Certificate of Analysis

ILS Laboratories
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MOTS-c - 40mg

Tested for: Amino Repo

PASS

Scan to verify authenticity at ils-lab.com
Access Code: W9Y6CKZK

COA #:	**COA-2026-GJXAF8**	Analysis Date:	**07/21/2026**
Lot Number:	**0206177**	Appearance:	**Good**
Labeled Content:	**40mg**	Volume:	**3mL**
Volume:	**3mL**	Date Received:	**07/08/2026**

Method: **Purity, Identity & Quantitation (HPLC)**

Identity	Peptide Purity	
MOTS-c	**99.84%**	**Fentanyl Free**

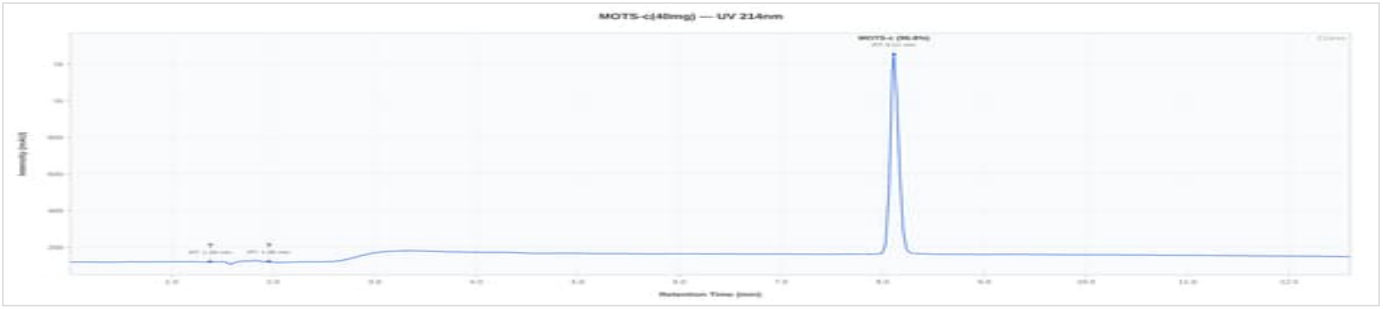


MOTS-c 40mg - 0206177

Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.84%**	%	**PASS**
Net Peptide Content	Report Only	**41.09**	mg	N/A
Identity (HPLC-RTM)	MOTS-c	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



MOTS-c 40mg - 0206177: UV Chromatogram

Notes & Methodology

1. Date Tested: 07/21/2026. Methods: Purity, Identity & Quantitation (HPLC).
2. The sample was confirmed to be MOTS-c by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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
Lab Director
7/21/2026

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Issued: 7/21/2026