

ILS Laboratories

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MOTS-C - 10mg



Tested for: Vault Labs Research
www.vaultlabsresearch.net

COA #: COA-2026-DDISZ1
Lot Number: VLR-MS10-0726
Labeled Content: 10mg
Volume: 3mL

Analysis Date: 07/24/2026
Appearance: Good
Volume: 3mL
Date Received: 07/09/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: EKDP796Z

Method: Purity, Identity & Quantitation (HPLC)

Identity

MOTS-C

Peptide Purity

99.76%

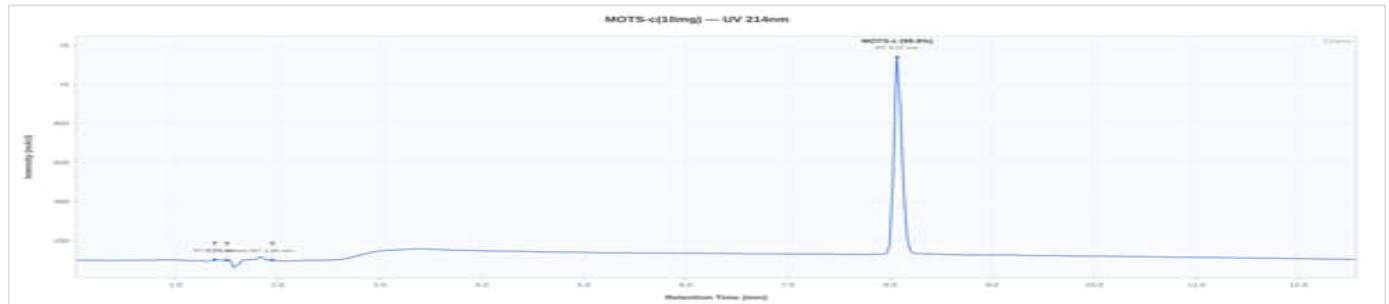


Fentanyl
Free

Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.76%	%	PASS
Net Peptide Content	Report Only	10.51	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 - VLR-MS10-0726: UV Chromatogram

Notes & Methodology

- Date Tested: 07/24/2026. 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

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Lab Director
7/24/2026

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Verify: portal.ils-lab.com
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