NovoPro

For Enjoyable Discovery

CERTIFICATE OF ANALYSIS

Product Name	Buforin I peptide, Cat.#: 305785 (TFA removed)
Lot No.	MTFB21151-260909
Sequence	AGRGKQGGKVRAKAKTRSSRAGLQFPVGRVHRLLRKGNY(Acetate Salt)
Dissolution condition	100%H2O
Modification	Acetate salt
Molecular Weight (MW)	4262.94
Storage	-20°C

Test Items	**Specifications**	**Results**
MW by MS	4263.60	Conforms
Purity by HPLC	>95%	97.587%
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	50.0mg	5.0mg*10

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:

Quality Assurance Department

Sep/11/2026

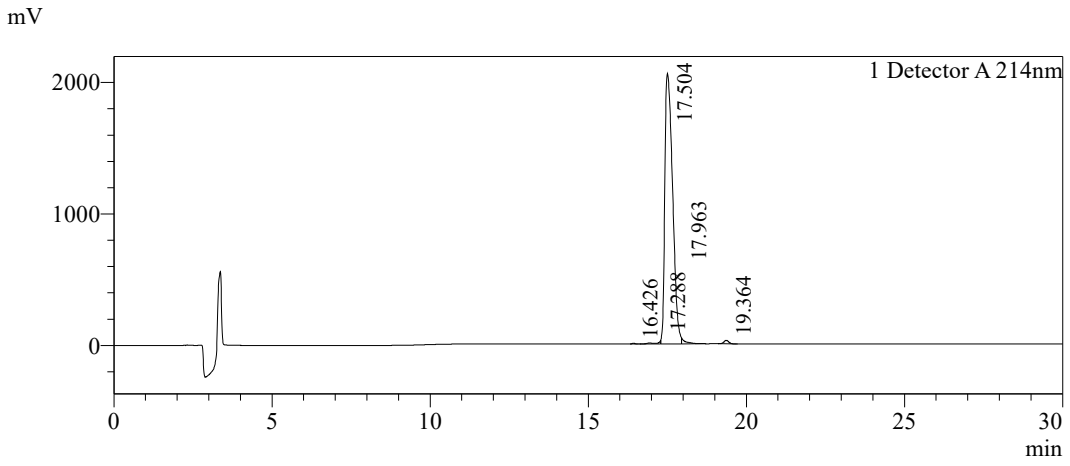
NovoPro Biosciences Inc. VERIFIED Quality Control

Sample Information

Order ID	:MTFB21151
Name	:Buforin I peptide, Cat.#: 305785 (TFA removed)
Sequence	:AGRGKQGGKVRAKAKTRSSRAGLQFPVGRVHRLLRKGNY (Acetate Salt)
Lot. No	:MTFB21151-260909
Pump A	:0.1%Trifluoroacetic in 100% water
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile
Total Flow	:1ml/min
Wavelength	:214nm
Analytial 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	15
30.00	Pumps	B.Conc	45
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

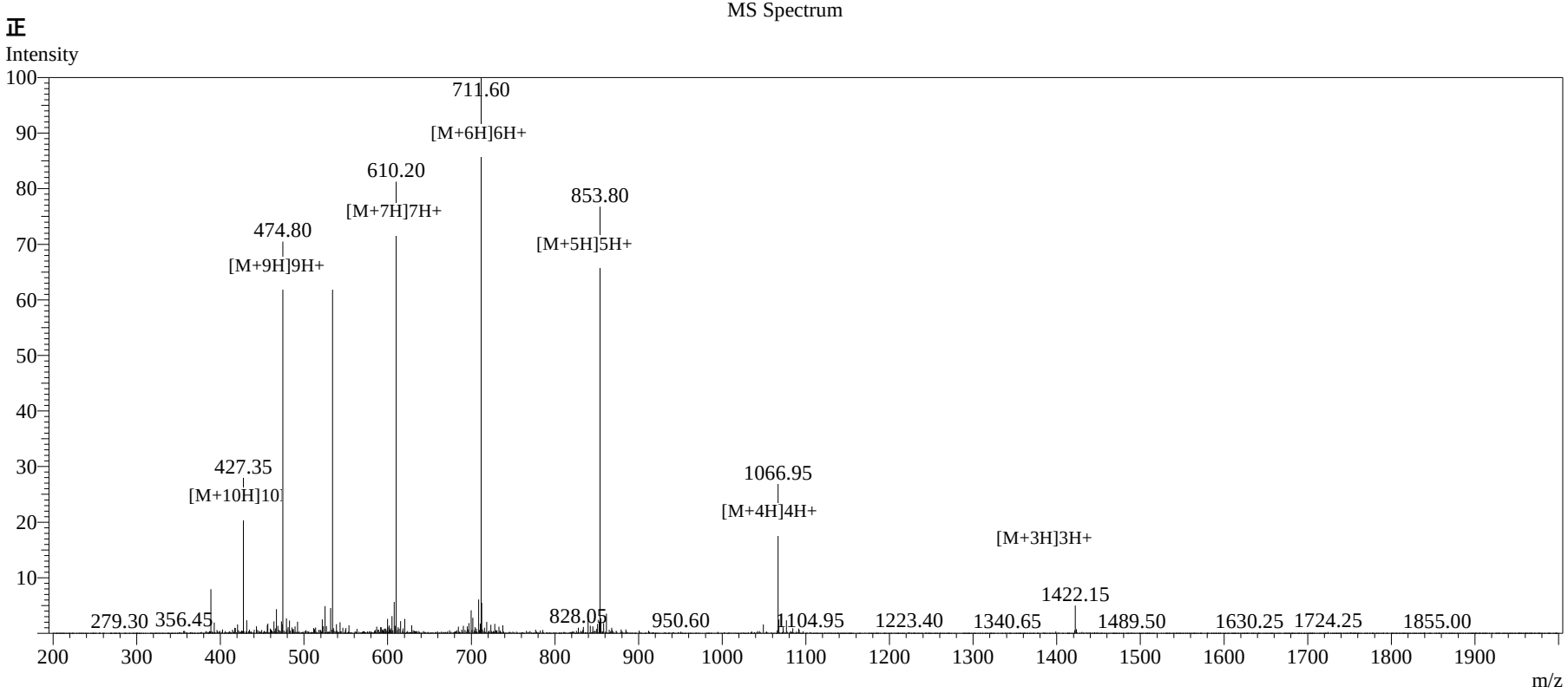


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.426	29940	5117	0.083
2	17.288	195289	24015	0.541
3	17.504	35207704	2056385	97.587
4	17.963	366023	42398	1.015
5	19.364	279389	26437	0.774
Total		36078345	2154352	100.000

MS Spectrum



Sample Information

Dissolution method	:15%ACN+85%H2O		
Date Acquired	:2026/09/10 09:28:55		
Injection Volume	:0.2ul		
Block Temp	:200		
Interface	:ESI	Prerod Bias	:+4.5kv
Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
CDL Temp	:250℃	T.Flow	:0.2ml/min
CDL Volt	:0v	B.conc	:50%H2O/50%MEOH

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Lot.No	:MTFB21151-260909
Theoretical	:4262.94
Observed	:4263.60