

ILS Laboratories

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

MOTS-C - 40mg

Tested for: Astral Peptide

www.astralpeptide.com

COA #: COA-2026-WJD_9Q
Lot Number: AST-MS40-001
Labeled Content: 40mg

Analysis Date: 08/06/2026
Appearance: Good
Date Received: 07/27/2026

Method: Purity, Identity & Quantitation (HPLC)

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: Q2WDU8CB

Identity
MOTS-C

Peptide Purity
99.61%



Fentanyl
Free

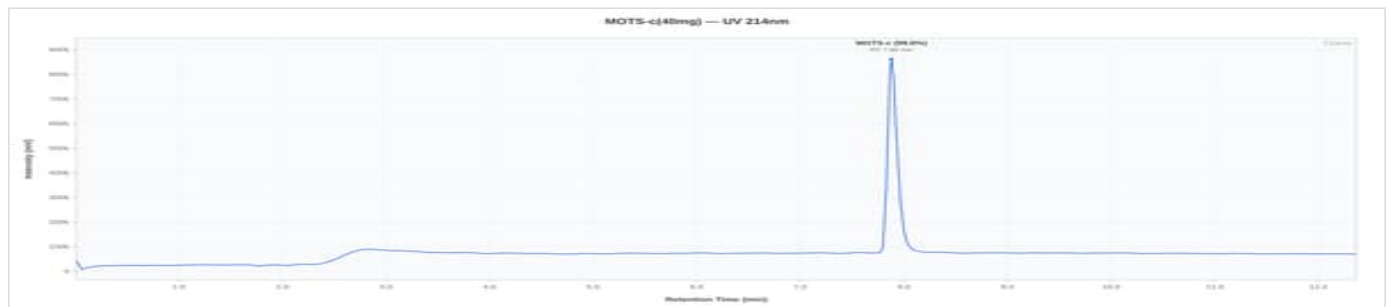
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.61%	%	PASS
Net Peptide Content	Report Only	42.18	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



MOTS-C 40mg -
AST-MS40-001

HPLC Chromatogram



MOTS-C 40mg - AST-MS40-001: UV Chromatogram

Notes & Methodology

- Date Tested: 08/06/2026. 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.



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
8/6/2026

COA #: COA-2026-WJD_9Q
Access Code: Q2WDU8CB
Verify: portal.ils-lab.com
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