Certificate of Analysis

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

MOTS-C - 10mg

PASS

Tested for: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412618**	Method:	**Full QC Panel**
Lot Number:	**GL-010121**	Analysis Date:	**05/23/2026**
Accession #:	**ACC-2026-2871**	Appearance:	**Good**
Concentration:	**10mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/20/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
MOTS-C	**99.88%**	Fentanyl Free



MOTS-C 10mg - GL-010121

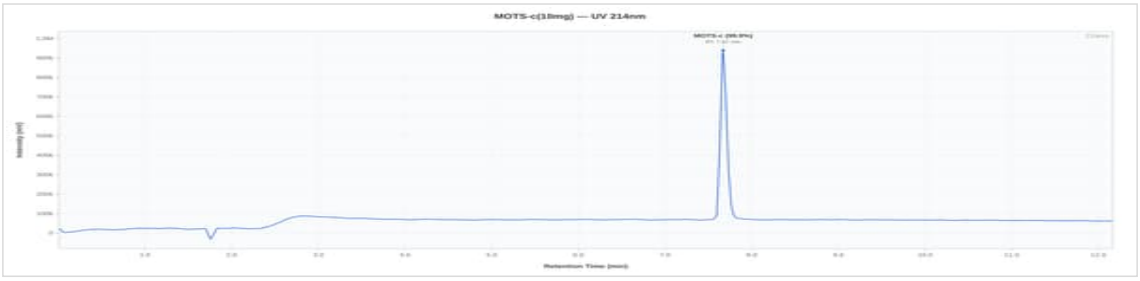
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.88%**	%	PASS
Net Peptide Content	Report Only	**10.55**	mg	N/A
Identity (ID)	MOTS-C	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	PASS

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**< 0.5**	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	**< 0.1**	ppm	PASS
Lead (Pb)	<= 1.0 ppm	**< 0.5**	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	**< 0.5**	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	**< 1.0**	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.88% purity, closest to batch mean of 99.81%)

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Dr. Greg Kalyuzhny
Lab Director
5/24/2026

COA #: **COA-2026-412618**
Access Code: **LREDTVLO**
Verify: portal.ils-lab.com/verify/Lp63BVa0e6ZI_-7q
Issued: 5/24/2026

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HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.88%	10.55 mg	Confirmed	**PASS**
Conformity V1	99.73%	10.29 mg	Confirmed	**PASS**
Mean	**99.81%**	**10.42 mg**	—	—
Std Dev	**0.0750%**	**0.1300 mg**	—	—

Sterility Testing (PCR)

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

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**0.052 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.

Certificate Change History — **ILS QA**

Revision 1 – reissued October 30, 2026
Certificate statement updated. Test results are unchanged. Supersedes the original issued 05/24/2026.

Notes & Methodology

1. Date Tested: 05/23/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be MOTS-C by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin acceptance limits are product-specific. Results reported for client evaluation.
4. Chromatogram shown is representative: Dedicated V0 (99.88% purity, closest to batch mean of 99.81%).

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Lab Director
5/24/2026

COA #: **COA-2026-412618**
Access Code: **LREDTVLO**
Verify: portal.ils-lab.com/verify/Lp63BVa0e6ZI_-7q
Issued: 5/24/2026