



Certificate of Analysis

ILS Laboratories
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MOTS-C - 10mg
Tested for: PureCompoundingLabs.com
www.purecompoundinglabs.com

COA #: COA-2026-JOYODA
Lot Number: LOT-2026-332
Accession #: ACC-2026-5957
Labeled Content: 10mg

Analysis Date: 07/04/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/21/2026

PASS



Method: Purity & Quant (HPLC)

Identity
MOTS-C

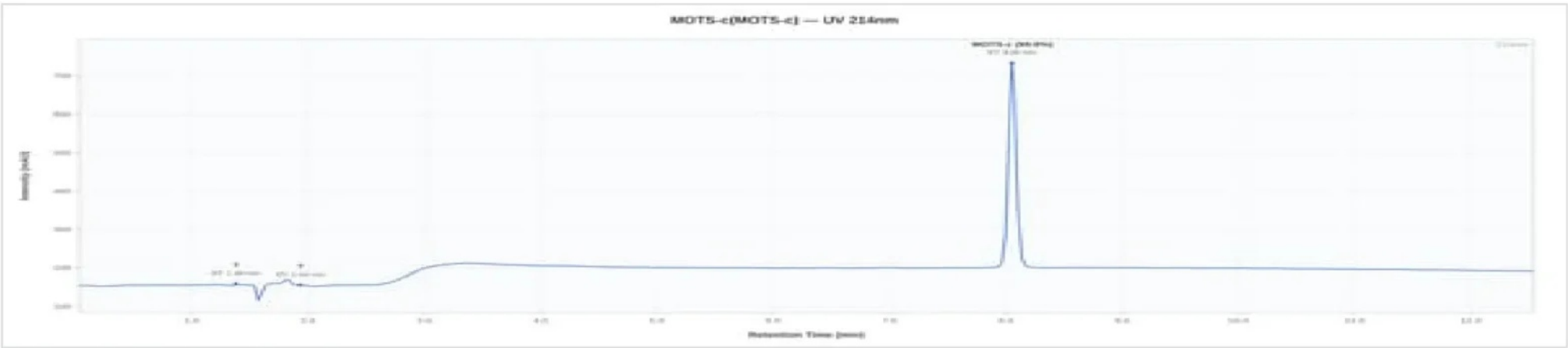
Peptide Purity
99.75%

Fentanyl Free

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.75%	%	PASS
Net Peptide Content	Report Only	10.34	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



MOTS-C 10mg - LOT-2026-332: UV Chromatogram

Notes & Methodology

- 1. Date Tested: 07/04/2026. Methods: Purity & Quant (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
7/4/2026

COA #: COA-2026-JOYODA
Access Code: VRJSMFTD
Verify: portal.ils-lab.com/verify/1MZx2f0dq9p5Guby
Issued: 7/4/2026