

Certificate Of Analysis

NO:023-M84-TSX

Peptide Name	MT-2		
Molecular Formula	C ₅₀ H ₆₉ N ₁₅ O ₉	Manufacturing	2025/03/25
Molecular Weight	1024.2	Report Date	2025/03/27
CAS No.	121062-08-6	Re-test Date	2027/03/27
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-NH2 Asp2-Lys7 Chemical Bridge		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.01%
Acetate Content(HPLC)	8%-15.0%	10.335%
Water Content (Karl Fischer)	≤10.0%	5.56%
Peptide Content (N%)	≥80.0%	82.2%
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