



CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

Melanotan II

10 mg

Client: **Northern Research Supply**
LAB ID MT2-021_D ISSUED SEPTEMBER 17, 2026

§ 01 Sample Information

Sample ID: **MT2-021_D**
Compound: **Melanotan II**
Report No.: **COA-2026-SC-02524**
Total Mass: **59.5 mg**
Appearance: **Lyophilized powder**
Received: **09/10/2026**
Analyzed: **09/17/2026**
CAS: **121062-08-6**
Formula: **C₅₀H₆₉N₁₅O₉**
Mol Weight: **1024.2 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY	NET PEPTIDE CONTENT	PEPTIDE FILL ACCURACY	CHROMATOGRAPHIC PURITY
Melanotan II Principal component confirmed against reference standard	11.52 mg Total peptide in the vial as received	115.2 % Measured net content ÷ declared label claim	99.4 % Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 513.1 > 134.1 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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