

Certificate of Analysis

Product name	MOTS-c
Molecular Formula	C101H152N28O22S2
Molecular Weight	2174.6
Batch No.	20260306-01
Quantity	1000.0g
Manufacturing Date	Mar.06, 2026
Expiry Date	Mar.05, 2028
Store at	Keep in dark and cool dry place

Items	Standards	Results
Appearance	White to off-white powder	Complies
Identity by MS	Theoretical MW:2174.6	Complies
Purity (HPLC)	≥98.0%	99.31%
Peptide Content (N%)	≥80.0%	95.60%
Acetic acid content(HPLC)	≤15.0%	4.33%
Water (K.F.)	≤7.0%	2.53%
Solubility	≥2mg/ml(H ₂ O)	Complies
Conclusion	Conforms to standard	Complies

Notes: for research use only

Q. C. Manager:xiqing

2026-03-12

Inspector: Lukangmei

2026-03-12

