

ILS Laboratories

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Melanotan I - 10mg

Tested for: Value Research Labs

PASS

COA #: COA-2026-953887
Lot Number: VRL-7747354
Accession #: ACC-2026-6296
Labeled Content: 10mg

Analysis Date: 07/07/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/23/2026



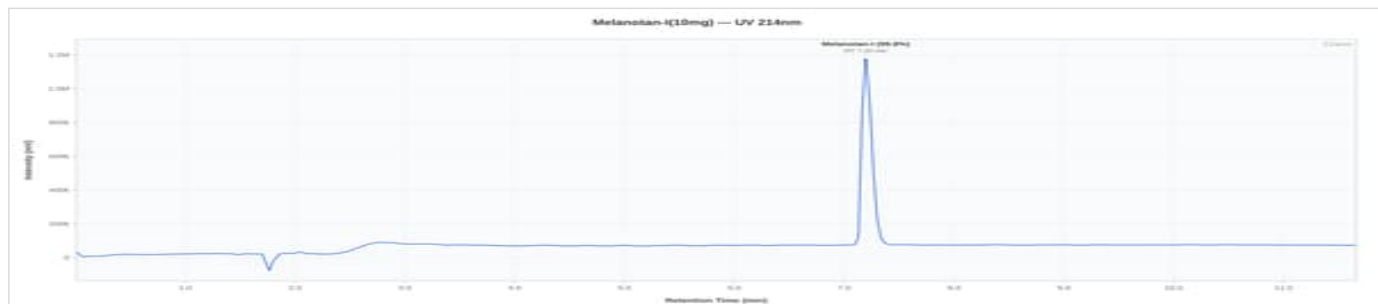
Method: Purity & Quant (HPLC), Endotoxin (USP <85>)

Identity	Peptide Purity	
Melanotan I	99.81%	 Fentanyl Free

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.81%	%	PASS
Net Peptide Content	Report Only	10.51	mg	N/A
Identity (HPLC-RTM)	Melanotan-I	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Melanotan I 10mg - VRL-7747354: UV Chromatogram

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	0.08 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: 07/14/2026. Methods: Purity & Quant (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.



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
7/14/2026

COA #: COA-2026-953887
Access Code: 9AWZXC78
Verify: portal.ils-lab.com/verify/2HJAHT1JUEduVtTX
Issued: 7/14/2026