#### **CERTIFICATE OF ANALYSIS**

**Product Name** FcIII peptide, Cat.#: 319361 (TFA removed)

**Lot No.** MTFA33284-250904

Sequence DC\*AWHLGELVWC\*T (Acetate Salt)

**Dissolution condition** 15%ACN+85%H2O

**Modification** acetate salt; Disulfide bond

Molecular Weight (MW) 1530.75

Storage -20°C

Test Items	Specifications	Results
MW by MS	1530.30	Conforms
Purity by HPLC	>95%	98.639%
Peptide Content	N/A	N/A
TFA 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:

10.

Quality Assurance Department

Sep/08/2025



# Sample Information

Order ID :MTFA33284 Name :FcIII peptide

Sequence :DC\*AWHLGELVWC\*T (Acetate Salt)

Lot. No :MTFA33284-250904

Pump A :0.1%Trifluoroacetic in 100% water Pump B :0.1%Trifluoroacetic in 100% acetonitrile

Total Flow :1ml/min Wavelength :214nm

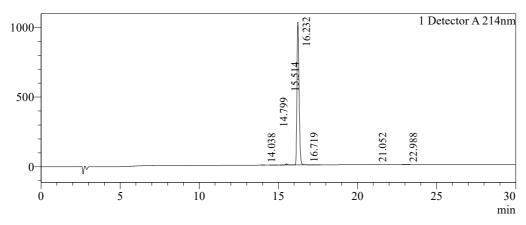
Analytial column type :Kromasil 100-5-C18 (4.6\*250mm\*5 μm)

Dissolution method :15%ACN+85%H2O

Inj. Volume : 15ul Time Module Action Value 0.01 **Pumps B.Conc** 25 55 30.00 **Pumps B.Conc** 33.00 Pumps B.Conc 100 38.00 B.Conc 100 Pumps B.Conc 25 40.00 Pumps Controller 50.00 Stop

## Chromatogram





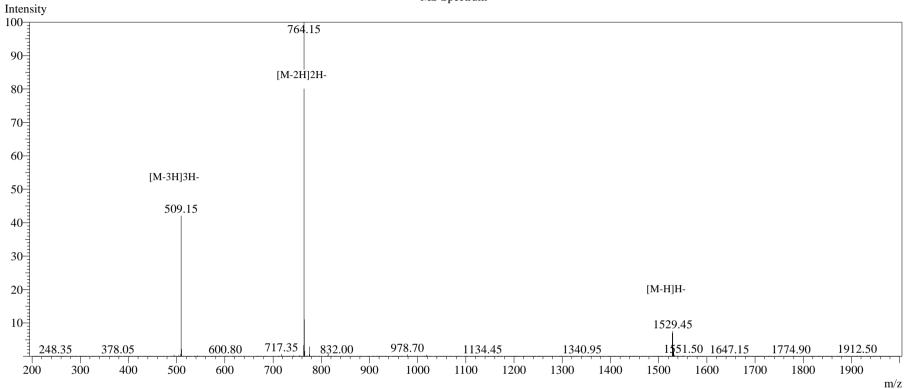
#### Peak Table

### Detector A 214nm

Detector 1121	111111			
Peak#	Ret. Time	Area	Height	Area%
1	14.038	2345	319	0.024
2	14.799	5789	366	0.060
3	15.514	83614	8272	0.870
4	16.232	9483392	1023840	98.639
5	16.719	33310	1914	0.346
6	21.052	2208	139	0.023
7	22.988	3554	300	0.037
Total		9614212	1035151	100.000



### MS Spectrum



## Sample Information

Dissolution method	:15% ACN+85% H2O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2025/09/05 11:45:24	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 :MTFA33284 Name

:FcIII peptide :DC\*AWHLGELVWC\*T (Acetate Salt) Sequence

:MTFA33284-250904 Lot.No

:1530.75 :1530.30 Theoretical Observed