

ILS Laboratories

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

MT-2 - 10mg

Tested for: NextGen Peptides
www.NGpeptide.com

COA #: COA-2026-A2ASG4
Lot Number: mt10-04
Accession #: ACC-2026-4523
Labeled Content: 10mg

Analysis Date: 06/25/2026
Appearance: Good
Vial Size: 3mL
Date Received: 06/10/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: W39NRGPG

Method: Full QC Panel

Identity

MT-2

Peptide Purity

99.88%

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.88%	%	PASS
Net Peptide Content	Report Only	10.59	mg	N/A
Identity (HPLC-RTM)	Melanotan II	Confirmed	-	PASS
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	0.1334 ppm	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	0.0678 ppm	ppm	PASS
Lead (Pb)	<= 1 ppm	0.1268 ppm	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	0.154 ppm	ppm	PASS
Chromium (Cr)	<= 10 ppm	0.212 ppm	ppm	PASS

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.83% purity, closest to batch mean of 99.76%)

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.56%	10.4 mg	Confirmed	PASS
Conformity V1	99.83%	10.66 mg	Confirmed	PASS
Conformity V2	99.88%	10.59 mg	Confirmed	PASS
Mean	99.76%	10.55 mg	—	—
Std Dev	0.1406%	0.1098 mg	—	—



Dr. Greg Kalyuzhny

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Lab Director
6/25/2026

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Verify: portal.ils-lab.com/verify/PwHRCeeEV2MdsKFh
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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: 06/25/2026. Methods: Full QC Panel.
- 2. The sample was confirmed to be MT-2 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 V1 (99.83% purity, closest to batch mean of 99.76%).





Dr. Greg Kalyuzhny
Lab Director
6/25/2026

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