



Vanguard Laboratory  
2635 Parkmont Ln  
Olympia, Wa 98502  
360-967-7010

# Certificate of Analysis

MOTS-C 10 mg

Report To:

**Peptidology**

11111 N Scottsdale Rd STE 205

Scottsdale, AZ 85254

480-974-4660

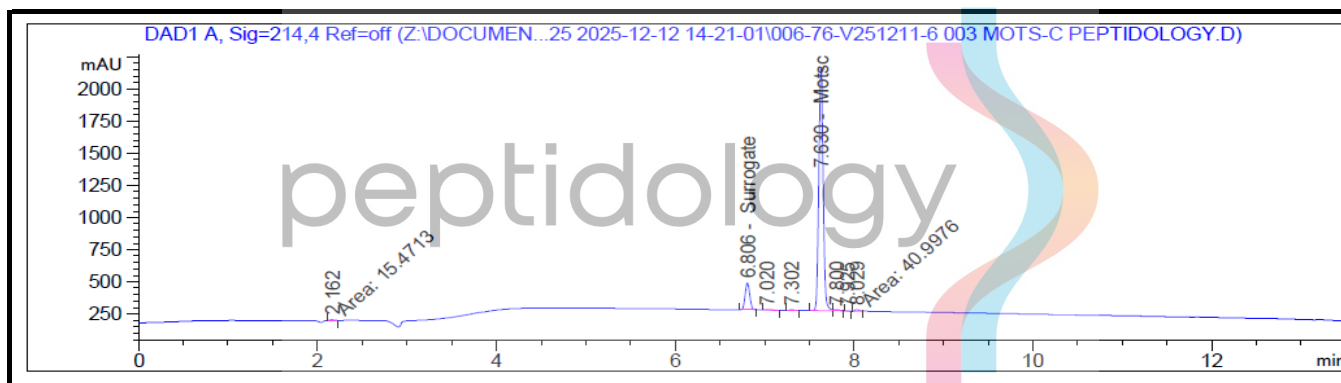
Compound: MOTS-C

Amount: 10 mg

Laboratory ID: V251211-6 003

Date Reported: 12/30/2025

Lot Number: 1668



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	99.08% + 0.18%
Assay	HPLC-UV/VIS	9.59 mg



Report By: Dustin Newman, Laboratory Director on 12/30/2025

Approved By: Tori Johnson, Operations Manager on 12/30/2025

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



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Analyte	Method	LOQ (ppm)	Result (ppm)
Chromium (Cr)	ICP-MS	0.025	ND
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 251218

Analysis	Method	Result
Endotoxins	LAL	PASS - <0.05 EU/mg*
Sterility	USP <71>	PASS - No microorganisms present in sample tested.

\*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 12/30/2025

Approved By: Tori Johnson, Operations Manager on 12/30/2025

ND: Non-Detect

LOD: Limit of Quantification



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## LABORATORY REPORT

Peptidology  
11111 N Scottsdale Rd  
Scottsdale, AZ 85254  
  
Phone: 480-974-4660

Account #: E74035  
Sample Name: MOTS-c  
Lot #: 1668  
Storage Conditions: Room Temperature

Date Received: 12/11/2025

Submission #: ETX-251210-0636



### **Microbiology Tests:**

#### **ScanRDI Sterility Test**

**Method Suitability:** No Method Suitability on file

**Result:** Pass

Date Started: 12/11/2025

Date Completed: 12/15/2025

Respectfully submitted,  
EAGLE ANALYTICAL SERVICES INC.

Alison Eng, Quality Control Manager

**Results apply only to the tested sample(s) as received.**