

Certificate of analysis

Tirzepatide

CAS No	2023788-19-2	Code	BIOJTIR001
Lot No	2024061305	Manufacture Date	Jun.25, 2024
Retest Date	Jun.24, 2026	Quantity	10G

Testing Items	Specifications	Results
Appearance	White to off white powder or loose lump	White fluffy powder
Solubility	Soluble in 50% aqueous acetonitrile	Complies
Water content (Karl Fischer)	≤10.0%	3.7%
Sodium ion	≤3.0%	1.5%
Peptide Purity (By HPLC)	≥98.0%	99.6%
Related Substance (By HPLC)	Largest single impurity ≤1.0% Total impurities ≤2.0%	0.4% 0.4%
Organic Solvent Residue	Acetonitrile ≤0.041% Dichloromethane ≤0.060% N,N-Dimethylformamide ≤0.088%	<0.041% <0.060% <0.088%
Molecular Weight	-----	4813.8
Conclusion	This product conforms to In-house standard	

***Storage: Store at -20 ± 5°C, Protect from moisture and light.**