

CERTIFICATE OF ANALYSIS

Product Name	Ranalexin peptide, Cat.#: 315352
Lot No.	MTFA32955-02-250618
Sequence	FLGGLIKIVPAMIC*AVTKKC*
Dissolution condition	100%H2O
Length	20AA
Modification	Disulfide bond
Molecular Weight (MW)	2103.71
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2103.60	Conforms
Purity by HPLC	>95%	95.503%
Peptide content	N/A	N/A
Moisture content	N/A	N/A
TFA 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:



Jul/08/2025

Quality Assurance Department

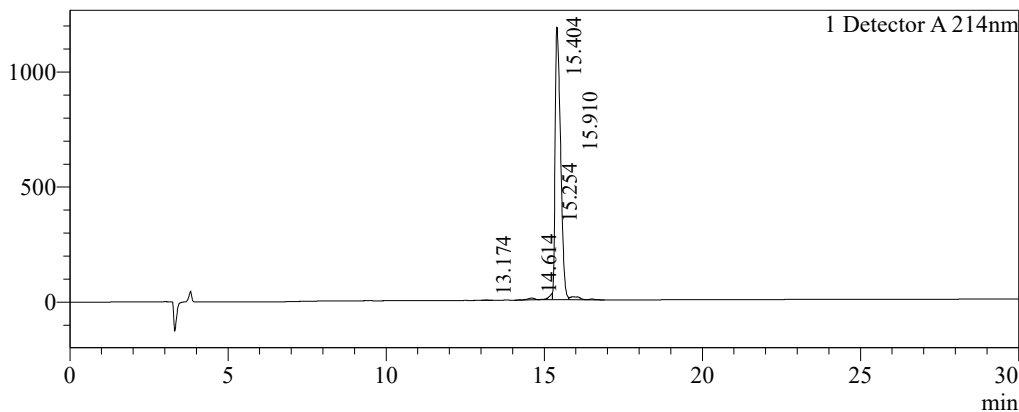


Sample Information

Order ID	:MTFA32955-02		
Name	:Ranalexin peptide		
Sequence	:FLGGLIKIVPAMIC*AVTKKC*		
Lot. No	:MTFA32955-02-250618		
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	: 25ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	35
30.00	Pumps	B.Conc	65
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	35
50.00	Controller	Stop	

Chromatogram

mV

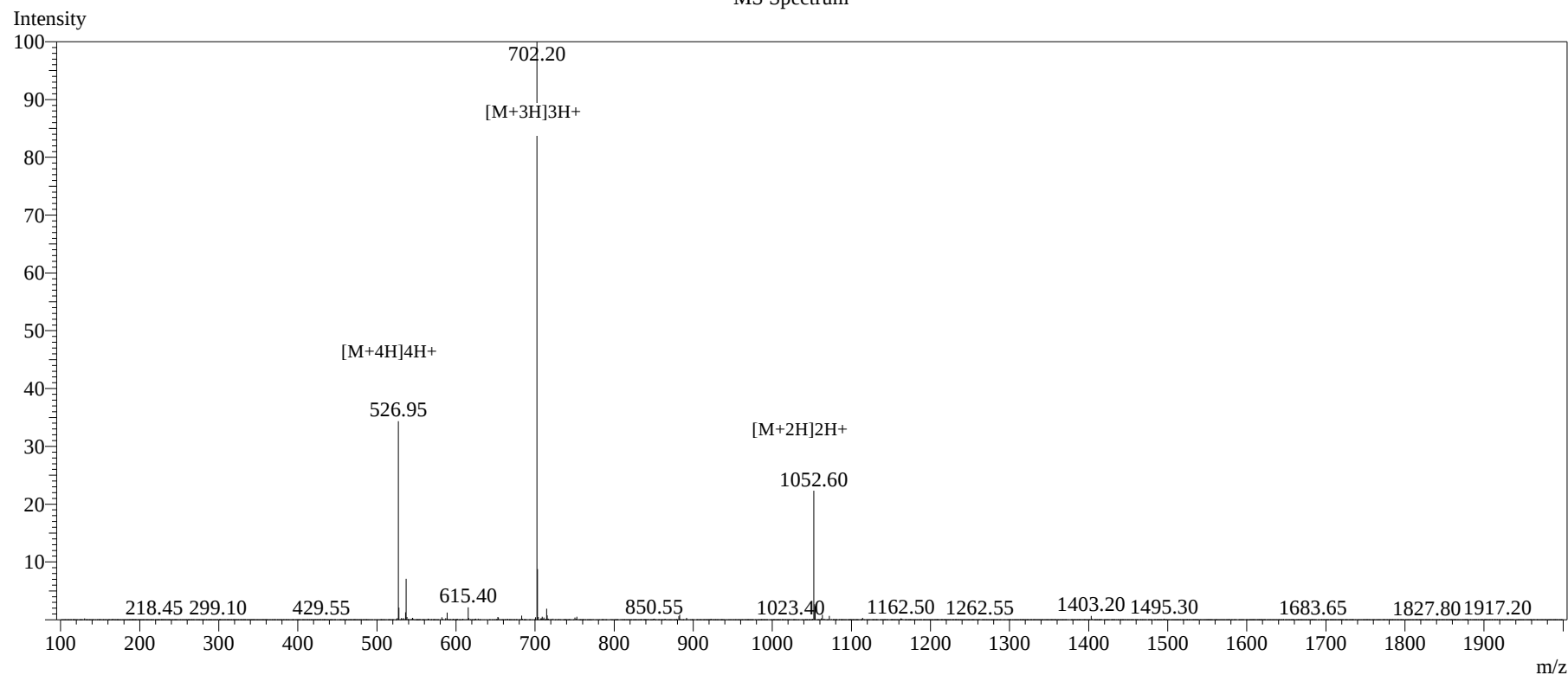


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	13.174	14052	1724	0.094
2	14.614	124477	7347	0.833
3	15.254	202315	26893	1.354
4	15.404	14272779	1184212	95.503
5	15.910	331253	13852	2.216
Total		14944876	1234027	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/07/07 10:25:58	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%H2O/50%MEOH
Order ID	:MTFA32955-02				
Name	:Ranalexin peptide				
Sequence	:FLGGLIKIVPAMIC*AVTKKC*				
Lot.No	:MTFA32955-02-250618				
Theoretical	:2103.71				
Observed	:2103.60				