HYGENEPHARMA COMPANY LIMITED

Certificate of Analysis

Product Name	Retatrutide		
CAS No.	2381089-83-2	Batch No.	2025021901
Molecular Formula	$C_{221}H_{342}N_{46}O_{68}$	Date of Producing	2025/03/09
Molecular Weight	4730.91	Retest Date	2027/03/08
Date of Survey	2025/03/19	Specification	10mg/vial
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤8.0%	3.5%
Sodium salt	≤5.0%	1.7%
Peptide Purity (By HPLC)	≥98.0%	99.6%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.4%
	Largest Single Impurity(%)≤1.0%	0.1%
Organic solvent residue	Acetonitrile≤0.041%	<0.041%
	Dichloromethane≤0.060%	<0.060%
	N,N-Dimethylformamide≤0.088%	<0.088%
Assay	95%-105%	100.2%
Conclusion:the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Analyst:Cheng Díya **QC.Directdr:Ling Cheng**

HYGENE PHAMA
QA放行
Checker:Shi Ra