Certificate of Analysis

FREEDOM DIAGNOSTICS

Proudly Owned and Operated in the USA

Searchable via: FreedomDiagnosticsTesting.com

Accession Number	2512310033
Client	Lorphion Labs
Search Code	Lorp2512310033

Received Date:	12/31/2025
Reported Date:	1/1/2026

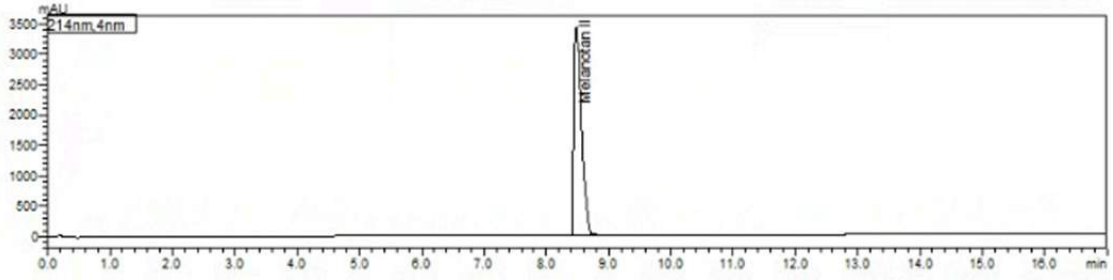
Product	Melanotan-2 10mg
Net Peptide Content	Vial 1: 13.59 mg Vial 2: 13.14 mg Vial 3: 13.00 mg
Average Net Peptide	13.24 mg

Lot	MT2-10-004
Purity	Vial 1: 99.838% Vial 2: 99.811% Vial 3: 99.867%
Appearance	White Lyophilized Powder

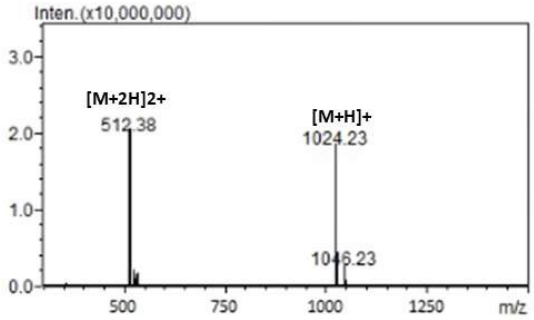
Endotoxin Threshold		Result
Replicate 1	**≤ 0.05 EU/mL**	**Pass**
Replicate 2	**≤ 0.05 EU/mL**	**Pass**

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Average Purity
Melanotan-II	**99.839%**



TEST



Stephen Schmidt

Stephen Schmidt

Principal Chemist

COA: 2512310033

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.