

CERTIFICATE OF ANALYSIS

Product Name	Metchnikowin A2 (Cat.#: 304669), TFA removed
Lot No.	MTFA30169-2-0518
Sequence	HRRQGPIFDTRPSPFNPNQPRPGPIY (Acetate salt)
Dissolution condition	100%H ₂ O
Length	26AA
Modification	acetate salt
Molecular Weight (MW)	3045.39
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3045.04	Conforms
Purity by HPLC	>95%	97.613%
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

May/25/2023



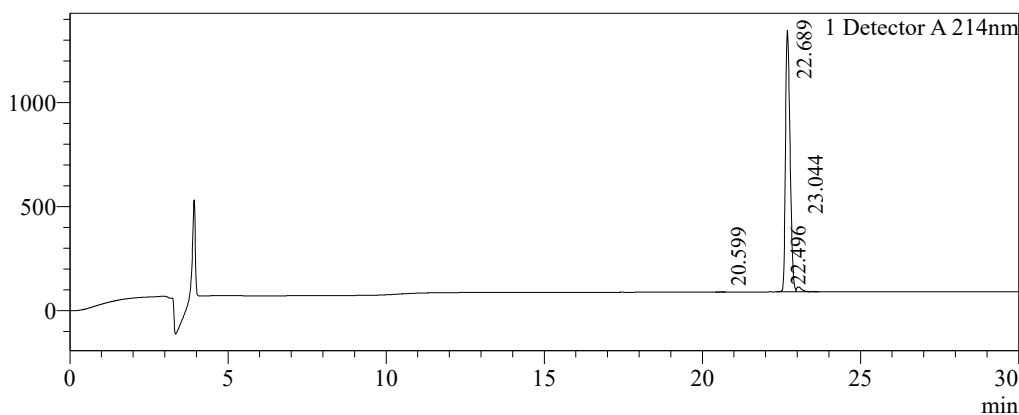
Sample Information

Order ID : MTF30169-2
 Name : Metchnikowin A2
 Sequence : HRRQGPIFDTRPSPFNPNQPRPGPIY(Acetate Salt)
 Lot. No : MTF30169-2-0518
 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 : 25ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

mV

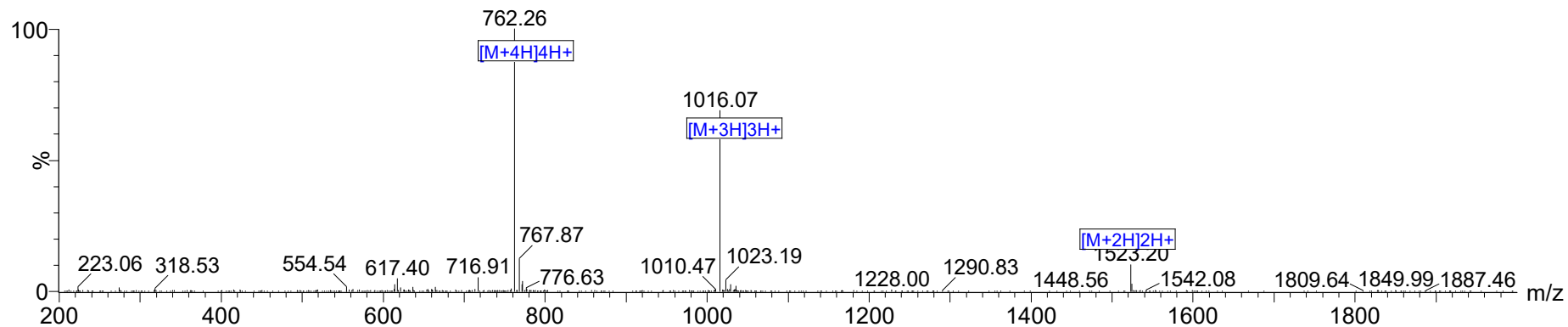


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	20.599	10292	1212	0.079
2	22.496	11797	3048	0.091
3	22.689	12651783	1256727	97.613
4	23.044	287284	23938	2.216
Total		12961155	1284925	100.000

MS Spectrum

 Positive
Intensity


Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:5/25/2023 6:28:28	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 A30169-2
Name	: Metchnikowin A2
Sequence	: HRRQGPIFDTRPSPFNPNQPRPGPIY (Acetate salt)
Lot.No	: MTF A30169-2-0518
Theoretical	: 3045.39
Observed	: 3045.04