

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

MOTS-C - 40mg

PASS



Tested for: NextGen Peptides
www.NGpeptide.com

COA #: **COA-2026-RISHQX**
Lot Number: **MTS40-07**
Accession #: **ACC-2026-2770**
Concentration: **40mg**
Sample Matrix: **Lyophilized**

Method: **Full QC Panel**
Analysis Date: **05/23/2026**
Appearance: **Good**
Volume: **3mL**
Received: **05/19/2026**



Scan to verify
authenticity at ils-lab.com

Identity

MOTS-C

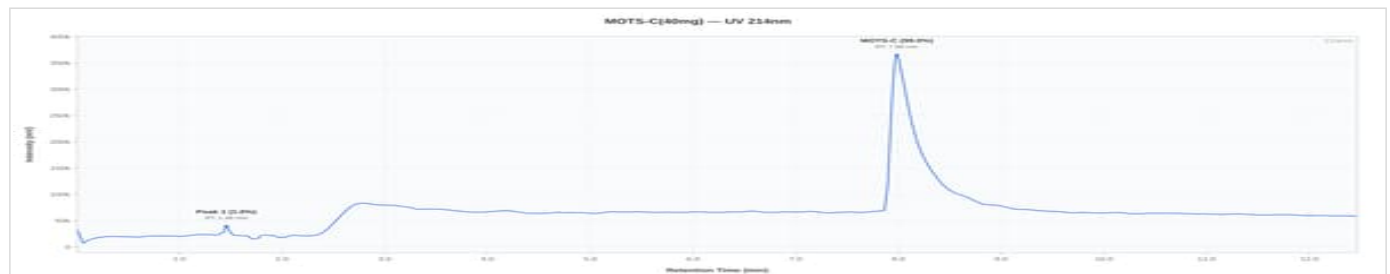
Purity

99.04%

Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.04%	%	PASS
Net Peptide Content	Report Only	41.39	mg	N/A
Identity (ID)	MOTS-C	Confirmed	-	PASS

HPLC Chromatogram



MOTS-C 40mg - MTS40-07: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

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



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
5/24/2026

COA #: **COA-2026-RISHQX**
Access Code: **7NYDFSBG**
Verify: <portal.ils-lab.com/verify/XndKT5CheYvyHnmW>
Issued: 5/24/2026



Certificate of Analysis

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Sterility Testing (PCR)

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

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.059 EU/mL	Reported

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

- Date Tested: 05/23/2026. Methods: Full QC Panel.
- The sample was confirmed to be MOTS-C by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
- Endotoxin acceptance limits are product-specific. Results reported for client evaluation.



Handwritten signature

Dr. Greg Kalyuzhny
Lab Director
5/24/2026

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Access Code: 7NYDFSBG
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