

Customer:
HELIO

EA Sample ID: 26EA0713-762
Sample Name: MOTS-C 10mg
Sample Type: Lyophilized Powder
Batch/Lot: 26134001

Date Received:
07/13/2026
Date Completed:
07/16/2026



CERTIFICATE OF ANALYSIS

Summary of Results

<u>Analysis Type</u>	<u>Method</u>	<u>Date Tested</u>	<u>Status</u>
Purity	HPLC-UV	07/16/2026	Complete
Identity	LC-MS	07/16/2026	Complete
Endotoxin	LAL, USP <85>	07/16/2026	Pass



Serving Size: N/A

Analytical Results

<u>Analyte</u>	<u>Result</u>	<u>Specification</u>	<u>LOQ (%)</u>
Purity (HPLC-UV)	99.59%	≥ 99.0%	0.01
Identity (LC-MS)	MOTS-C	Confirmed	—
Net Content Average	12.67 mg	10.00 mg/vial	—
Endotoxin (LAL)	Pass — Replicates 1 & 2	≤ 0.05 EU/mL	—

<u>Purity by Vial</u>		<u>Net Content by Vial</u>	
Vial 1	99.58%	Vial 1	12.58 mg
Vial 2	99.60%	Vial 2	12.76 mg

Identity of the analyte was confirmed by retention time concordance with a certified reference standard, per USP <621>. Endotoxin testing performed using the Limulus Amebocyte Lysate assay per USP <85>. Appearance: white lyophilized powder.

NOTES:

LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION



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Noel Samsum
Laboratory Director
16-Jul-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.