Certificate Of Analysis

NO:026-L81-TSX

Peptide Name	LL-37		
Molecular Formula	$C_{205}H_{340}N_{60}O_{53}$	**Manufacturing**	2026/09/07
Molecular Weight	4493.29	**Report Date**	2026/09/12
CAS No.	597562-32-8	**Re-test Date**	2028/09/07
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-Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu-Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.06%
Acetate Content(HPLC)	<12.0%	6.42%
Water Content (Karl Fischer)	≤10.0%	5.16%
Peptide Content (N%)	≥80.0%	86.5%
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