Certificate Of Analysis

NO:026-M83-TSX

Peptide Name	MOTS-c (Human)		
Molecular Formula	$C_{101}H_{152}N_{28}O_{22}S_2$	**Manufacturing**	2026/08/31
Molecular Weight	2174.59	**Report Date**	2026/09/05
CAS No.	1627580-64-6	**Re-test Date**	2028/08/31
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Cool dry place(away from the light)
Sequence	Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.02%
Acetate Content(HPLC)	≤12.0%	10.83%
Water Content (Karl Fischer)	≤10.0%	2.57%
Peptide Content (N%)	≥80.0%	84.7%
Mass Balance	95.0~105.0%	97.8%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Weiden Zhao **QC Director:** Melker Zhu **Checker**：Bowen Yang