

ILS Laboratories

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MOTS-C 40mg - 40mg

Tested for: Primal King Peptides

<https://primalkingpeptides.com/>

COA #: COA-2026-955358
Lot Number: PK-MS40 40 MG
Labeled Content: 40mg
Volume: 3mL

Analysis Date: 06/09/2026
Appearance: Good
Volume: 3mL
Date Received: 06/03/2026

Method: Full QC Panel

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: TMMLADNK

Identity	Peptide Purity
MOTS-C 40mg	99.90%

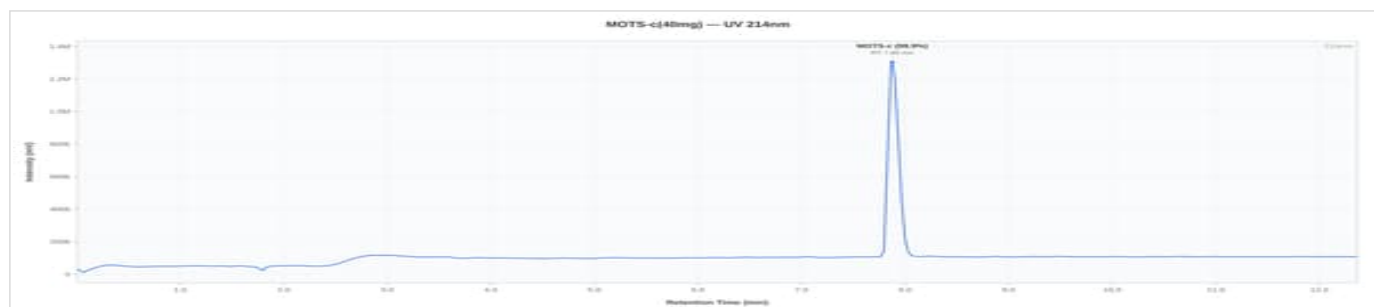
Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Net Peptide Content	Report Only	42.86	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS



MOTS-C 40mg 40mg - PK-MS40 40 MG

HPLC Chromatogram



MOTS-C 40mg 40mg - PK-MS40 40 MG: UV Chromatogram

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
Lead (Pb)	NMT 1 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS

Sterility Testing (PCR)

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



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
6/10/2026

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Access Code: TMMLADNK
Verify: portal.ils-lab.com/verify/9pHQV_99VWWoScTZ
Issued: 6/10/2026

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 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

1. Date Tested: 08/10/2026. Methods: Full QC Panel.
2. The sample was confirmed to be MOTS-C 40mg by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. 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. Non-peptide process-related impurities, if detected, are excluded from the calculation.




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