

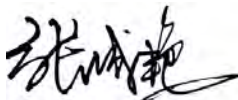
CERTIFICATE OF ANALYSIS

Product Name	Anoplin antimicrobial peptide
Lot No.	GTA33122-1104
Sequence	GLLKRIKTLL-NH2
Dissolution condition	100%H2O
Length	10AA
Modification	N/A
Molecular Weight (MW)	1153.49
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1153.30	Conforms
Purity by HPLC	>90%	97.893%
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	500mg	500.0mg

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

Nov/27/2020

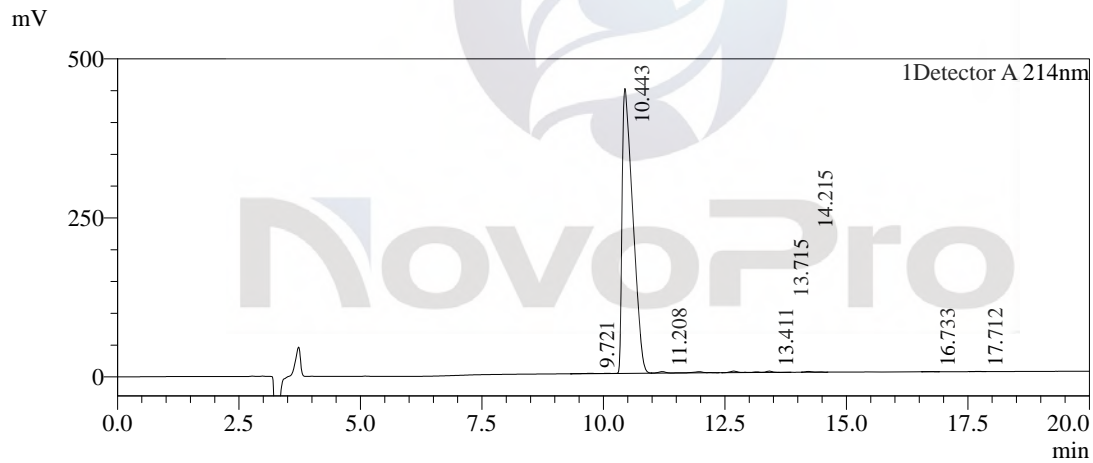


Sample Information

Order ID :GTA33122
 Name :N/A
 Sequence :GLLKRIKTLL-NH2
 Lot. No :GTA33122-1104
 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 :SHIMADZU Inertsil ODS-SP(4.6*250mm*5um)
 Dissolution method :100%H2O
 Inj. Volume : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	25
20.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram



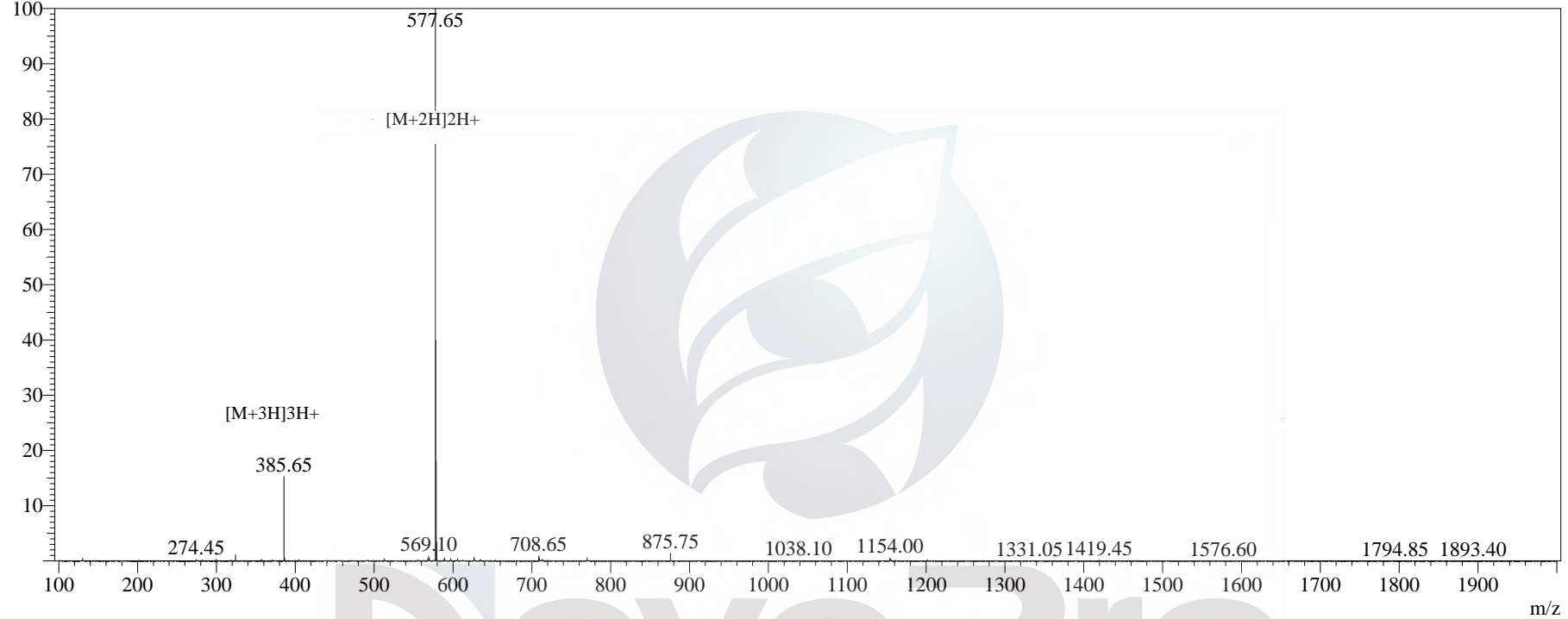
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	9.721	10148	504	0.144
2	10.443	6884140	447939	97.893
3	11.208	60599	2459	0.862
4	13.411	58038	2112	0.825
5	13.715	1446	188	0.021
6	14.215	12437	1159	0.177
7	16.733	2858	304	0.041
8	17.712	2650	257	0.038
Total		7032316	454920	100.000

MS Spectrum

Positive Intensity



Sample Information

Dissolution method :5% HAC+8% ACN+87% H2O
Date Acquired :2020/11/25 16:19:43
Injection Volume :0.2ul
Block Temp :200

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250C
CDL Volt :0v

Prerod Bias :+4.5kv
Detector :-.02kv
T.Flow :0.2ml/min
B.conc :50% H2O/50% MEOH

Order ID :GTA33122
Name :N/A
Sequence :GLLKRIKTLL-NH2
Lot.No :GTA33122-1104
Theoretical :1153.49
Observed :1153.30