

CERTIFICATE OF ANALYSIS

Product Name	BR2 (buforin IIb derivative) peptide, Cat.#: 319518 (TFA removed)
Lot No.	MTFB21121-260831
Sequence	RAGLQFPVGRLLRLLR (Acetate Salt)
Dissolution condition	100%H ₂ O
Modification	Acetate salt
Molecular Weight (MW)	2021.44
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2021.85	Conforms
Purity by HPLC	>95%	95.112%
Peptide content	N/A	N/A
N content	N/A	N/A
TFA content	N/A	N/A
Endotoxin 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:



Sep/01/2026

Quality Assurance Department



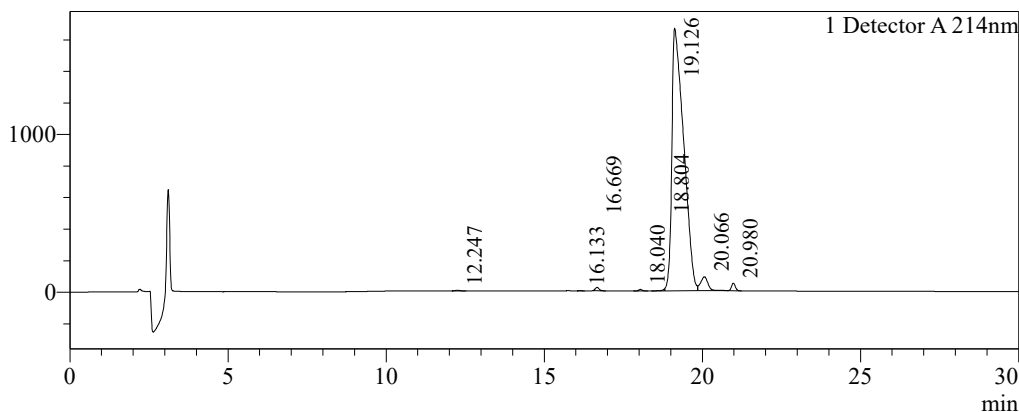
Sample Information

Order ID :MTFB21121
 Name :BR2 (buforin IIb derivative) peptide, Cat.#: 319518 (TFA removed)
 Sequence :RAGLQFPVGRLRLRLR (Acetate Salt)
 Lot.No :MTFB21121-260814
 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	25
30.00	Pumps	B.Conc	55
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	25
50.00	Controller	Stop	

Chromatogram

mV



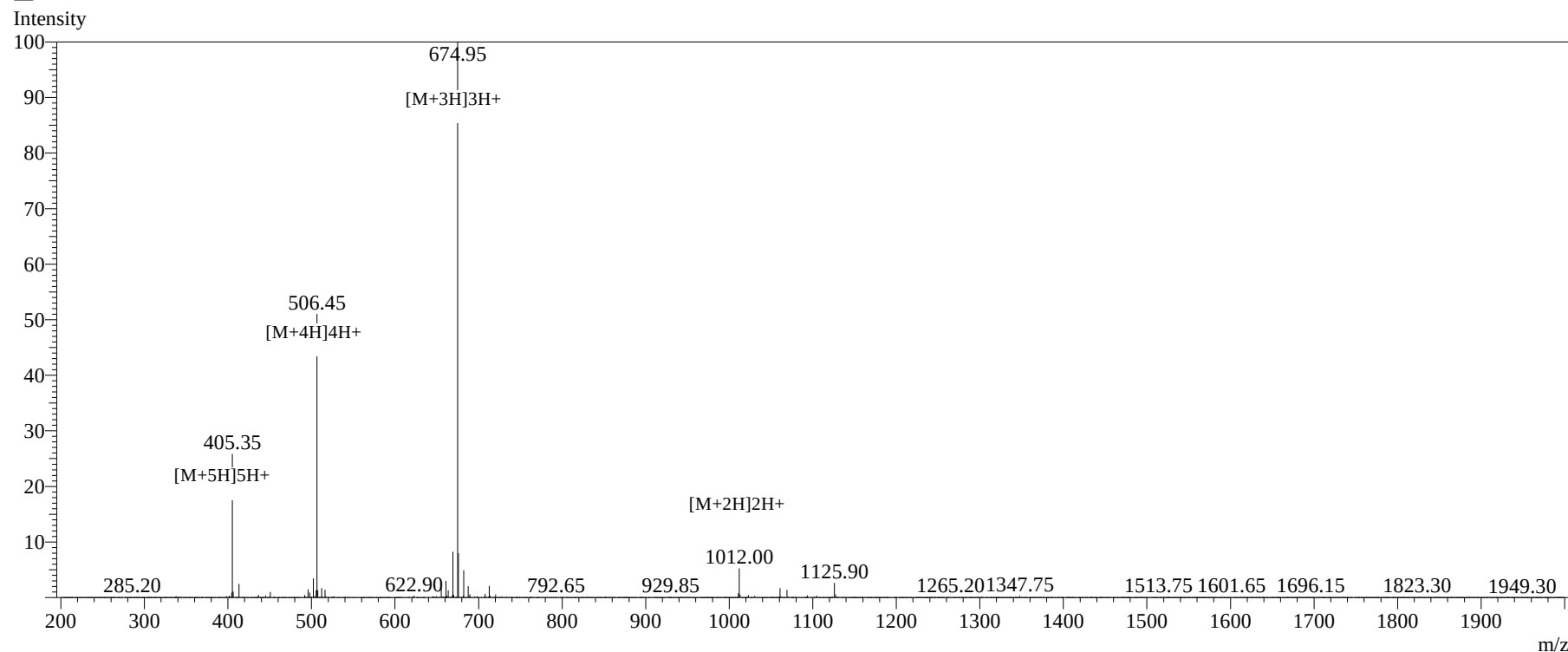
Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.247	33873	3882	0.075
2	16.133	13034	1964	0.029
3	16.669	169775	21046	0.375
4	18.040	70822	9559	0.156
5	18.804	65417	11779	0.144
6	19.126	43105640	1663059	95.112
7	20.066	1458436	87983	3.218
8	20.980	404155	48318	0.892
Total		45321152	1847590	100.000

MS Spectrum

正



Sample Information

Dissolution method	:15%ACN+85%H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/08/28 13:48:14	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

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Lot.No	:MTFB21121-260814
Theoretical	:2021.44
Observed	:2021.85