VERIFIED VIALS

VV-COA-MT2-001
Document reference

19 October 2026
Date issued

Certificate of Analysis

MT2 · Research Grade Peptide — Purity & Identity (HPLC + LC-MS)

Issued by Verified Vials on the basis of testing carried out by an independent third-party laboratory, PeptideVerify.

01 PRODUCT

PRODUCT
MT2 · Research Grade Peptide

INTENDED USE
Laboratory research use only

SUPPLIED BY
Verified Vials, Belfast, Northern Ireland

SAMPLE REFERENCE ON LABORATORY RECORD
Melanotan II
MT2 is the current product name for the material Verified Vials submitted to the laboratory as Melanotan II, the reference carried on the laboratory certificate cited below.

BATCH NUMBERS & EXPIRY
10 mg MT210-260626-A · Expiry 26 June 2029

02 RESULT

PURITY — HPLC, PEAK PURITY INDEX

99.00 %

Single integrated peak detected

✓ IDENTITY CONFIRMED

LC-MS identity check: the detected ion pattern matches the laboratory's reference for Melanotan II.

Purity reflects UV-detectable compounds only; non-UV excipients are not measured by this method.

03 TEST DETAILS

LABORATORY
PeptideVerify (independent of the supplier)

LABORATORY CERTIFICATE
PV-C9D61B-KAZS-121

LABORATORY CERTIFICATE ISSUED
17 June 2026

TEST TYPE
HPLC + LC-MS

METHOD
HPLC + ESI-MS

ANALYSIS DATE
15 June 2026

INSTRUMENT
Shimadzu LCMS-8040

SAMPLE AS RECEIVED
White lyophilised powder

CONDITION ON RECEIPT
As Expected

04 IDENTITY & SYSTEM SUITABILITY

PARAMETER	OBSERVED	ACCEPTANCE / REFERENCE	OUTCOME
MS identity match (ESI-MS)	Ion pattern matches reference	Lab reference: Melanotan II	CONFIRMED
Detected molecular weight	1023.8 Da	Expected MW: 1024.2 Da	—
Main peak retention time	10.219 min	Total peaks detected: 1	—
Tailing factor (T)	1.52	≤ 3.5	PASS
Theoretical plates (N)	9118.00	≥ 1000	PASS

Resolution (Rs) was reported by the laboratory as not applicable for this sample (limit ≥ 1.5). Sample received as a white lyophilised powder, condition as expected. Purity is a Peak Purity Index from the HPLC trace and reflects UV-detectable compounds only; non-UV excipients (mannitol, sugars, salts) are not measured.

05 VERIFICATION & AUTHORISATION

peptideverify.co.uk/verify/PV-C9D61B-KAZS-121

The analysis was carried out by PeptideVerify. Their certificate PV-C9D61B-KAZS-121 is the source record for every figure on this page and can be checked at the address above or by scanning the code.

This document is issued by Verified Vials and summarises that laboratory record under the product's current name. It is not a PeptideVerify document.

AUTHORISED BY
Quality Control
Verified Vials
19 October 2026

SIGNATURE

For laboratory research use only. Not for human or veterinary use. This certificate relates to the sample as received by the laboratory and summarises the laboratory's reported findings for that sample. It is not a guarantee of other units or batches, is not a safety assessment, and is not medical advice. Where this summary and the laboratory record differ, the laboratory record prevails.