

## Certificate of Analysis

Name	Tirzepatide 20mg	CAS No.	2023788-19-2
Formula	C225H348N48O68	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°C		
Test Items	Acceptance Criteria	Test Results	
<b>【Description】</b>			
Appearance	White or off-white cake	White cake	
<b>【Identification】</b>			
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	
<b>【Test】</b>			
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	
<b>【Assay】</b>			
Assay	10.0% - 100.2.% on C225H348N48O68	99.957%	
Content	28.97~ 33.32 mg/Vial	31.76 mg/Vial	
<b>Conclusion: The test results comply with the in-house specification.</b>			
<b>Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.</b>			