

Certificate of Analysis

Product	Melanotan II	CAS No.	121062-08-6
Product No.	LJMII-001	Batch No.	LJMII2026021401
Date of Mfg	2026/02/14	Retest Date	2028/02/10
Test Method	In-house	Quantity	0.52kg
Storage Conditions	Protected from light, sealed, store at -20°C ± 5°C		

Test	Acceptance Criteria	Results
	White or off-white Powder	White Powder
Purity	≥98.0%	99.43%
Identification By MS	1024.18 ± 1.0	Conforms
Trifluoroacetic acid	≤0.5%	ND
Related Substances	Max Single Impurity: ≤0.5%	0.44%
	Total Impurities: ≤2.0%	0.57%
Water content	≤8.0%	2.20%
Acetate ion	≤15.0%	6.53%
Peptide Content	≥80.0%	90.38%
Residual Solvents	Methanol≤0.3%	0.02%
	MeCN≤0.041%	0.006%
	DMC≤0.06%	ND
	MTBE≤0.5%	ND
Microbial Limit	Total aerobic bacteria ≤ 100cfu/g	Conforms
	Mould & Yeast ≤ 100cfu/g	Conforms

Bacterial Endotoxin	≤10EU/mg	Conforms
Solubility	Freely soluble in water	Conforms
Conclusion	☒ Meet the requirements ☐ Do not meet the requirements	
Remark	It is only supplied as chemical product. It is only for R&D use.	

Reporter/Date: 张浩 2026/02/18

Approver/Date: 刘辉 2026/02/18

