

ILS Laboratories

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

MOTS-c 20mg - 20mg

lumi PEPTIDES Tested for: Lumi Peptides
lumipeptides.com

PASS

COA #: COA-2026-0007
Lot Number: LPMOTS20-001
Concentration: 20mg
Received: 03/31/2026

Method: Full Peptide QC Panel
Analysis Date: 04/04/2026
Appearance: Good



Scan to verify
authenticity at ils-lab.com

Identity

MOTS-c 20mg

Purity

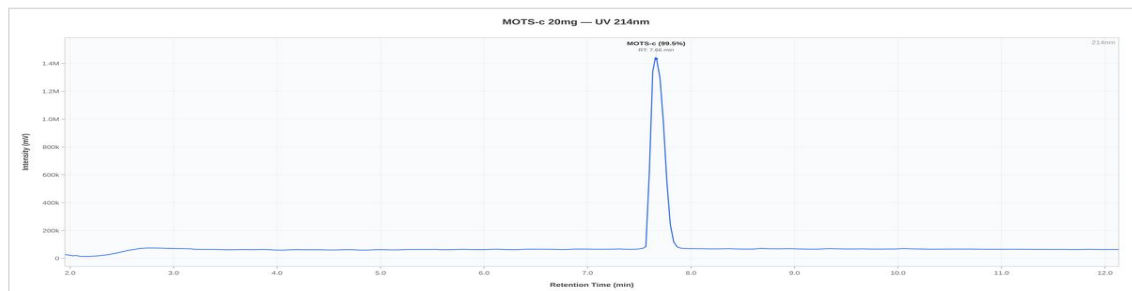
99.54%

Full Peptide QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	> 98%	99.54%	%	PASS
Net Peptide Content	Report Only	20.9	mg	N/A
Identity (ID)	MOTS-c	Confirmed	-	PASS
Sterility (PCR)	No Growth	No Growth	-	PASS
Endotoxin (USP <85>)	< 0.05 EU/mL	NMT 0.05 EU/mL		PASS

Date Tested: 04/04/2026 | Method: Full Peptide QC Panel

HPLC Chromatogram



Representative chromatogram, Conformity Sample 2 (99.85% purity, closest to batch mean of 99.77%)

The sample was confirmed to be MOTS-c 20mg by HPLC. Identification by chromatographic retention time comparison with a reference standard.



MOTS-c 20mg 20mg -
LPMOTS20-001



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
4/4/2026

COA #: COA-2026-0007
Access Code: VLPL0_40
Verify: <portal.ils-lab.com/verify/HMGZfUJplcn6-aH>
Issued: 4/4/2026



Certificate of Analysis

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PASS

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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

Elemental impurities analyzed by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) per USP <233> methodology.

Conformity Testing Results (3 samples tested)

Sample	Purity	Net Content	ID	Result
Dedicated Sample 1	99.54%	20.9 mg	Confirmed	PASS
Conformity Sample 1	99.92%	20.98 mg	Confirmed	PASS
Conformity Sample 2	99.85%	20.97 mg	Confirmed	PASS
Mean	99.77%	20.95 mg	—	—
Std Dev	0.1651%	0.0356 mg	—	—

Representative chromatogram, Conformity Sample 2 (99.85% purity, closest to batch mean of 99.77%)



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Lab Director
4/4/2026

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