

CERTIFICATE OF ANALYSIS

Product Name	Buforin IIb peptide, Cat.#: 319402 (TFA removed)
Lot No.	MTFB21087-01-260814
Sequence	RAGLQFPVGRLLRRLRLLR (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	Acetate salt
Molecular Weight (MW)	2560.12
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2560.60	Conforms
Purity by HPLC	>95%	95.035%
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	20.0mg	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: 

Aug/19/2026

Quality Assurance Department



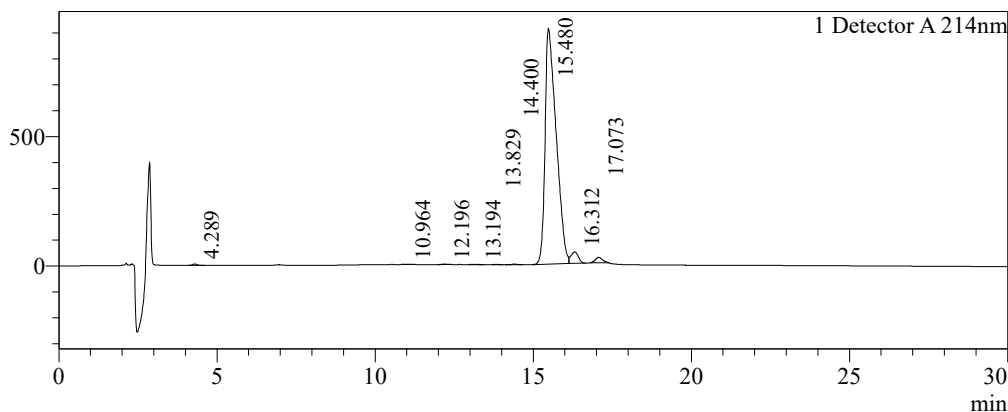
Sample Information

Order ID :MTFB21087-01
 Name :Buforin IIb peptide, Cat.#: 319402 (TFA removed)
 Sequence :RAGLQFPVGRLRLRLRLR (Acetate Salt)
 Lot. No :MTFB21087-01-260814
 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 : 30ul

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



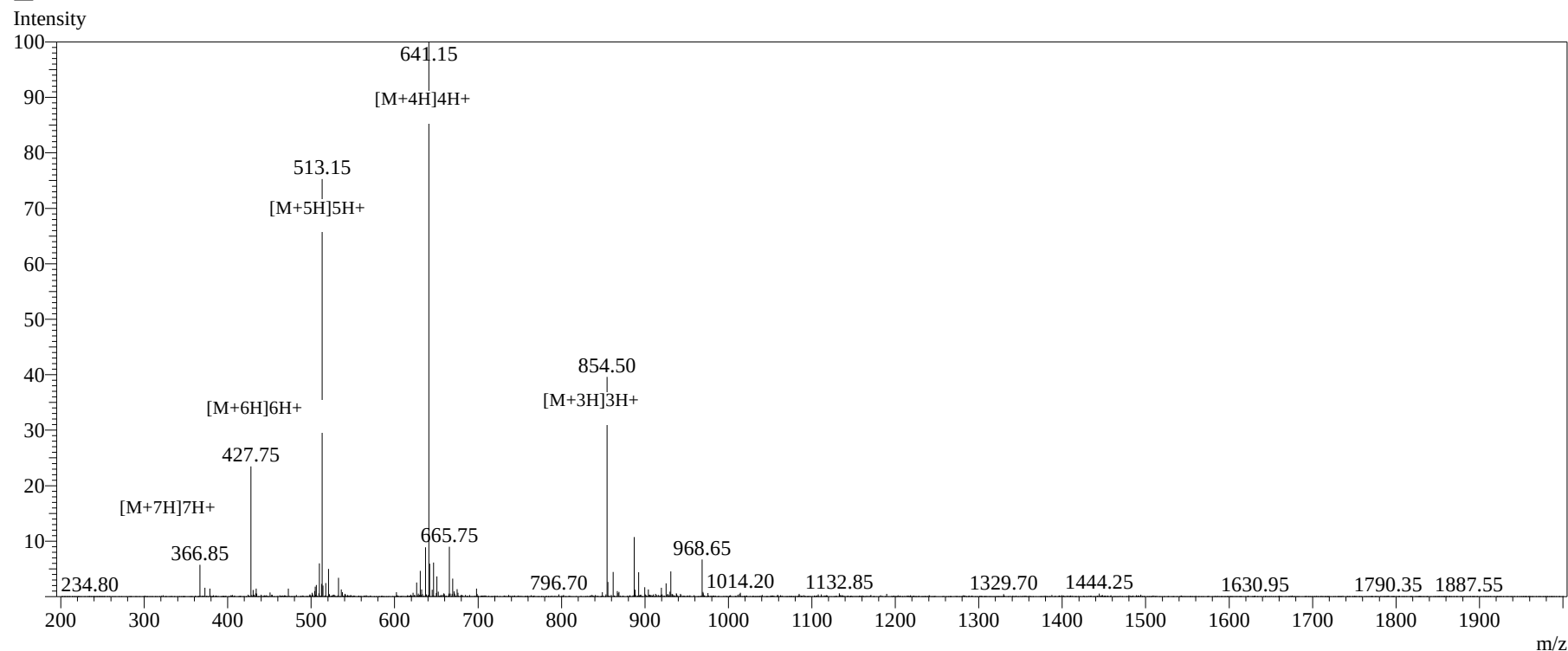
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	4.289	48845	4989	0.209
2	10.964	4887	589	0.021
3	12.196	17525	1722	0.075
4	13.194	10137	793	0.043
5	13.829	7604	865	0.033
6	14.400	22874	2388	0.098
7	15.480	22209954	909761	95.035
8	16.312	723805	44166	3.097
9	17.073	324684	20319	1.389
Total		23370315	985593	100.000

MS Spectrum

正



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/08/18 13:51:38	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	:MTFB21087-01				
Name	:Buforin IIb peptide, Cat.#: 319402 (TFA removed)				
Sequence	:RAGLQFPVGRLLRLLRLLR (Acetate Salt)				
Lot.No	:MTFB21087-01-260814				
Theoretical	:2560.12				
Observed	:2560.60				