

Certificate of Aanlysis

Product Name	MOTS-c (human)		
CAS No	1627580-64-6	Batch No.	2024030601-1
Molecular Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	Date of Producing	2024/02/16
Molecular Weight	2174.34	Retest Date	2026/02/15
Date of Survey	2024/02/28	Condition of Storage	2~8℃
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water and acetic acid	Conform
Water Content (Karl Fischer)	≤8.0%	4.1%
Acetic Acid (By HPLC)	≤15.0%	8.2%
Peptide content	≥80.0%	87.5%
Peptide Purity (By HPLC)	≥98.0%	99.5%
Related Substance (By HPLC)	Total Impurities(%) ≤2.0%	0.5%
	Largest Single Impurity(%) ≤1.0%	0.5%
Conclusion:the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Analyst: Cheng Diya

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Checker: Wang Haiyan