

Certificate Of Analysis

NO:024-L81-TSX

Peptide Name	LL-37		
Molecular Formula	C ₂₀₅ H ₃₄₁ N ₆₁ O ₅₂	Manufacturing	2026/04/07
Molecular Weight	4492.26	Report Date	2026/04/07
CAS No.	597562-32-8	Re-test Date	2028/04/06
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place(2-8°C, away from the light)
Sequence	H-Ser-Glu-Thr-Arg-Pro-Val-Leu-Asn-Arg-Leu-Phe-Asp-Lys-Ile-Arg-Gln-Val-Ile-Arg-Lys-Phe-Glu-Lys-Gly-Ile-Lys-Glu-Lys-Ser-Lys-Arg-Phe-Phe-Asp-Gly-Leu-Leu-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥99.0%	99.54%
Acetate Content(HPLC)	≤12.0%	9.0%
Water Content (Karl Fischer)	≤8.0%	4.0%
Peptide Content (N%)	≥80.0%	86.6%
Mass Balance	95.0~105.0%	Conforms

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