CERTIFICATE OF ANALYSIS

VeriPure Labs

Independent Third-Party Analytical Testing | Email: RESULTS@VERIPURELABS.COM
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REPORT INFORMATION

Report Number: VPL-261008-7648	**Date Issued:** 10/08/2026
Task Number: TSK-84109	**Analysis Method:** HPLC-UV / LC-MS

CLIENT INFORMATION

Client Name: VividDNA

SAMPLE INFORMATION

Sample Name: MT-2 10mg	**Lot / Batch:** VD-MT2-10-2610
Sample Type: Lyophilized Powder	**Storage Conditions:** Store at -20°C

TEST RESULTS & ANALYTICAL DATA

Test Parameter	Method	Specification Range	Result
Appearance	Visual Inspection	White to off-white lyophilized cake/powder	Conforms – white lyophilized powder
Identity (LC-MS)	ESI Positive Mode (m/z 200–3000)	Matches Theoretical Mass (± 0.5 Da)	Conforms Melanotan II: 1024.2 Da
Purity (HPLC-UV)	RP-HPLC (C18, 2.6 µm, 214 nm)	≥ 98.0% Area	99.3%
Peptide Content	Elemental Analysis	Report Result (%)	86.2%
Water Content	Karl Fischer Titration	≤ 5.0%	2.1%
Residual Solvents	GC-HS	Meets USP <467> Requirements	Conforms
Bacterial Endotoxins	LAL Kinetic Chromogenic	≤ 5 EU/mg	< 1.0 EU/mg

Alan Schmidt

Authorized Laboratory Director
VeriPure Quality Assurance & Analytical Services

VeriPure Labs is aligned with ISO 9001 and Good Laboratory Practice (GLP) principles. All testing and reports issued are strictly for research use only. Results pertain solely to the sample item as received.