

ILS Laboratories

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

Melanotan I - 10mg

Tested for: S20 Research, LLC
www.20aminos.com

COA #: COA-2026-953622
Lot Number: B10028
Accession #: ACC-2026-4626
Labeled Content: 10mg

Analysis Date: 06/25/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/11/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: PBLK9SY2

Method: Full QC Panel

Identity

Melanotan I

Peptide Purity

99.92%

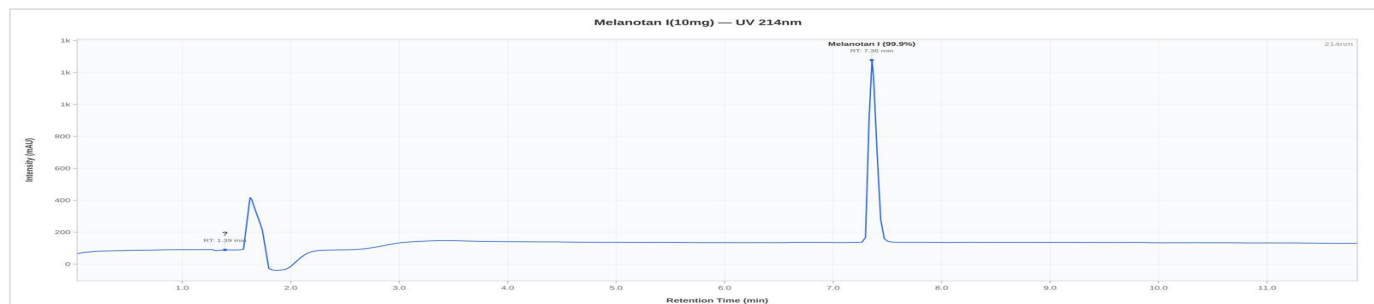


Fentanyl
Free

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.92%	%	PASS
Net Peptide Content	Report Only	10.65	mg	N/A
Identity (HPLC-RTM)	Melanotan I	Confirmed	-	PASS
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	0.0903 ppm	ppm	PASS
Cadmium (Cd)	<= 0.5 ppm	0.0597 ppm	ppm	PASS
Lead (Pb)	<= 1.0 ppm	0.0847 ppm	ppm	PASS
Mercury (Hg)	<= 1.5 ppm	0.1912 ppm	ppm	PASS
Chromium (Cr)	<= 10.0 ppm	0.0826 ppm	ppm	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0



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Dr. Greg Kalyuzhny
Lab Director
7/9/2026

COA #: COA-2026-953622
Access Code: PBLK9SY2
Verify: portal.ils-lab.com/verify/n81EhmQWejUjP4a2
Issued: 7/9/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.92%	10.65 mg	Confirmed	PASS
Conformity V1	99.61%	10.47 mg	Confirmed	PASS
Mean	99.77%	10.56 mg	—	—
Std Dev	0.1550%	0.0900 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: 07/09/2026. Methods: Full QC Panel.
2. The sample was confirmed to be Melanotan I 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: Dedicated V0 (99.92% purity, closest to batch mean of 99.77%).




Dr. Greg Kalyuzhny
Lab Director
7/9/2026

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