

Certificate of Analysis

Product Name	MOTS-c (human)		
CAS No.	1627580-64-6	Batch No.	2026010304
Molecular Formula	C101H152N28O22S2	Date of Producing	2026/01/01
Molecular Weight	2174.59	Retest Date	2028/06/05
Date of Survey	2026/01/02	Specification	10mg/vial
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤8.0%	3.5%
Sodium salt	≤5.0%	1.6%
Peptide Purity (By HPLC)	≥99.0%	99.6%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.3%
	Largest Single Impurity(%)≤1.0%	0.1%
Organic solvent residue	Acetonitrile≤0.041%	<0.041%
	Dichloromethane≤0.060%	<0.030%
	N,N-Dimethylformamide≤0.088%	<0.087%
Assay	95%-105%	100.2%

Conclusion:the product conforms with enterprise standard and qualified

The product is for compJiant use only.

Analyst:Cheng Diya



QC Director: Ling Cheng