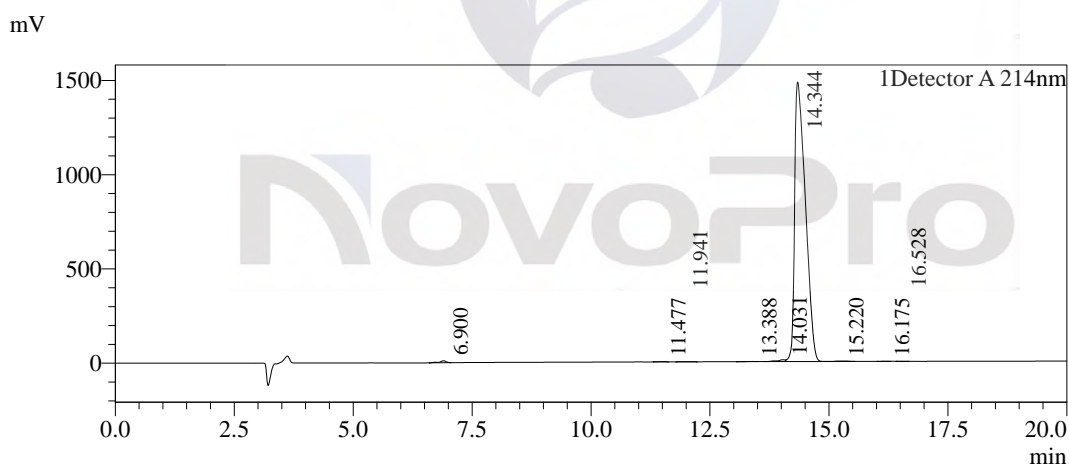


Sample Information

Order ID :GTA33758-2
 Name :N/A
 Sequence :IDWKKLLDAAKQIL-NH2(Desalt)
 Lot. No :GTA33758-2-1013
 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 :100% H2O
 Inj. Volume : 20ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
20.00	Pumps	B.Conc	50
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

Chromatogram

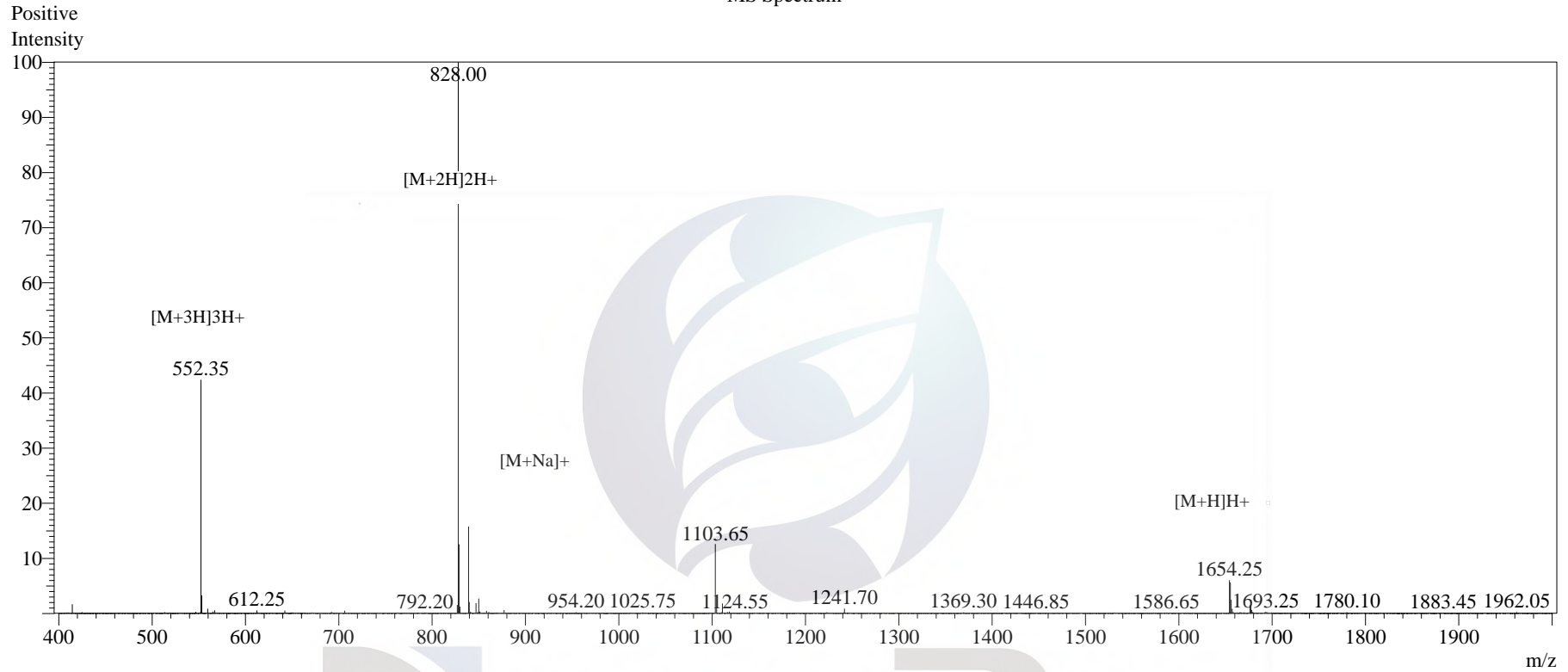


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	6.900	97554	10509	0.412
2	11.477	11327	1115	0.048
3	11.941	14939	1003	0.063
4	13.388	8532	818	0.036
5	14.031	114494	9820	0.483
6	14.344	23402216	1483389	98.727
7	15.220	45595	2396	0.192
8	16.175	5298	637	0.022
9	16.528	4025	504	0.017
Total		23703980	1510192	100.000

MS Spectrum



Sample Information

Dissolution method	:5% HAC+8% ACN+87% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2021/10/23 13:47:12	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	:GTA33758-2
Name	:N/A
Sequence	:IDWKKLLDAAKQIL-NH2(Desalt)
Lot.No	:GTA33758-2-1013
Theoretical	:1654.00
Observed	:1654.00