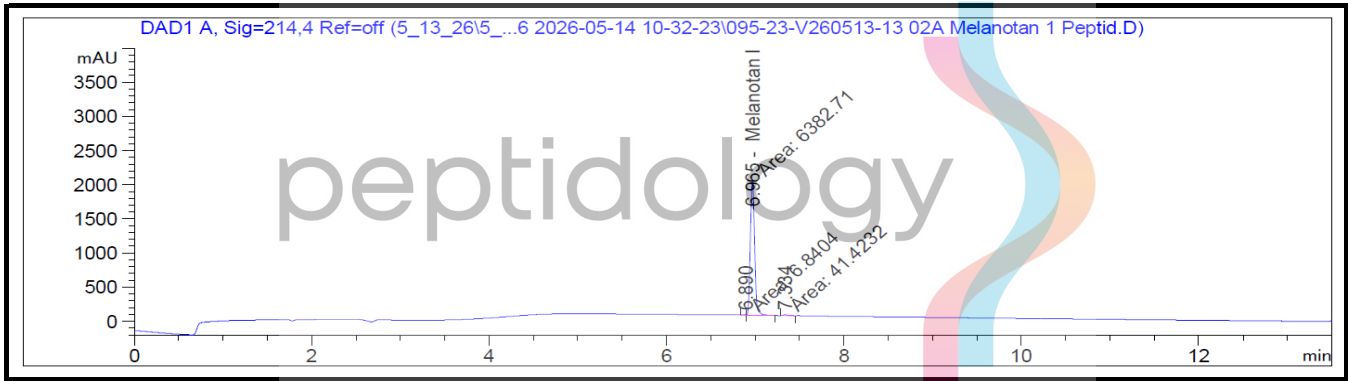


# Certificate of Analysis

Melanotan-1 10 mg

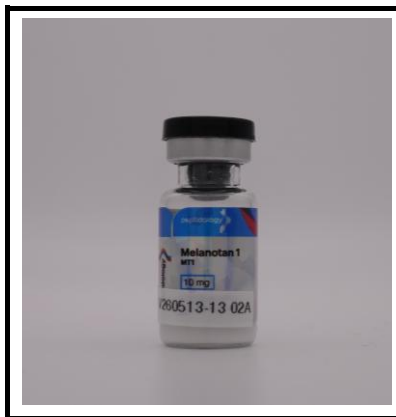
Report To:  
**Peptidology**  
11111 N Scottsdale Rd STE 205  
Scottsdale, AZ 85254  
480-974-4660

Compound: Melanotan-1  
Amount: 10 mg  
Laboratory ID: V260513-13 002  
Date Reported: 5/22/2026  
Lot Number: 1680



Chromatogram for vial A shown above.

Analysis	Method	Result (per Vial)		
Chromatographic Purity	HPLC-UV/VIS	99.25%	99.24%	99.28%
Assay	HPLC-UV/VIS	9.93 mg	9.96 mg	9.95 mg




Report By: Dustin Newman, Laboratory Director on 5/22/2026



Approved By: Tori Johnson, Operations Manager on 5/22/2026



Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



Vanguard Laboratory  
 2635 Parkmont Ln  
 Olympia, Wa 98502  
 360-967-7010

# Certificate of Analysis

Melanotan-1 10 mg

Report To:  
**Peptidology**  
 11111 N Scottsdale Rd STE 205  
 Scottsdale, AZ 85254  
 480-974-4660

Compound: Melanotan-1  
 Amount: 10 mg  
 Laboratory ID: V260513-13 002  
 Date Reported: 5/22/2026  
 Lot Number: 1680

Analyte	Method	LOQ (ppm)	Result (per vial)	
Chromium (Cr)	ICP-MS	0.05	ND	ND
Arsenic (As)	ICP-MS	0.01	ND	ND
Cadmium (Cd)	ICP-MS	0.01	ND	ND
Lead (Pb)	ICP-MS	0.02	ND	ND
Mercury (Hg)	ICP-MS	0.005	ND	ND

Run ID: 260518,260519

Analysis	Method	Vial	Result
Endotoxins	LAL	A	Pass - <5.00 EU/mg*
		B	Pass - <5.00 EU/mg*
		C	Pass - <5.00 EU/mg*

\*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 5/22/2026

Approved By: Tori Johnson, Operations Manager on 5/22/2026

ND: Non-Detect  
 LOD: Limit of Quantification



Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



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# Certificate of Analysis

Melanotan-1 10 mg

Report To:  
**Peptidology**  
 11111 N Scottsdale Rd STE 205  
 Scottsdale, AZ 85254  
 480-974-4660


Compound: Melanotan-1  
 Amount: 10 mg  
 Laboratory ID: V260513-13 002  
 Date Reported: 5/22/2026  
 Lot Number: 1680


Residual Solvents Analysis			
Analyte	Method	LOQ (ppm)	Result (ppm)
Acetone	GC-MS	3.7	ND
Benzene	GC-MS	0.02	ND
Butanes	GC-MS	3.7	ND
Chloroform	GC-MS	0.02	ND
Cyclohexane	GC-MS	2.9	ND
Dichloromethane	GC-MS	0.45	ND
Ethanol	GC-MS	3.7	ND
Ethyl Acetate	GC-MS	3.7	ND
Heptane	GC-MS	3.7	ND
Hexanes	GC-MS	0.21	ND
Isopropanol	GC-MS	3.7	ND
Methanol	GC-MS	2.2	ND
Pentanes	GC-MS	3.7	ND
Propane	GC-MS	3.7	ND
Toluene	GC-MS	0.66	ND
Total Xylenes	GC-MS	1.6	ND

Analysis	Method	Result (per Vial)	
Container Closure Integrity	Dye Ingress Method	A	Pass
		B	Pass
		C	Pass
Solubility Analysis	Fully Soluble in 2 mL Water	A	Pass
		B	Pass
		C	Pass
Trifluoroacetic Acid (TFA)	Ion Chromotography	ND - <0.10%	

ND: Non-Detect  
 LOD: Limit of Quantification



Report By:  Dustin Newman, Laboratory Director on 5/22/2026

Approved By:  Tori Johnson, Operations Manager on 5/22/2026

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.



# LABORATORY REPORT

Peptidology  
11111 N Scottsdale Rd  
Scottsdale, AZ 85254

Phone: 480-974-4660

Account #: E74035  
Sample Name: Melanotan-1  
Lot #: 1680  
Storage Conditions: Room Temperature

Date Received: 5/14/2026

Submission #: ETX-260512-0566



### **Microbiology Tests:**

#### **ScanRDI Sterility Test**

**Method Suitability:** No Method Suitability on file

**Result:** Pass

Date Started: 5/14/2026

Date Completed: 5/15/2026

Respectfully submitted,  
EAGLE ANALYTICAL SERVICES INC.

Alison Eng, Quality Control Manager

**Results apply only to the tested sample(s) as received.**