
CERTIFICATE OF ANALYSIS

Product Name	Ranatuerin-2CSa peptide, Cat.#: 312766
Lot No.	MTFB20705-02-260402
Sequence	GILSSFKGVAKGVAKDLAAGKLLLETLKC*KITGC*(C27-C32 disulfide bond)
Dissolution condition	100%H2O
Modification	Disulfide bridge
Molecular Weight (MW)	3247.91
Storage	-20°C

Test Items	Specifications	Results
MW by MS	3248.60	Conforms
Purity by HPLC	>95%	95.074%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	10 mg	5mg*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:



May/29/2026

Quality Assurance Department

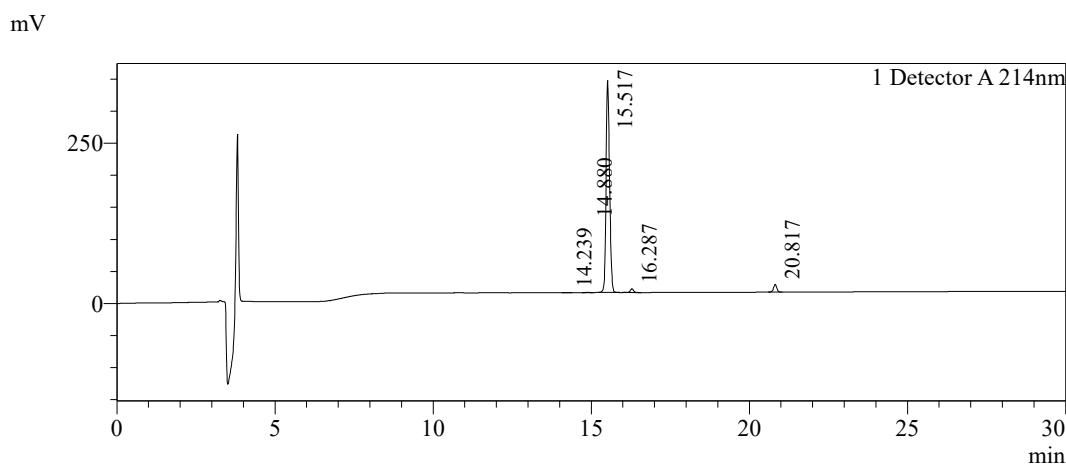


Sample Information

Order ID :MTFB20705-02
 Name :Ranatuerin-2CSa peptide, Cat.#: 312766
 Sequence :GILSSFKGVAKGVAKDLAGKLLLETLKC*KITGC*
 Lot. No :MTFB20705-02-260402
 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 : 15ul

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

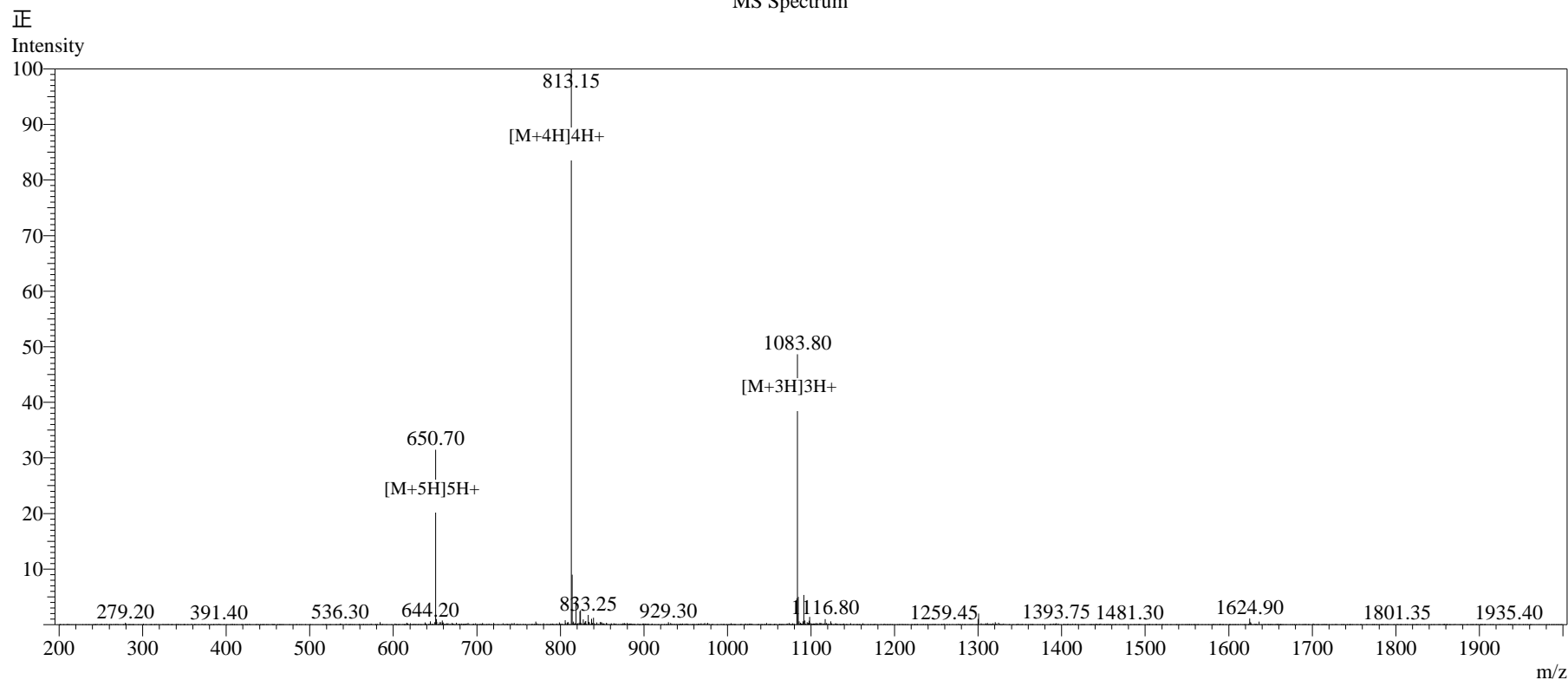


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.239	1310	163	0.049
2	14.880	1938	264	0.072
3	15.517	2560727	330633	95.074
4	16.287	43082	5771	1.600
5	20.817	86345	11829	3.206
Total		2693402	348661	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/05/28 10:07:29	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% MEOH

Order ID	:MTFB20705-02
Name	:Ranaturin-2CSa peptide, Cat.#: 312766
Sequence	:GILSSFQGVAKGVAKDLAKLLETLC*KITGC*
Lot.No	:MTFB20705-02-260402
Theoretical	:3247.91
Observed	:3248.60