

HYGENEPHARMA COMPANY LIMITED

Certificate of Analysis

Product Name	Melanotan II		
CASNo.	121062-08-6	Batch No.	2024071101-1
Molecular Formula	C ₅₀ H ₆₉ Ni ₅ O ₉	Date of Producing	2024/10/19
Molecular Weight	1024.18	Retest Date	2026/10/18
Date of Survey	2024/10/28	Condition of Storage	-20±5℃
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤8.0%	3.2%
Acetic Acid (By HPLC)	≤15.0%	10.5%
Trifluoroacetic acid (By HPLC)	≤0.25%	ND
Peptide Purity (By HPLC)	≥98.0%	99.5%
Related Substance (By HPLC)	Total Impurities(%) ≤2.0%	0.5%
	Largest Single Impurity(%) ≤1.0%	0.2%
Conclusion: the product conforms with enterprise standard and qualified		

The product is for compliant use only.

Analyst: Sun Li

QC Director: Ling Cheng

