Certificate of Analysis

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

Melanotan II - 10

Tested for: Peptara Sciences
peptarasciences.com

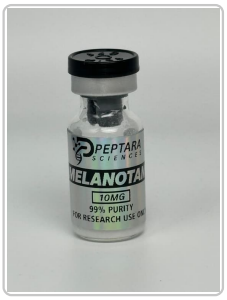
PASS

COA #:	**COA-2026-H26LTR**	Analysis Date:	**09/30/2026**
Lot Number:	**MT2/10-2026-001**	Appearance:	**Good**
Accession #:	**ACC-2026-20994**	Sample Matrix:	**Lyophilized**
Labeled Content:	**10**	Volume:	**3mL**
		Date Received:	**09/24/2026**

Scan to verify authenticity at ils-lab.com
Access Code: 8BR7DL56

Method: **Purity, Identity & Quantitation (HPLC)**

Identity	Peptide Purity	
Melanotan II	**99.90%**	Fentanyl Free



Melanotan II 10 - MT2/10-2026-001

Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.90%**	%	**PASS**
Net Peptide Content	Report Only	**10.35**	mg	N/A
Identity (HPLC-RTM)	Melanotan II	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Melanotan II 10 - MT2/10-2026-001: UV Chromatogram

Notes & Methodology

1. Date Tested: 09/30/2026. Methods: Purity, Identity & Quantitation (HPLC).
2. The sample was confirmed to be Melanotan II by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. 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.
4. Purity values are capped at 99.9% to reflect instrument limit of detection (LOD). Trace impurities below the detection threshold may be present.
5. Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
6. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.

Issued by ILS Laboratories
(619) 329-3999
ils-lab.com

Dr. Greg Kalyuzhny
Lab Director
09/30/2026

COA #: **COA-2026-H26LTR**
Access Code: **8BR7DL56**
Verify: portal.ils-lab.com/verify/z9493SbXoPtQuQLK
Issued: 09/30/2026