



HEALTHTIDE BIOTECH CO.,LTD.

Certificate of Analysis

Product Name	MOTS-C	CAS No.	1627580-64-6
Molecular Formula	C101H152N28O22S2	Molecular Weight	2174.62
Batch No.	XR25121502-1	Date of Mfg	Dec 15,2025
Reference Standard	Enterprise Standard	Retest Date	Dec 14,2027
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
TEST	SPECIFICATION	RESULT	
Appearance	White or almost white fluffy powder	Conform	
Solubility	Soluble in water	Conform	
Water Content (Karl Fischer)	≤ 8.0%	3.68%	
Acetic Acid	≤ 15.0%	9.17%	
Trifluoroacetic Acid	≤ 0.5%	Not Detected	
Peptide Purity (By HPLC)	≥ 98.0%	99.77%	
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.41%	
	Largest Single Impurity(%) ≤ 1.0%	0.21%	
Bacterial Endotoxins	≤ 10 EU/mg	Conform	
Assay	≥ 85.0%	90.02%	
Conclusion	This batch meets the internal standards of the enterprise and is qualified.		

Note: This product is for research or production use only. Not for direct human use.

Analyst: Pu mingyue

Approved by: Ding wenzen

