

ILS Laboratories

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

MOTS-C - 10mg



Tested for: Nexen Compounds
nexencompounds.com

COA #: COA-2026-1X1TJR
Lot Number: 20260723
Labeled Content: 10mg
Volume: 3mL

Analysis Date: 08/10/2026
Appearance: Good
Volume: 3mL
Date Received: 07/27/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: 8SAR2DDG

Method: Purity, Identity & Quantitation (HPLC)

Identity	Peptide Purity	Fentanyl Free
MOTS-C	99.68%	

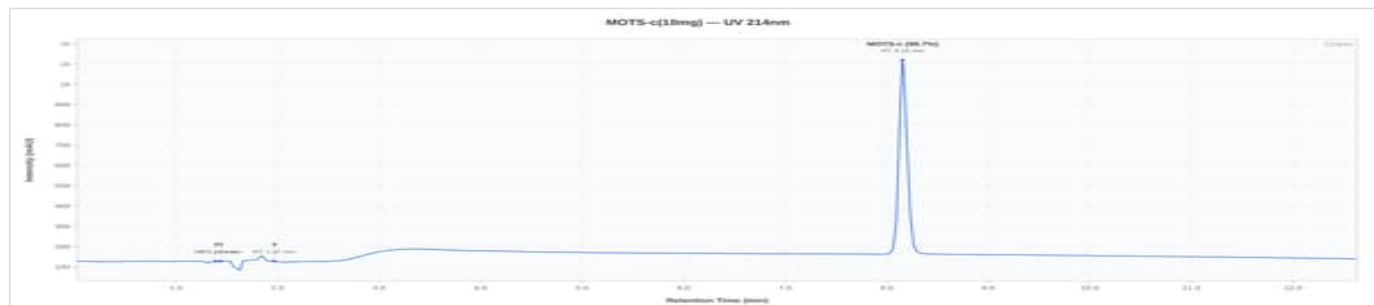
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.68%	%	PASS
Net Peptide Content	Report Only	10.32	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



MOTS-C 10mg - 20260723

HPLC Chromatogram



MOTS-C 10mg - 20260723: UV Chromatogram

Notes & Methodology

- Date Tested: 08/10/2026. 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
8/10/2026

COA #: COA-2026-1X1TJR
Access Code: 8SAR2DDG
Verify: portal.ils-lab.com
Issued: 8/10/2026