



TSMS Quality Dossier

MOTS-c

Prepared for **TSMS Labs**. Analytical testing performed by **Kovera Labs**.

Document Field	Value
Dossier ID	QDOS-MOTSC-MC202603-R0
COA ID	COA-MOTSC-MC202603-R0
Status	Released for quality documentation
TSMS Verification URL	https://tsmslabs.com/verify/motsc-mc202603
Original Laboratory Verification Key	G423UEK

Product Identity	
Product Name	MOTS-c
Product Code	MOTSC
Batch / Lot	MC202603
Sample Description	MOTS-c
Manufacturer Listed on Lab Report	
Client Listed on Lab Report	Peptide Partners

Analytical Summary	Result
Reported Content / Potency	11.22 mg
Reported Purity	99.964%
Testing Requested / Method	LC-MS identity, HPLC purity, LAL endotoxin, sterility, heavy metals
Testing Laboratory	Kovera Labs
Laboratory Task / Report No.	KVR-2026-1E8D20
Testing Ordered	Not listed
Sample Received	Not listed
Analysis Conducted	04/04/2026
Notes	Endotoxins PASS; sterility no growth; heavy metals below stated reporting thresholds.

Compliance Statement

FOR RESEARCH USE ONLY. NOT FOR HUMAN CONSUMPTION. This dossier summarizes third-party laboratory data for research-material identity and batch verification. The original laboratory report is preserved as an appendix for transparency. Do not modify analytical values. Do not reuse values across batches.



Batch Verification Page Content

This section mirrors the public verification page that a QR code can direct customers to.

Verification Field	Public Display Value
Status	Verified - third-party laboratory report on file
Product	MOTS-c
Batch	MC202603
Purity	99.964%
Content / Potency	11.22 mg
Independent Lab	Kovera Labs
Lab Verification Key	G423UEK
Report / Task No.	KVR-2026-1E8D20
URL	https://tsmslabs.com/verify/motsc-mc202603

Original Laboratory Report Handling

The original report should remain unedited and archived alongside this TSMS dossier. If a corrected lab report is issued, create a new revision (R1, R2, etc.) and retain the prior version.



Scan to open the TSMS batch verification page.



Original Laboratory Report - Kovera Labs - Task KVR-2026-1E8D20 - Page 1

**KOVERA LABS**

CERTIFICATE OF ANALYSIS
REPORT # KVR-2026-1E8D20

Client: Peptide Partners

Certified: 04/04/2026

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	MC202603	Labeled Qty	10 mg
Mol. Formula	C101H152N28O22S2	CAS Number	1627580-64-6
Cap Color	Translucent Green	Crimp Color	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Batch Avg Purity	(>98%)	99.964% 
Batch Avg Net Content	(10mg ± 10%)	11.22 mg 
Identity Confirmation (LC-MS)	(MOTS-c)	MOTS-c 
Bacterial Endotoxins (LAL)	(≤ 0.50 EU/mL)	PASS 
Full Sterility Verification	(No Growth)	No Growth 

HEAVY METAL SCREENING

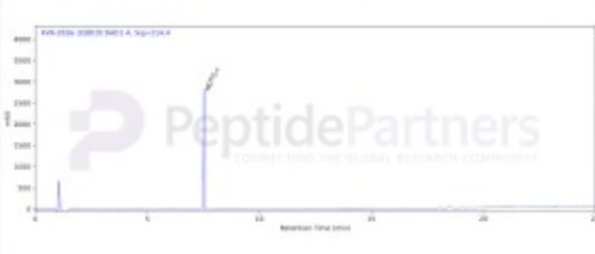
Analyte	Result	Status
Arsenic (As)	< 0.11	
Cadmium (Cd)	< 0.06	
Lead (Pb)	< 0.7	
Mercury (Hg)	< 0.2	

BATCH CONFORMITY RESULTS

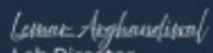
Vial	Purity (%)	Net Content (mg)
Vial 1	99.961	11.24
Vial 2	99.988	11.27
Vial 3	99.986	11.24
Vial 4	99.953	11.18
Vial 5	99.933	11.16
Batch Average	99.964%	11.22 mg

CHROMATOGRAM

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






Leman Arghandanal
Lab Director


koveralabs.com/verify

Report#: KVR-2026-1E8D20
Access Code: G423UEK