

Certificate of Analysis

Product name	MOTS-C
Molecular Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂
Molecular Weight	2174.59
Specification	40mg
Batch No.	20250102-1
Manufacturing Date	Jan.02, 2025
Expiry Date	Jan.01, 2027
Store at	Keep in dark and cool dry place

Items	Standards	Results
Appearance	White to off-white powder	Complies
Identity by MS	Theoretical MW:2174.59	Complies
Assay	95%-105%	100.04%
Purity (HPLC)	≥98.0%	99.90%
Peptide Content(By N)	≥80.0%	86.36%
Water(K.F.)	≤7.0%	1.05%
Acetic acid content(HPLC)	≤15.0%	9.15%
Conclusion	Conforms to standard	Complies

Notes: for research use only

Q. C. Manager:xiqing

2025-01-21

Inspector: Lukangmei

2025-01-21