Certificate of Analysis

Product Name	Retatrutide		
Molecular Formula	$C_{252}H_{380}N_{50}O_{74}$	Batch No.	RT26092510
Molecular Weight	~5357.06 Da	Date of Producing	2026/09/25
Date of Survey	2026/09/29	Expire Date	2028/09/20
Reference Standard	Enterprise Standard	Specification	10mg/vial

Research Enhanced Peptides

TEST	SPECIFICATION	RESULT
Appearance	White to off-white powder or loose lump	Conform
Solubility	Soluble in 50% aqueous acetonitrile	Conform
Identity By MS	5357.06±2.0	5356.8
Water Content(Karl Fischer)	≤ 10.0%	3.1%
Sodium ion	≤ 3.0%	1.5%
Peptide Purity(By HPLC)	≥ 98.0%	99.2%
Related Substance(By HPLC)	Total Impurities(%) ≤ 2.0%	0.8%
Largest Single Impurity(%) ≤ 1.0%	0.3%	
Assay	95%-105%	99.8%
Organic solvent residue	Acetonitrile ≤ 0.041%	< 0.041%
	Dichloromethane ≤ 0.06%	< 0.06%
	N,N-Dimethylformamide ≤ 0.088%	< 0.088%
Conclusion: the product conforms with enterprise standard and qualified		

The product is for compliant use only.