



Natural Aminos Lab

RESEARCH GRADE

CERTIFICATE OF ANALYSIS

Research Grade

QUALITY STATUS: PASS Purity: 99.3% Assay: 48.6 mg/vial

Item	Value
Formula	MOTS-c
Strength	40 mg/vial
Batch Number	6255MC
Molecular Formula	C101H152N28O22S2
Molecular Weight	2174.6 g/mol
Date Tested	2026-06-30 17:21
Retest Date	N/A
Storage	Store refrigerated (2–8°C). Protect from light.

Test	Acceptance Criteria	Result
Appearance	White to off-white lyophilized powder	PASS
Solubility	Soluble in Water	PASS
Identification	RT, FTIR and mass confirmed	PASS
Peptide Purity (HPLC)	>=99.0%	99.3%
Assay	Reported value	48.6 mg/vial
Aerobic Microbial Count	NMT 1000 CFU/g	PASS
Yeast and Mold Count	NMT 100 CFU/g	PASS
Bacterial Endotoxins	NMT 0.5 EU/mg	<0.001 EU/mg
Heavy Metals Screen	<0.001 ppm	PASS
Overall Quality	Meets specification	PASS

Conclusion

This batch meets the analytical acceptance criteria established under the Natural Aminos Lab Research Grade quality system and has successfully passed all applicable quality control testing.

RESEARCHERS, LABORATORY USE ONLY
NOT FOR HUMAN OR VETERINARY USE