

## Certificate of analysis

### MOTS-C

CAS No	1627580-64-6	Code	BIOJMOTSC
Batch No	2024051401-1	Manufacture Date	Jun.14, 2024
Retest Date	Jun.13, 2026	Quantity	20G

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)	$\leq 8.0\%$	4.1%
Acetic Acid (By HPLC)	$\leq 15.0\%$	8.7%
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.3%
Peptide content	$\geq 80.0\%$	86.6%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.3% 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.**