

ILS Laboratories

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MOTS-C - 10mg



Tested for: Bakersfield Aminos
bakersfieldaminos.com

COA #: COA-2026-BCRSU7
Lot Number: BAK-02-0526
Accession #: ACC-2026-4167
Labeled Content: 10mg

Method:
Analysis Date:
Appearance:
Sample Matrix:
Date Received:

Blend Purity & Quant (HPLC)
06/11/2026
Good
Lyophilized
06/06/2026

PASS



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

Identity

MOTS-C

Peptide Purity

99.80%



Fentanyl
Free

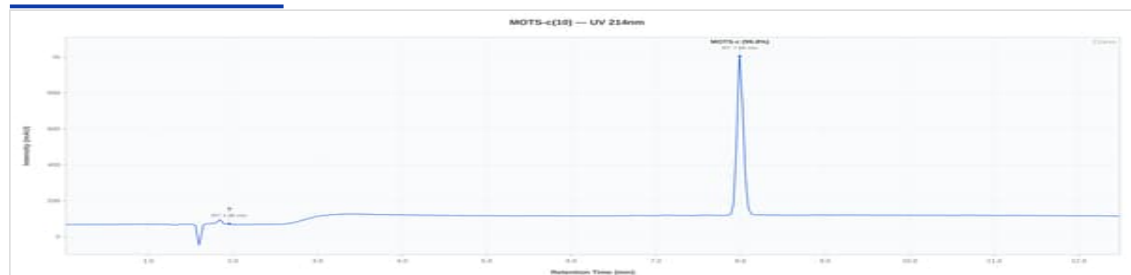
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.80%	%	PASS
Net Peptide Content	Report Only	10.46	mg	N/A
Identity (HPLC-RTM)	MOTS-c	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



MOTS-C 10mg - BAK-02-0526

HPLC Chromatogram



MOTS-C 10mg - BAK-02-0526: UV Chromatogram

Notes & Methodology

- Date Tested: 06/11/2026. 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
6/11/2026

COA #: COA-2026-BCRSU7
Access Code: BSUGBHXR
Verify: portal.ils-lab.com/verify/k3azbTVV0iJgXO4X
Issued: 6/11/2026