

Certificate of Analysis

Product Name	Retatrutide		
CAS No.	2381089-83-2	Batch No.	2025060401
Molecular Formula	C ₂₂ H ₃₄ N ₄ O ₆ 8	Date of Producing	2025/06/24
Molecular Weight	4730.91	Retest Date	2027/06/23
Date of Survey	2025/07/04	Specification	30mg
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%	4.3%
Sodium salt	≤5.0%	1.8%
Assay	95%–105%	100.02%
Peptide Purity (By HPLC)	≥98.0%	99.7%
Related Substance (By HPLC)	Total Impurities (%) ≤2.0%	0.3%
	Largest Single Impurity (%) ≤1.0%	0.1%
Organic solvent residue	Acetonitrile ≤0.041%	<0.041%
	Dichloromethane ≤0.060%	<0.060%
	N ₂ N-Dimethylformamide ≤0.088%	<0.088%
Bacterial endotoxin	<10EU/mg	<10EU/mg
Conclusion: the product conforms with enterprise standard and qualified		