

ILS Laboratories

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MOTS-C - 40mg

Tested for: Peptides Optimized

COA #: COA-2026-0WF30U
Lot Number: MS40-J19
Labeled Content: 40mg
Volume: 3mL

Analysis Date: 09/21/2026
Appearance: Good
Volume: 3mL
Date Received: 09/16/2026

Method: Purity, Identity & Quantitation (HPLC)

PASS

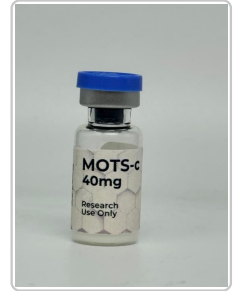


Scan to verify
authenticity at ils-lab.com
Access Code: WWULC3NX

Identity	Peptide Purity	Fentanyl Free
MOTS-C	99.90%	

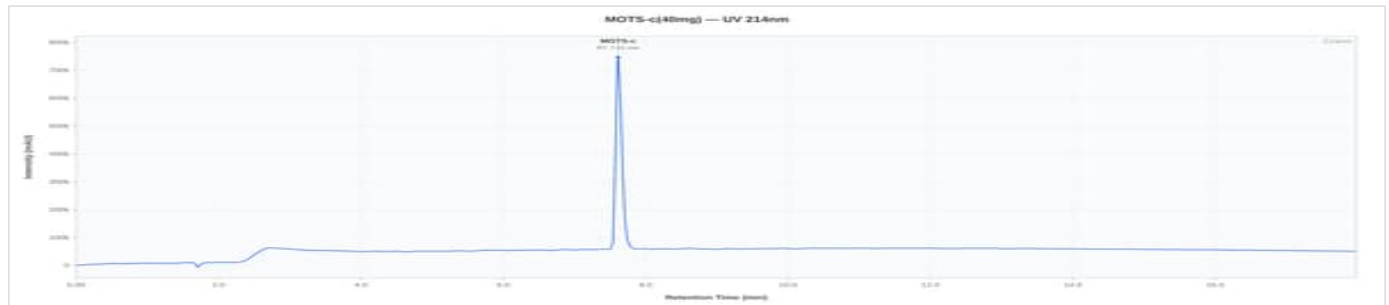
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.90%	%	PASS
Net Peptide Content	Report Only	42.41	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



MOTS-C 40mg - MS40-J19

HPLC Chromatogram



MOTS-C 40mg - MS40-J19: UV Chromatogram

Notes & Methodology

- Date Tested: 09/21/2026. Methods: Purity, Identity & Quantitation (HPLC).
- The sample was confirmed to be MOTS-C by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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.
- Purity values are capped at 99.9% to reflect instrument limit of detection (LOD). Trace impurities below the detection threshold may be present.
- Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
- This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.