# CERTIFICATE OF ANALYSIS

TESTED PEPTIDE: **MOTS-C**

Scan to Verify COA Authenticity

## SAMPLE INFORMATION

**Sample Name:** MOTS-C 10MG
**Lot Number:** SD-260701-1
**Sample Matrix:** Lyophilized Peptide
**Manufactured Date:** July 1, 2026
**Received Date:** August 19, 2026

**Sample ID:** 0912.OPT.260818
**Client:** Elite Gen Labs
**Intended Use:** Research Use Only
**Expiration Date:** July 1, 2027
**Report Date:** August 29, 2026

| IDENTITY | POTENCY | PURITY |
|---|---|---|
| MOTS-C | 9.63 mg/vial | 99.7% |
| LC-MS | HPLC | RP-HPLC |

| ENDOTOXIN | HEAVY METALS | STERILITY |
|---|---|---|
| PASS | PASS | PASS |
| LAL | ICP-OES | USP <71> |

## RESULTS SUMMARY

| TEST PANEL | METHOD | SPECIFICATION | RESULT | STATUS |
|---|---|---|---|---|
| Identity Verification | LC-MS | - | MOTS-c | TESTED |
| Potency (Assay) | HPLC | - | 9.63 mg/vial | TESTED |
| Purity | RP-HPLC | ≥ 98.0% | 99.7% | TESTED |
| Endotoxin | LAL | ≤ 0.05 EU/mg | Pass | PASS |
| Sterility | USP <71> | No Growth | Pass | PASS |
| Total Yeast & Mold | USP <61>/<62> | Within Limits | Pass | PASS |
| Heavy Metals | ICP-OES | Within Limits | Pass | PASS |



QUALITY GUARANTEED

**Analyst**
Bryan Zahakaylo
Date: August 29, 2026

ND = Not Detected, NR = Not Reported, LOD = Limit of Detection, and LOQ = Limit of Quantitation. Results reported herein relate only to the specific sample tested. Optiq Health Labs, LLC makes no claims regarding the efficacy, safety, suitability, purity, sterility, or other risks associated with any detected or non-detected compounds, analytes, or reported values. This Certificate of Analysis shall not be reproduced except in full, without the written approval of Optiq Health Labs, LLC. This Certificate of Analysis is limited to the sample received and tested by the laboratory and does not represent or warrant the quality, composition, or characteristics of any other sample, lot, batch, product, or material. Any statements, representations, labeling, or claims regarding the intended use, application, or purpose of the tested material are solely those of the client and do not constitute, imply, or reflect any recommendation, endorsement, certification, or intended use determination by Optiq Health Labs, LLC.

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## Heavy Metals

Instrument: **ICP-OES** Analysis Date: **August 29, 2026** **PASS**

| Analyte | LOD (µg/g) | LOQ (µg/g) | Action Limit (µg/g) | Result (µg/g) | Status |
|---|---|---|---|---|---|
| Arsenic | 0.015 | 0.05 | 0.2 | 0 | PASS |
| Cadmium | 0.0113 | 0.05 | 0.2 | 0 | PASS |
| Lead | 0.00615 | 0.05 | 0.5 | 0 | PASS |
| Mercury | 0.00126 | 0.005 | 0.1 | 0 | PASS |



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