

Certificate of analysis

MOTS-C

CAS No	1627580-64-6	Code	BIOJMOTSC
Batch No	2024041001	Manufacture Date	May.09, 2024
Retest Date	May.08, 2026	Quantity	5G

Testing Items	Specifications	Results
Appearance	White or almost white fluffy powder	White fluffy powder
Solubility	Soluble in water and acetic acid	Complies
Water content (Karl Fischer)	≤8.0%	5.5%
Acetic Acid (By HPLC)	≤15.0%	7.1%
Peptide Purity (By HPLC)	≥98.0%	99.3%
Peptide content	≥80.0%	87.3%
Related Substance (By HPLC)	Largest single impurity ≤1.0% Total impurities ≤2.0%	0.2% 0.7%
Molecular Weight	-----	2174.34
Conclusion	This product conforms to In-house standard	

***Storage: Store at $-20 \pm 5^{\circ}\text{C}$, Protect from moisture and light.**