

Certificate of Analysis

Product Name	MOTS-C	Quantity	1g
Lot No.	6035-251216-01	CAS No.	1627580-64-6
Molecular Weight	2174.59	Manufacturing Date	12/16/2025
Molecular Formula	C ₁₀₁ H ₁₅₂ N ₂₈ O ₂₂ S ₂	Retest Date	12/15/2027
Inspection standard	Enterprise internal control standard STP-QS-6035	Storage	Keep in dark and cool dry place
Test	Specification	Result	
Appearance	White to off-white powder	Complies	
Identity by MS	Theoretical MW:2174.59	Complies	
Purity (HPLC)	≥98.0%	99.04%	
Peptide Content(By N)	≥80.0%	83.07%	
Acetic acid content	≤ 15.0%	9.81%	
Water (K.F.)	≤7.0%	4.30%	
Trifluoroacetic acid content	≤ 1.0%	N.D	
Solubility	≥2mg/ml(H ₂ O)	Complies	
Conclusion	This product is tested according to the enterprise internal control standard STP-QS-6035, and all the above items meet the requirements.		
Remark	It is only supplied as chemical product		

QC: lin qi

QA: qian xu