COA No.#RT10-20251016

Certificate of Analysis

Name	Retatrutide10mg	**CAS No.**	2381089-83-2
Formula	C221H342N46O48	**Origin**	Chemical Synthesis
Lot No.	20251016	**Manufacture Date**	2025.10.16
Lot Size	/	**Retest date**	2027.10.15
Storage	Protected from light, at a temperature of 5±3℃		
Test Items	**Acceptance Criteria**	**Test Results**	
【Description】			
Appearance	White or off-white cake	White cake	
【Identification】			
HPLC Identification	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Conforms	
【Test】			
Purity	NLT 99.0%	99.6%	
Related Substances	Individual impurity NMT0.1%	0.14%	
	Total impurities NMT2.0%	0.41%	
Reconstitution time	Less than 30s	Less than 10s	
Clarity and Coloration of solution	Clear and colorless, or if its opalescence is not more pronounced than that of reference suspension 1	Conforms	
Water	NMT 5.0%	0.38%	
Higher molecular impurity	NMT 0.5%	0.10%	
Sterility Tests	Meet Requirements	Conforms	
Bacterial endotoxins	NMT 10 EU/mg	Less than 5 EU/mg	
【Assay】			
Assay	99.1% - 105% on C221H342N46O48	99.796 %	
Content	9.98~10.21 mg/Vial	10.22 mg/Vial	
Conclusion: The test results comply with the in-house specification.			
Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.			