

CERTIFICATE OF ANALYSIS

Product Name	MOTS-C
CAS No.	1627580-64-6
Molecular Formula	C101H152N28O22S2
Molecular Weight	2174.62
Batch No.	XR26042102-1
Date of Mfg	Apr 21, 2026
Reference Standard	Enterprise Standard
Retest Date	Apr 20, 2028
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	≤ 8.0%	3.45%
Acetic Acid	≤ 15.0%	9.20%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Peptide Purity	≥ 98.0%	99.45%
Total Impurities	≤ 2.0%	0.41%
Largest Single Impurity	≤ 1.0%	0.20%
Bacterial Endotoxins	≤ 10 EU/mg	Conform
Assay	≥ 85.0%	90.02%

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