

CERTIFICATE OF ANALYSIS

Product Name	Melanotan II
CAS No.	121062-08-6
Molecular Formula	C50H69N15O9
Molecular Weight	1024.18
Batch No.	XR26042201-1
Date of Mfg	Apr 22, 2026
Reference Standard	Enterprise Standard
Retest Date	Apr 21, 2028
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.

TEST	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content	≤ 8.0%	3.51%
Acetic Acid	≤ 15.0%	9.89%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Peptide Purity	≥ 98.0%	99.36%
Total Impurities	≤ 2.0%	0.61%
Largest Single Impurity	≤ 1.0%	0.12%
Bacterial Endotoxins	≤ 10 EU/mg	Conform
Assay	≥ 85.0%	85.71%

Note: This product is for research or production use only. Not for direct human use.