Customer:
Evolve BioPep

EA Sample ID: 26EA0325-025
Sample Name: Mots
Sample Type: Powder
Batch/Lot: EM-260322-H40

Date Received:
03/26/2026
Date Completed:
03/30/2026

ETHOS ANALYTICS

CERTIFICATE OF ANALYSIS

Summary of Results

Analysis Type	Method	Date Tested	Status
Peptides	HPLC	03/30/2026	Complete
Bacterial Endotoxins	USP <85>	03/30/2026	Complete
Heavy Metals	ICP-MS	03/28/2026	Pass
Microbiological	Petrifilm/qPCR	03/29/2026	Pass



Serving Size: N/A

Peptide Analysis

Analyte	Result	Specification	LOD
MOTS-C	42.88mg/vial	40mg/vial	0.1%
Identity of the analyte was confirmed by retention time concordance with a certified reference standard, per USP <621>.			
Chromatographic Purity	>98%	>98%	0.1%
Bacterial Endotoxins (Gel-Clot: 1:10 Dilution)	<1.25 EU/ml	<5 EU/ml	λ = 0.125 EU/mL

NOTES:

NS = NOT SPECIFIED
LOD = LIMIT OF DETECTION
LOQ = LIMIT OF QUANTIFICATION

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Noel Samsum
Laboratory Director
30-Mar-2026

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.