

Certificate Of Analysis

NO: REDACTED-SAMPLE

Peptide Name	MOTS-c (Human)		
Molecular Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	Manufacturing	2025/03/20
Molecular Weight	2174.59	Report Date	2025/03/23
CAS No.	1627580-64-6	Re-test Date	2027/03/23
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%

Not For Direct Human Application
Analyst: *Warden Zhao*

QC Director: *Melker Zhu*

Checker: *Bowen Yang*