Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

MOTS-C - 20mg

Tested for: Peptides Optimized

PASS

Scan to verify authenticity at ils-lab.com
Access Code: CK2QMHDA

COA #:	**COA-2026-AT0MUX**	Analysis Date:	**08/15/2026**
Lot Number:	**MS20-260806**	Appearance:	**Good**
Labeled Content:	**20mg**	Date Received:	**08/11/2026**

Method: **Purity, Identity & Quantitation (HPLC)**

Identity	Peptide Purity	
MOTS-C	**99.57%**	**Fentanyl Free**

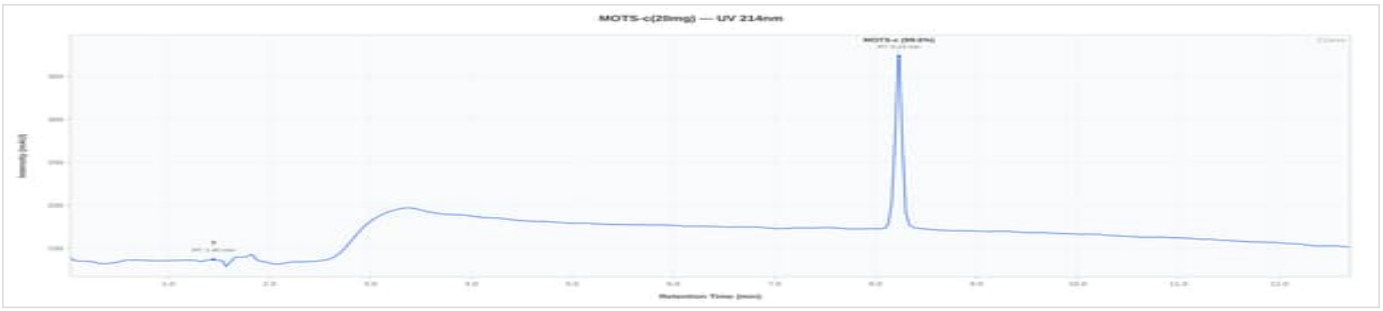


MOTS-C 20mg - MS20-260806

Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.57%**	%	**PASS**
Net Peptide Content	Report Only	**20.55**	mg	N/A
Identity (HPLC-RTM)	MOTS-c	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



MOTS-C 20mg - MS20-260806: UV Chromatogram

Notes & Methodology

1. Date Tested: 08/15/2026. Methods: Purity, Identity & Quantitation (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.
4. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.

Dr. Greg Kalyuzhny
Lab Director
8/15/2026

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Verify: portal.ils-lab.com
Issued: 8/15/2026