

ILS Laboratories

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Melanotan II - 10mg

Tested for: Peptide Foundry

PASS

COA #: COA-2026-YRUKLY
Lot Number: FO776
Accession #: ACC-2026-10311
Labeled Content: 10mg

Analysis Date: 07/19/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 07/16/2026



Scan to verify
authenticity at ils-lab.com
Access Code: KSGK4LSN

Method: Full QC Panel

Identity

Melanotan II

Peptide Purity

99.76%



Fentanyl
Free

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.76%	%	PASS
Net Peptide Content	Report Only	10.45	mg	N/A
Identity (HPLC-RTM)	Melanotan II	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Melanotan II 10mg - FO776: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	.487	PASS
Cadmium (Cd)	NMT 0.5 ppm	.249	PASS
Lead (Pb)	NMT 1.0 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	.628	PASS
Chromium (Cr)	NMT 10.0 ppm	Not Detected	PASS



Dr. Greg Kalyuzhny

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Lab Director
7/19/2026

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Verify: portal.ils-lab.com/verify/AUErJv_MVd3-fcl5
Issued: 7/19/2026

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.

Notes & Methodology

1. Date Tested: 07/19/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Melanotan II by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. 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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