

# Certificate of Analysis

<b>Product Name:</b>	Retatrutide (20mg specification)		
<b>CAS No.:</b>	2381089-83-2	<b>Lot No.:</b>	RET20-20260310G
<b>Molecular Formula:</b>	C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub>	<b>Manufacturing Date:</b>	2026.03.10
<b>Molecular Weight:</b>	4731.35	<b>Retest Date:</b>	2026.03.10
<b>Peptide Sequence:</b>	H-Tyr1-Aib2-Gln3-Gly4-Thr5-Phe6-Thr7-Ser8-Asp9-Tyr10-Ser11-Ile12-( $\alpha$ )MeLeu13-Leu14-Asp15-Lys16-Lys17(Eicosanedioicacid- $\gamma$ -Glu-AEEA)-Ala18-Gln19-Aib20-Ala21-Phe22-Ile23-Glu24-Tyr25-Leu26-Leu27-Glu28-Gly29-Gly30-Pro31-Ser32-Ser33-Gly34-Ala35-Pro36-Pro37-Pro38-Ser39-NH <sub>2</sub>		
<b>Store at:</b>	Cool dry place (2-8°C, away from the light)		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
MS	Conform	Conform
Water Content(Karl Fischer)	≤ 5.0%	3.1%
Acetic Acid (HPLC)	≤ 8.0%	6.9%
Peptide Purity (HPLC)	≥ 99.0%	99.35%
Peptide Content (N%)	≥ 13.5%	Conform
Organic Solvent Residue	Acetonitrile ≤ 0.041%、	
	Dichloromethane ≤ 0.060%、	
	N,N-Dimethylformamide ≤ 0.088%	
	Ethanol ≤ 0.5%	Conform

Conclusion: the product conforms with enterprise standard and qualified.

QC Director: Hao Zheng

1.The material is non-explosive, non-corrosive, non-radioactive, non-flammable, non-toxic and harmful, and is not a raw material for the manufacture of chemical weapons.

2.This product is a sample of chemical synthesis (not of a biological origin i.e. not of animal, human or plant origin)