

ILS Laboratories

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(619) 329-3999 | ils-lab.com

Melanotan I - 10mg

Tested for: Arctic lab Supply

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: PDQFYWD6

COA #: COA-2026-XAJZYM
Lot Number: MT1-2502-B
Labeled Content: 10mg
Volume: 3mL

Analysis Date: 08/08/2026
Appearance: Good
Volume: 3mL
Date Received: 07/28/2026

Method: Full QC Panel

Identity

Melanotan I

Peptide Purity

99.83%



Fentanyl
Free

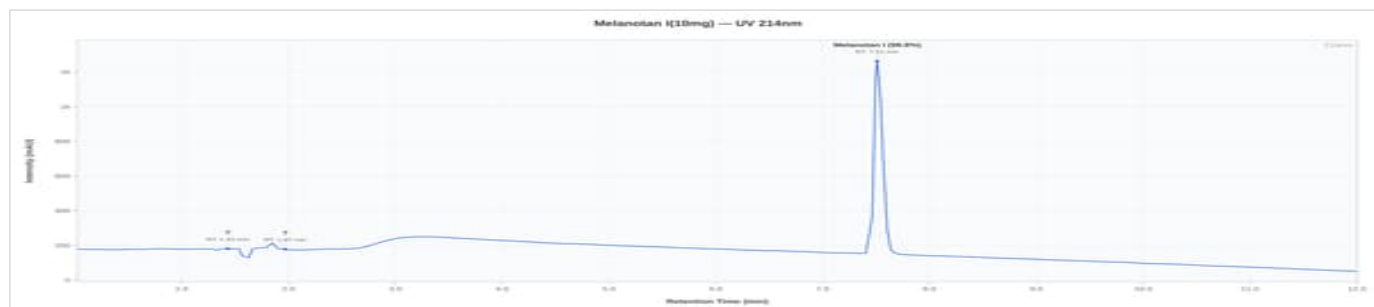
Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.83%	%	PASS
Net Peptide Content	Report Only	10.59	mg	N/A
Identity (HPLC-RTM)	Melanotan I	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



Melanotan I 10mg - MT1-2502-B

HPLC Chromatogram



Melanotan I 10mg - MT1-2502-B: UV Chromatogram

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

- Date Tested: 08/08/2026. Methods: Purity, Identity & Quantitation (HPLC).
- The sample was confirmed to be Melanotan I by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 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.



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Dr. Greg Kalyuzhny
Lab Director
8/8/2026

COA #: COA-2026-XAJZYM
Access Code: PDQFYWD6
Verify: portal.ils-lab.com
Issued: 8/8/2026