Certificate Of Analysis

NO:026-M84-TSX

Peptide Name	MT-2		
Molecular Formula	$C_{50}H_{69}N_{15}O_9$	**Manufacturing**	2026/09/05
Molecular Weight	1024.18 g/mol	**Report Date**	2026/09/10
CAS No.	121062-08-6	**Re-test Date**	2028/09/05
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Cool dry place (2-8°C, away from light)
Sequence	Ac-Nle-cyclo[Asp-His-D-Phe-Arg-Trp-Lys]-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.01%
Acetate Content(HPLC)	8%-15.0%	10.3%
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