

Certificate Of Analysis

NO: 023-A81-TSX

Peptide Name	Liraglutide		
Molecular Formula	C ₁₇₂ H ₂₆₅ N ₄₃ O ₅₁	Manufacturing	2026/01/16
Molecular Weight	3751.20	Report Date	2026/01/17
CAS No.	204656-20-2	Re-test Date	2028/01/15
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Enterprise Standard	Storage conditions	Cool dry place(away from the light)

Tests	Specifications	Results
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Water Content(Karl Fischer)	≤10.0%	5.6%
Sodium salt	≤4.0%	2.4%
Peptide Purity(By HPLC)	≥98.0%	99.2%
Assay	95.0%~105.0%	
Peptide content	≥85.0%	
Organic solvent residue	Acetonitrile ≤0.041%	
	Dichloromethane ≤ 0.060%	
	N,N-Dimethylformamide ≤ 0.088%	
Bacterial endotoxin	<10EU/mg	
Microbial limit	Total aerobic bacteria≤100cfi/g	
	Mould & Yeast≤100cfu/g	

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao

QC Director: Melker Zhu

Checker: Bowen Yang