

ILS Laboratories

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MOTS-C - 40mg

Tested for: DMV Research


PASS

COA #: **COA-2026-G60PQH**
Lot Number: **LOT-2026-001**
Accession #: **ACC-2026-4473**
Labeled Content: **40mg**

Method: **Blend Purity & Quant (HPLC)**
Analysis Date: **06/15/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Date Received: **06/10/2026**



Scan to verify authenticity at ils-lab.com
Access Code: ZAU9PA2A

Identity	Peptide Purity	 Fentanyl Free
MOTS-C	99.65%	

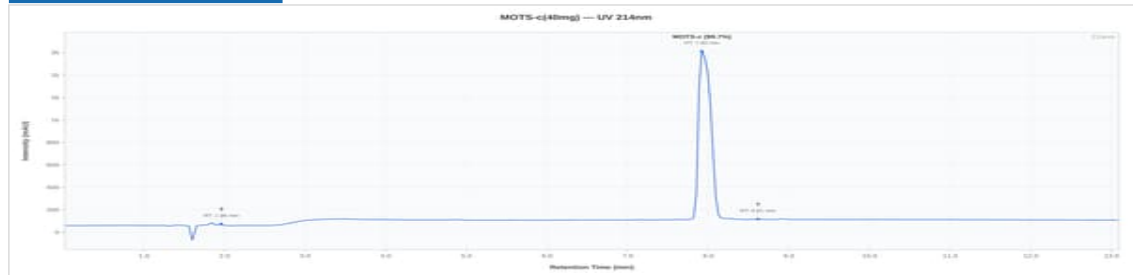
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.65%	%	PASS
Net Peptide Content	Report Only	41.33	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



MOTS-C 40mg - LOT-2026-001

HPLC Chromatogram



MOTS-C 40mg - LOT-2026-001: UV Chromatogram

Notes & Methodology

- Date Tested: 06/15/2026. Methods: Blend Purity & Quant (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
Lab Director
6/15/2026

COA #: **COA-2026-G60PQH**
Access Code: **ZAU9PA2A**
Verify: portal.ils-lab.com/verify/8aqXBj4Py2tKyX6U
Issued: 6/15/2026