Certificate of Analysis

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

MOTS-C - 10mg

Tested for: Felix Chem LLC

PASS

COA #:	**COA-2026-VUWFMK**	Method:	**Full QC Panel**
Lot Number:	**052826-MOT-8**	Analysis Date:	**06/06/2026**
Accession #:	**ACC-2026-3609**	Appearance:	**Good**
Labeled Content:	**10mg**	Sample Matrix:	**Lyophilized**
		Date Received:	**05/30/2026**

Scan to verify authenticity at ils-lab.com
Access Code: FGZQP8D5

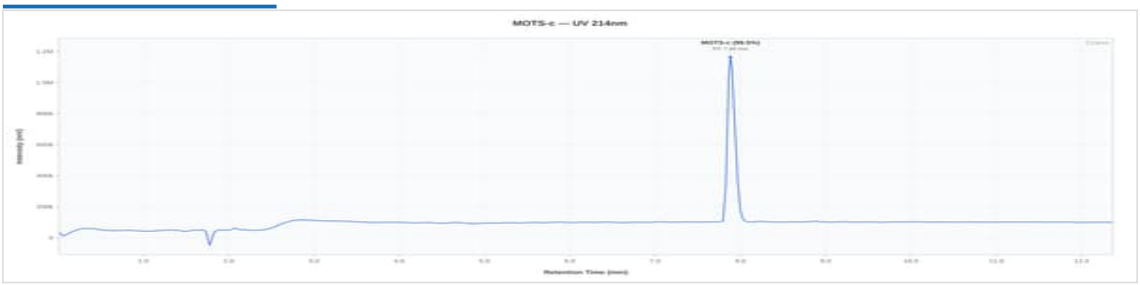
Identity	Peptide Purity	
MOTS-C	**99.51%**	**Fentanyl Free**

MOTS-C 10mg - 052826-MOT-8

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.51%**	%	**PASS**
Net Peptide Content	Report Only	**10.51**	mg	N/A
Identity (HPLC-RTM)	MOTS-c	**Confirmed**	-	**PASS**
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.311**	ppm	**PASS**
Cadmium (Cd)	<= 0.5 ppm	**0.142**	ppm	**PASS**
Lead (Pb)	<= 1.0 ppm	**0.201**	ppm	**PASS**
Mercury (Hg)	<= 1.5 ppm	**0.45**	ppm	**PASS**
Chromium (Cr)	<= 10.0 ppm	**0.572**	ppm	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



MOTS-C 10mg - 052826-MOT-8: UV Chromatogram

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Dr. Greg Kalyuzhny
Lab Director
6/6/2026

COA #: **COA-2026-VUWFMK**
Access Code: **FGZQP8D5**
Verify: portal.ils-lab.com/verify/3MTyCsG2vW9idMuA
Issued: 6/6/2026

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**NMT 0.05 EU/mL**	**Reported**

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 06/06/2026. Methods: Full QC Panel.
2. The sample was confirmed to be MOTS-C by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
4. 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
6/6/2026

COA #: **COA-2026-VUWFMK**
Access Code: **FGZQP8D5**
Verify: portal.ils-lab.com/verify/3MTyCsG2vW9idMuA
Issued: 6/6/2026