

MOTS-C

Certificate of Analysis

Product Name	MOTS-C (human)		
CAS No.	1627580-64-6	Batch No.	20260815026
Date of Producing	2026-08-15	Molecular Formula	C101H152N28O22S2
Retest Date	2028-08-15	Molecular Weight	2174.34
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
Water Content (Karl Fischer)	≤8.0%	4.2%
Acetic Acid (By HPLC)	≤15.0%	8.4
Peptide Purity (By HPLC)	≥98.0%	99.4%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.6%
	Largest Single Impurity(%)≤1.0%	0.3%

Conclusion	Conforms to the Enterprise standard
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Analyst: Judy Lyons

Checker: Ken Holmes

Approved by: Simon Roach