


## CERTIFICATE OF ANALYSIS

Product Name	Fc-III-4C-peptide, Cat.#: 319362 (TFA removed)
Lot No.	MTFA31981-1022
Sequence	C*DC*AWHLGELVWC*TC* (Acetate Salt)
Dissolution condition	2%NH3.H2O+18%ACN+80%H2O
Length	15AA
Modification	acetate salt; disulfide bridge C1-C15,C3-C13
Molecular Weight (MW)	1735.00
Storage	-20°C

Test Items	Specifications	Results
MW by MS	1735.00	Conforms
Purity by HPLC	>95%	98.033%
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	20mg	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:



Quality Assurance Department

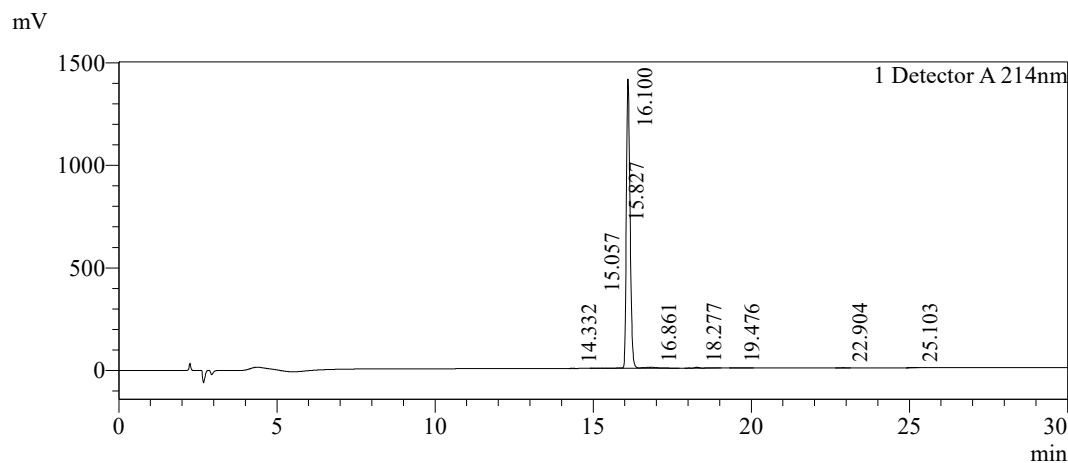
Oct/24/2024



### Sample Information

Order ID	:MTFA31981		
Name	:Fc-III-4C-peptide		
Sequence	:C*DC*AWHLGELVWC*TC* (Acetate Salt)		
Lot. No	:MTFA31981-1022		
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	:2%NH3.H2O+18%ACN+80%H2O		
Inj. Volume	: 12ul		
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	

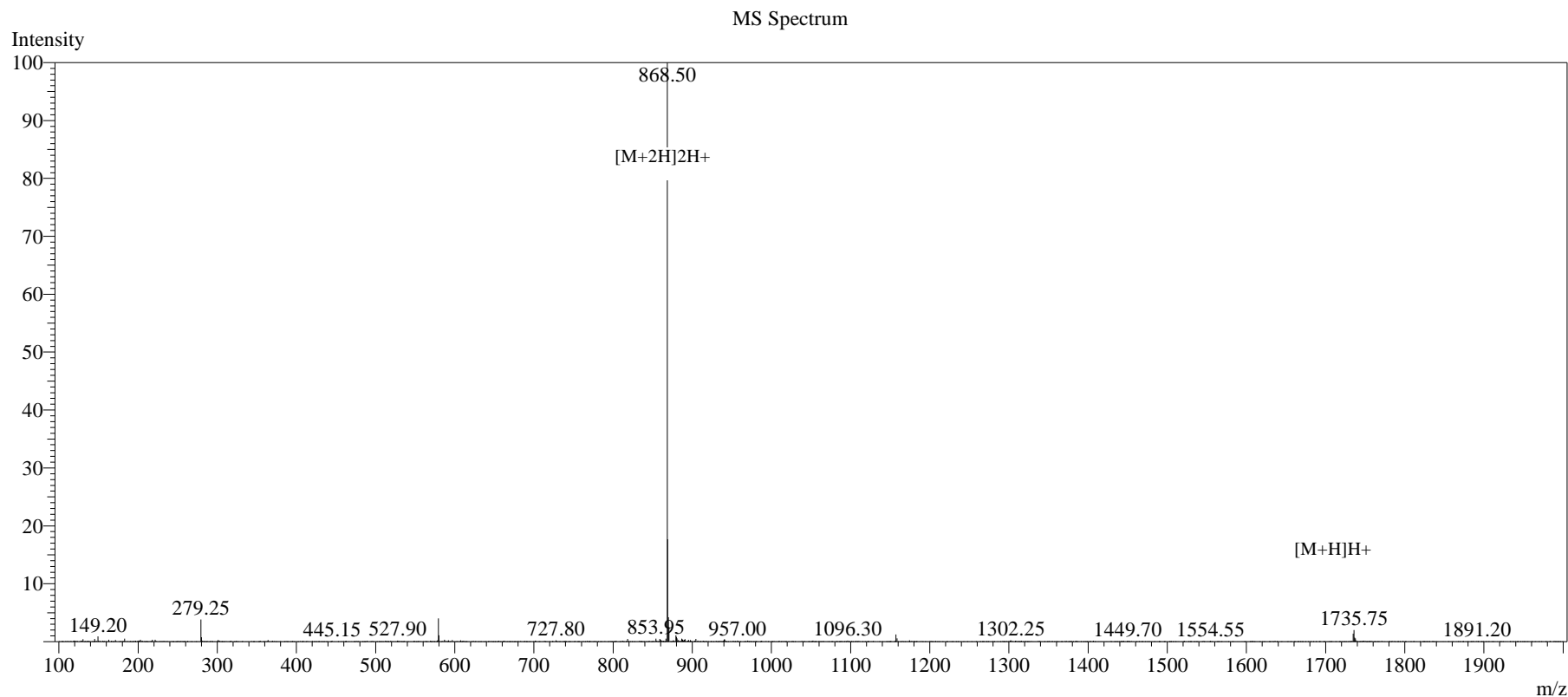
### Chromatogram



### Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	14.332	2316	348	0.020
2	15.057	5849	656	0.050
3	15.827	19903	1172	0.170
4	16.100	11487289	1409912	98.033
5	16.861	136998	4456	1.169
6	18.277	38695	3795	0.330
7	19.476	16011	1312	0.137
8	22.904	6396	459	0.055
9	25.103	4267	530	0.036
Total		11717724	1422640	100.000



### Sample Information

Dissolution method	:2%NH <sub>3</sub> .H <sub>2</sub> O+18%ACN+80%H <sub>2</sub> O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/10/23 10:37:55	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 <sub>2</sub> O/50% ME OH

Order ID	:MTFA31981
Name	:Fc-III-4C-peptide
Sequence	:C*DC*AWHLGELVWC*TC* (Acetate Salt)
Lot.No	:MTFA31981-1022
Theoretical	:1735.00
Observed	:1735.00