

Client: Simms Research

Certified: 07/16/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	Melanotan-1	Form	Lyophilized Powder
Batch	2026-M1304	Labeled Qty	10 mg
Mol. Formula	C80H115N21O21	CAS Number	1566590-77-9
Cap Color	Black	Crimp Color	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Batch Avg Purity	(>98%)	99.576%
Batch Avg Net Content	(~10mg)	11.45 mg
Identity Confirmation (LC-MS)	Melanotan-1	Melanotan-1
Endotoxin Safety Screen	(≤0.5 EU/mL)	Pass
Fentanyl Presence Analysis	(Not Detected)	Not Detected
Microbial Sterility Screen	(No Growth)	No Growth

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	
Cadmium (Cd)	Negative	
Lead (Pb)	Negative	
Mercury (Hg)	Negative	

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.447	11.14
Vial 2	99.500	11.52
Vial 3	99.782	11.68
Batch Average	99.576	11.45 mg

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm

