

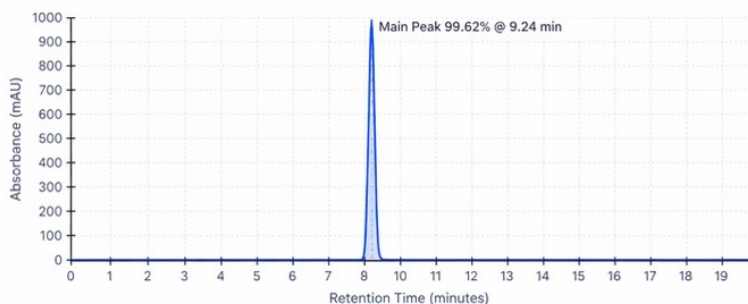


# HANGZHOU APEPTIDES CERTIFICATE OF ANALYSIS

## BATCH VERIFICATION

BATCH	MT2-5XR
Date	15.03.2026
Purity	99.62% HPLC
Heavy Metals	Non-detected

HPLC Purity Test – Melanotan 2 (MT2), Batch: MT2-5XR



## TECHNICAL PROPERTIES

Property	Details
Product	Melanotan 2 (MT2)
Identifiers	CAS: 121062-08-6
Molecular Formula	C <sub>50</sub> H <sub>69</sub> N <sub>15</sub> O <sub>9</sub>
Molecular Weight	1023.03 g/mol
Storage	Powder: 20°C = 1–2 Months, 4°C = 1–2 Years, –18°C = Multi-year, –80°C = Optimal Solvent: 4°C = Up to 30 Days, –80°C = Long-term
Chemical Structure	Ac-Nle-c[Asp-His-D-Phe-Arg-Trp-Lys]-NH <sub>2</sub>

## TEST RESULTS

Test Item	Specification	Method	Result
Appearance	White to off-white lyophilized powder	Visual	Conforms
Purity (HPLC)	≥ 98.5%	HPLC	99.62%
TFA Content	≤ 0.5%	NMR	Conforms
Identification	Consistent with reference	MS/NMR	Pass

Certified by: *M. Chambeys*

Assurance Date: 15/03/2026

This Certificate of Analysis confirms testing performed on the batch identified above. Manufactured in the Czech Republic and tested in collaboration with Axonis Analytics, all analyses were conducted using validated HPLC and NMR methods. Results are specific to this batch only and have been verified by Hangzhou Apeptides' Quality Control Department.