

CERTIFICATE OF ANALYSIS

Product Name	Rugosin B, Cat.#: 300042
Lot No.	MTFA32800-250512
Sequence	SLFSLIKAGAKFLGKNLLKQGAQYAAC*KVSKEC*
Dissolution condition	100%H ₂ O
Length	33AA
Modification	N/A
Molecular Weight (MW)	3514.16
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3514.75	Conforms
Purity by HPLC	>95%	95.157%
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	20 mg	5.0mg*4

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:



Jun/19/2025

Quality Assurance Department



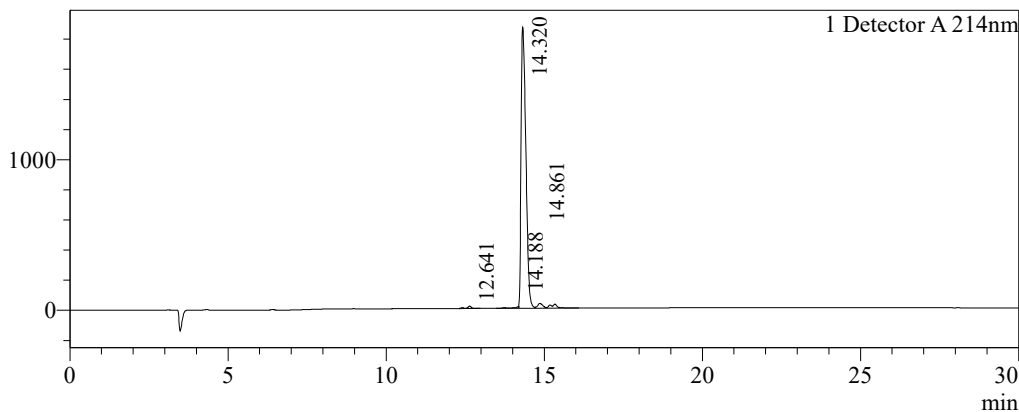
Sample Information

Order ID :MTFA32800
 Name :Rugosin B
 Sequence :SLFSLIKAGAKFLGKNLLKQGAQYAAC*KVSKEC*
 Lot. No :MTFA32800-250512
 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 :Kromasil 100-5-C18 (4.6*250mm*5 µm)
 Dissolution method :100%H₂O
 Inj. Volume : 45ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	30
30.00	Pumps	B.Conc	60
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	30
50.00	Controller	Stop	

Chromatogram

mV

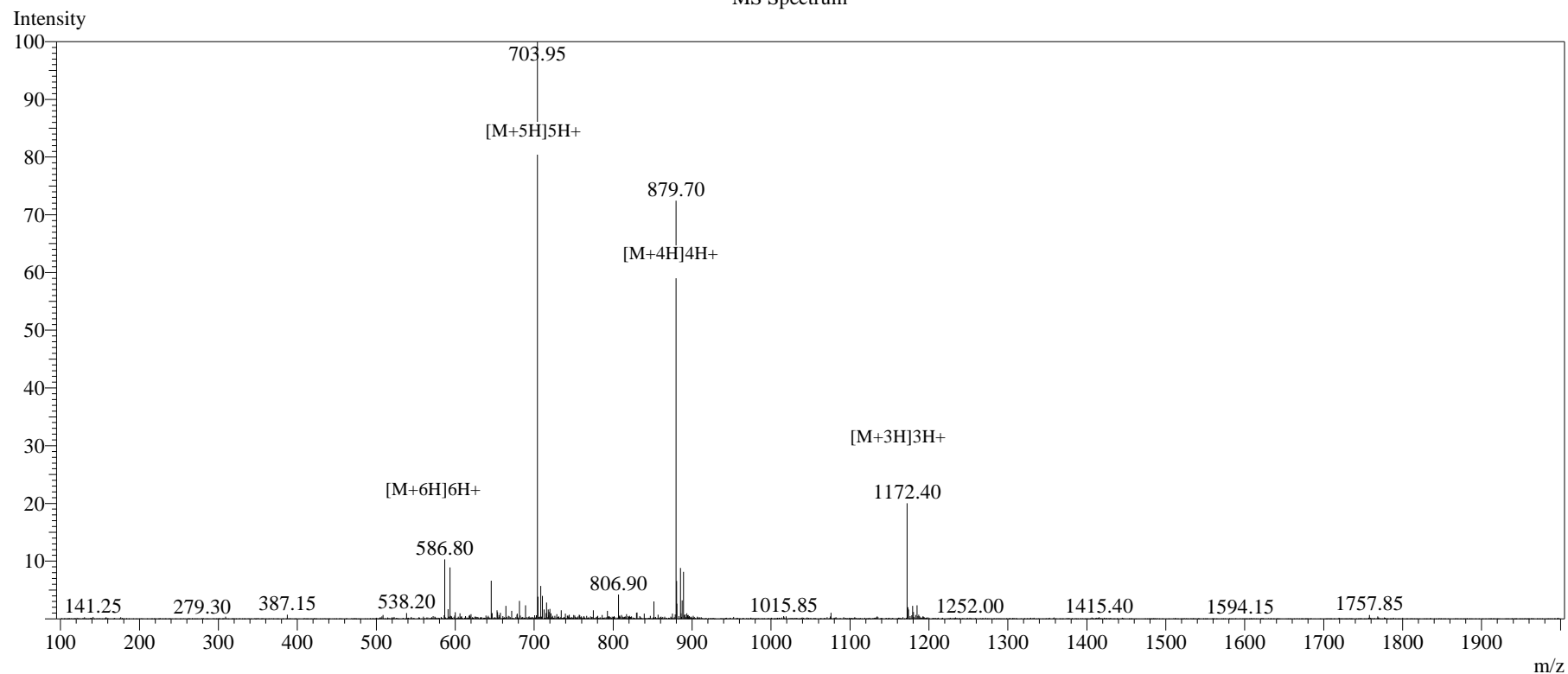


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.641	152171	15892	0.734
2	14.188	118721	11906	0.573
3	14.320	19730842	1864316	95.157
4	14.861	733362	31709	3.537
Total		20735096	1923824	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/06/18 14:47:41	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% ME OH

Order ID	:MTFA32800
Name	:Rugosin B
Sequence	:SLFSLIKAGAKFLGKNLLKQGAQYAAC*KVSKEC*
Lot.No	:MTFA32800-250512
Theoretical	:3514.16
Observed	:3514.75