Proof Point Analytical
3950 Austell Road, Austell, GA 30106
admin@proofpointanalytical.com | proofpointanalytical.com

Certificate of Analysis

MOTS-C 10mg PASS

Tested for: Prism Labs
prismlabs.store

COA # PPA-COA-2026-108483	**Lot Number** 108483
Accession # PPA-2026-108483	**Concentration** 10mg
Sample Matrix Lyophilized	**Method** Full QC Panel
Analysis Date 04/08/2026	**Appearance** Good
Volume 3mL	**Received** 04/03/2026

Identity
MOTS-c

Purity
99.11%

Scan to verify authenticity

https://www.proofpointanalytical.com/coa-lookup/?code=JI6W1Z0A

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.11%	%	**PASS**
Net Content	Report Only	10.35mg	N/A	N/A
Identity (ID)	MOTS-c	Confirmed	-	**PASS**

Authorized Review
Lab Director

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HPLC Conformity Testing Results

Sample	Purity	NPC	ID Result	Status
Dedicated V0	98.99%	10.37 mg	Confirmed	**PASS**
Conformity V1	99.11%	10.35 mg	Confirmed	**PASS**
Mean	99.05%	10.36 mg	-	-
Std Dev	0.0600%	0.0100 mg	-	-

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	Not Detected	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	**PASS**
Chromium (Cr)	NMT 10 ppm	Not Detected	**PASS**
Mercury (Hg)	NMT 1.5 ppm	Not Detected	**PASS**
Lead (Pb)	NMT 1 ppm	Not Detected	**PASS**

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	No Growth	**PASS**

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Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	NMT 0.05 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative screening value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies across product types.

Notes & Methodology

1. Methods: Purity & Quant (HPLC), identity confirmation, heavy metals screening, sterility PCR, and endotoxin review as applicable.
2. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks.
3. Identity confirmed by chromatographic retention time comparison and analytical review against expected product identity.
4. Elemental impurities analyzed by ICP-MS screening methodology using internal quality limits for research-use materials.
5. Results relate only to the item tested and are intended for research-use-only materials.

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Verify COA