

Certificate of Analysis

Product Name	Retatrutide		
CAS No.	2381089-83-2	Batch No.	2025060401
Molecular Formula	C221H342N46O68	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)	$\leq 8.0\%$	4.3%
Sodium salt	$\leq 5.0\%$	1.8%
Assay	95%-105%	100.02%
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.7%
Related Substance (By HPLC)	Total Impurities (%) $\leq 2.0\%$	0.3%
	Largest Single Impurity (%) $\leq 1.0\%$	0.1%
Organic solvent residue	Acetonitrile $\leq 0.041\%$	$< 0.041\%$
	Dichloromethane $\leq 0.060\%$	$< 0.060\%$
	N ₂ N-Dimethylformamide $\leq 0.088\%$	$< 0.088\%$
Bacterial endotoxin	$< 10\text{EU/mg}$	$< 10\text{EU/mg}$
Conclusion:the product conforms with enterprise standard and qualified		