

Certificate Of Analysis

NO:024-M83-TSX

Peptide Name	MOTS-c (Human)		
Molecular Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	Manufacturing	2026/09/24
Molecular Weight	2174.62	Report Date	2026/09/24
CAS No.	1627580-64-6	Re-test Date	2028/09/23
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference 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%	99.48%
Acetate Content(HPLC)	≤11.0%	8.0%
Water Content (Karl Fischer)	≤8.0%	5.4%
Peptide Content (N%)	≥80.0%	86.1%
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

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