

CERTIFICATE OF ANALYSIS

Product Name	Buforin II peptide, Cat.#: 309529 (TFA removed)
Lot No.	MTFA30432-0831
Sequence	TRSSRAGLQFPVGRVHRLLRK (Acetate Salt)
Dissolution condition	100%H ₂ O
Length	21AA
Modification	Acetate salts
Molecular Weight (MW)	2434.84
Storage	-20°C

Test Items	Specifications	Results
MW by MS	2435.00	Conforms
Purity by HPLC	>95%	96.696%
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	40mg	5.0mg*8

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/15/2023

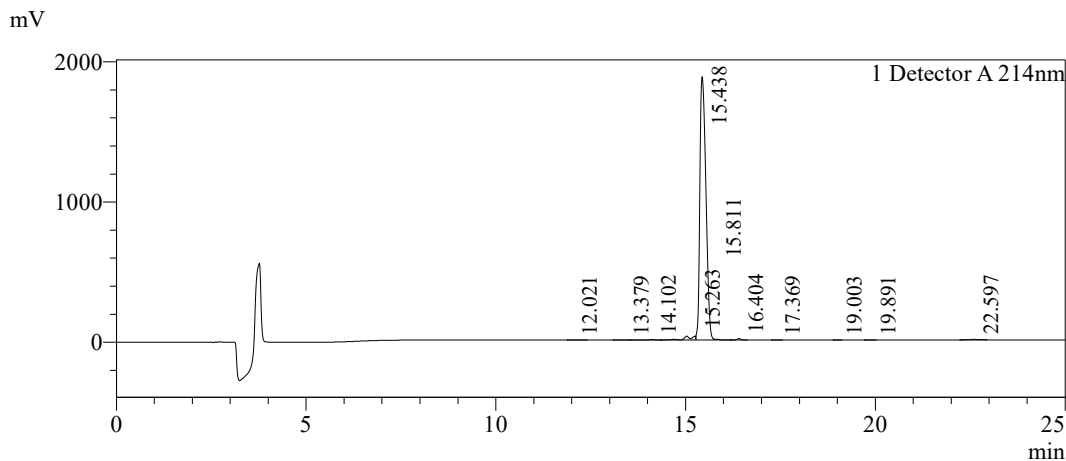


Sample Information

Order ID : MTF30432
 Name : Buforin II peptide
 Sequence : TRSSRAGLQFPVGRVHLLRK (Acetate Salt)
 Lot. No : MTF30432-0831
 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 : Shim-pack GIST C18(4.6*250mm*5um)
 Dissolution method : 100% H₂O
 Inj. Volume : 30ul

Time	Module	Action	Value
0.01	Pumps	B.Conc	15
25.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	15
50.00	Controller	Stop	

Chromatogram

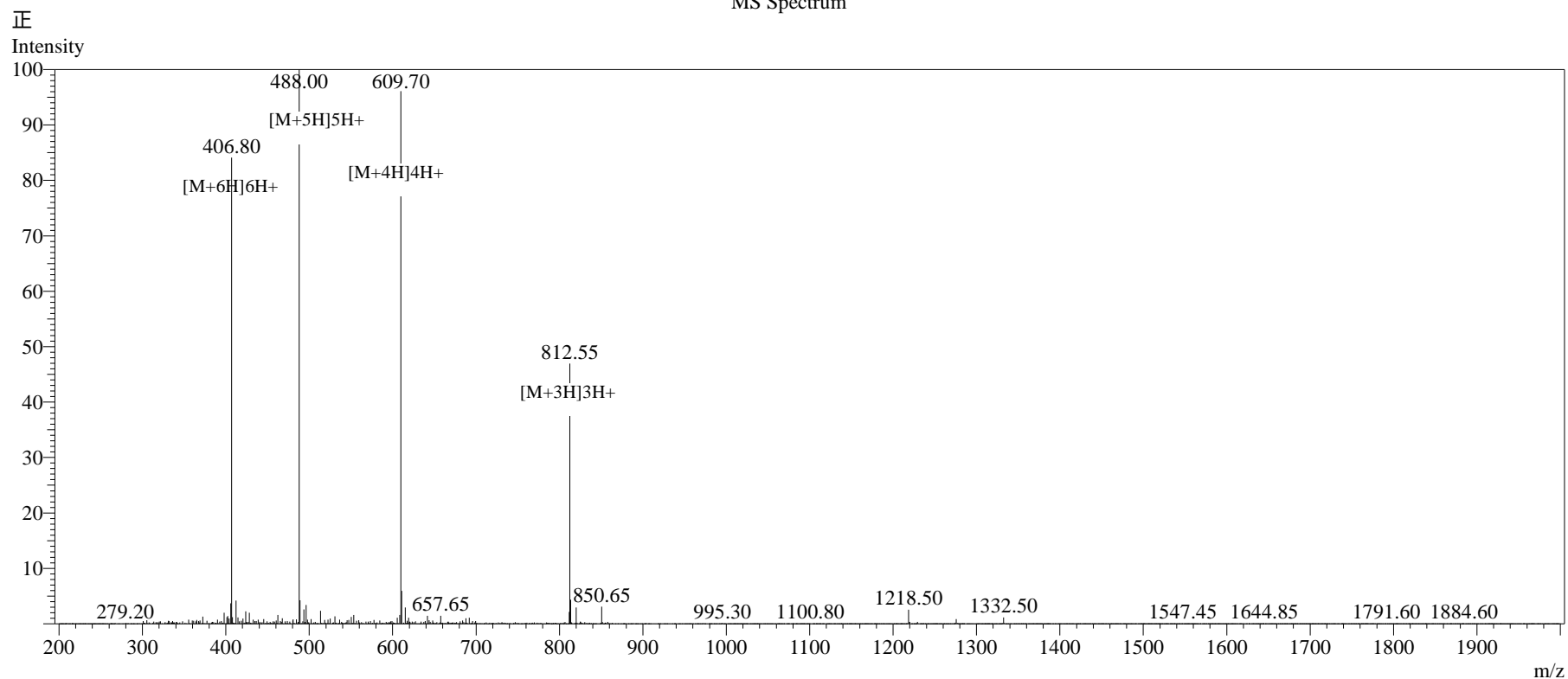


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	12.021	12943	867	0.061
2	13.379	10536	1183	0.050
3	14.102	36765	2499	0.173
4	15.263	433421	28171	2.038
5	15.438	20563915	1876768	96.696
6	15.811	47986	5373	0.226
7	16.404	73580	10261	0.346
8	17.369	5608	577	0.026
9	19.003	3529	494	0.017
10	19.891	7293	894	0.034
11	22.597	71008	2879	0.334
Total		21266583	1929966	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2023/09/14 17:16:26	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	:MTFA30432
Name	:Buforin II peptide
Sequence	:TRSSRAGLQFPVGRVHRLLRK(Acetate Salt)
Lot.No	:MTFA30432-0831
Theoretical	:2434.84
Observed	:2435.00