

CLIENT & SAMPLE INFORMATION

Client	Peptide Partners	Analysis Date	04/04/2026
Product Name	MOTS-c	Strength	10 mg
Lot / Batch	MC202603	Condition	Lyophilized

This Certificate of Analysis certifies that the sample listed herein was tested for bacterial endotoxin using a kinetic chromogenic LAL assay in accordance with USP <85> Bacterial Endotoxins Test.

TEST METHODOLOGY

Test Performed	Quantitative Bacterial Endotoxin Test	Compendial Ref	USP <85>
Assay Type	Chromogenic (Kinetic)	Detection λ	405 nm
Detection Range	0.01 – 1.0 EU/mL	Endotoxin Std	E. coli O111:B4
Dilution Vol	2.0 mL	Matrix	LAL Reagent Water

QUANTITATIVE RESULTS

Parameter	Result
Endotoxin Level	< 0.07 EU/mL
Acceptance Limit	≤ 0.5 EU/mL
Sample CV (%)	2.7%
Spike CV (%)	3.8%
Spike Recovery (%)	91%
Final Determination	PASS

CONTROLS

Control	Expected	Observed	Status
Positive Control	Detectable	As expected	Pass
Negative Control	No signal	As expected	Pass

INTERPRETATION

Endotoxin content was quantitatively determined using a kinetic chromogenic LAL assay in accordance with USP <85>. Result reported as below quantitation threshold. The measured endotoxin level meets the specified acceptance criteria. The sample passes the endotoxin limit test.

AUTHORIZATION

PREPARED BY Liam Clarke, B.S. QC Analyst

REVIEWED BY David Cohen, M.S. Quality Director

