

ILS Laboratories

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MOTS-C - 40mg

Tested for: Coastalon

PASS

COA #: COA-2026-H0D_ED
Lot Number: 5263
Accession #: ACC-2026-3983
Labeled Content: 40mg

Method: Blend Purity & Quant (HPLC)
Analysis Date: 06/10/2026
Appearance: Good
Sample Matrix: Lyophilized
Date Received: 06/04/2026



Scan to verify
authenticity at ils-lab.com
Access Code: 8EZ3SNE5

Identity

MOTS-C

Peptide Purity

99.51%



Fentanyl
Free

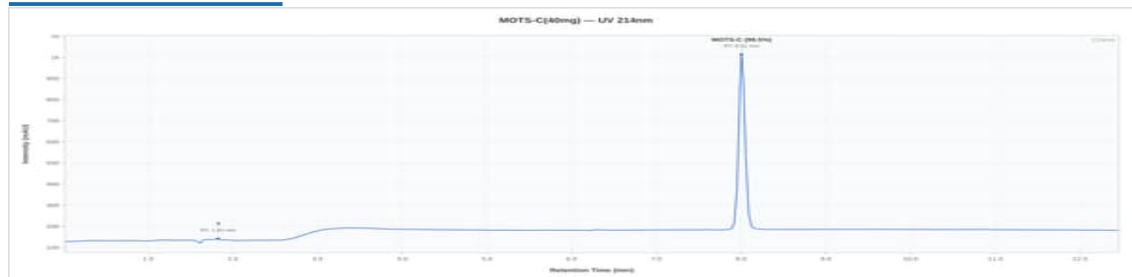
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.51%	%	PASS
Net Peptide Content	Report Only	41.66	mg	N/A
Identity (HPLC-RTM)	MOTS-C	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



MOTS-C 40mg - 5263

HPLC Chromatogram



MOTS-C 40mg - 5263: UV Chromatogram

Notes & Methodology

- Date Tested: 06/10/2026. 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

Dr. Greg Kalyuzhny
Lab Director
6/10/2026

COA #: COA-2026-H0D_ED
Access Code: 8EZ3SNE5
Verify: portal.ils-lab.com/verify/_VGKmDtMQjsbEqpE
Issued: 6/10/2026