Certificate of Analysis

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

MT1 - 10mg

PASS

Tested for: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412627**	Method:	**Full QC Panel**
Lot Number:	**GL-010129**	Analysis Date:	**05/30/2026**
Accession #:	**ACC-2026-3190**	Appearance:	**Good**
Concentration:	**10mg**	Volume:	**3mL**
		Received:	**05/23/2026**

Scan to verify authenticity at ils-lab.com

Identity	Peptide Purity	
MT1	**99.61%**	Fentanyl Free



MT1 10mg - GL-010129

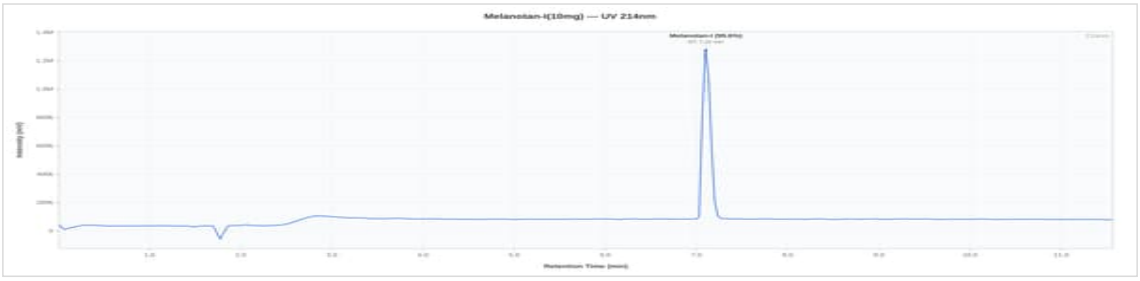
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.61%**	%	PASS
Net Peptide Content	Report Only	**10.54**	mg	N/A
Identity (ID)	Melanotan-I	**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	**0.242 ppm**	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	**Not Detected**	ppm	PASS
Lead (Pb)	<= 1 ppm	**0.1244 ppm**	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	**0.286 ppm**	ppm	PASS
Chromium (Cr)	<= 10 ppm	**0.206 ppm**	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V2 (99.53% purity, closest to batch mean of 99.55%)

Dr. Greg Kalyuzhny
Lab Director
5/30/2026

COA #: **COA-2026-412627**
Access Code: **UOJ-6JZ9**
Verify: portal.ils-lab.com/verify/QagGg96fudq_sL81
Issued: 5/30/2026

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HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.61%	10.54 mg	Confirmed	**PASS**
Conformity V1	99.50%	10.2 mg	Confirmed	**PASS**
Conformity V2	99.53%	10.67 mg	Confirmed	**PASS**
Mean	**99.55%**	**10.47 mg**	—	—
Std Dev	**0.0464%**	**0.1982 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	**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: 05/30/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be MT1 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.
5. Chromatogram shown is representative: Conformity V2 (99.53% purity, closest to batch mean of 99.55%).

Dr. Greg Kalyuzhny
Lab Director
5/30/2026

COA #: **COA-2026-412627**
Access Code: **UOJ-6JZ9**
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Issued: 5/30/2026

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