

Client: Glacier Aminos

Certified: 06/24/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	MOTS-c	Form	Lyophilized powder
Batch	MOT20GA-05	Labeled Qty	20 mg
Mol. Formula	C101H152N28O22S2	CAS Number	1627580-64-6
Cap Color	Yellow	Crimp Color	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Batch Avg Purity	(>98%)	99.533%
Batch Avg Net Content	(~20mg)	19.78 mg
Identity Confirmation (LC-MS)	(MOTS-c)	MOTS-c
Endotoxin Safety Screen	(≤0.5 EU/mL)	Pass
Fentanyl Presence Analysis	(Not Detected)	Not Detected
14 Day Sterility Screening	(No Growth)	No microbial growth detected
pH	(4.5 - 7.0)	5.7

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	< 0.15	
Cadmium (Cd)	< 0.05	
Lead (Pb)	< 0.5	
Mercury (Hg)	< 0.3	

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.358	20.11
Vial 2	99.915	19.39
Vial 3	99.325	19.83
Batch Average	99.533%	19.78 mg

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm

