

Certificate Of Analysis

NO:024-M83-TSX

Peptide Name	MOTS-c (Human)	Molecular Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂
Molecular Weight	2174.59	CAS No.	1627580-64-6
Appearance	white powder	Reference Standard	Enterprise Standard
Sequence	<i>Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg</i>		
Manufacturing	2026/01/25	Report Date	2026/01/28
Re-test Date	2028/01/27		
Packing size	1Kg/bag	Storage conditions	Cool dry place (away from the light)

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity (HPLC)	≥98.0%	99.23%
Acetate Content (HPLC)	≤12.0%	10.83%
Water Content (Karl Fischer)	≤10.0%	4.27%
Peptide Content (N%)	≥80.0%	84.13%
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**