Certificate of Analysis

Product	**Melanotan II**	**CAS No.**	121062-08-6
Product No.	LJMII-001	**Batch No.**	LJMII2026090901
Date of Mfg	2026/09/09	**Retest Date**	2028/09/08
Test Method	In-house	**Quantity**	1.21 kg
Storage Conditions	Protected from light, sealed, store at -20℃±5℃		

Test	**Acceptance Criteria**	**Results**
Appearance	White or off-white Powder	White Powder
Purity	≥98.0%	99.68%
Identification By MS	1024.18±1.0	Conforms
Trifluoroacetic acid	≤0.5%	ND
Related Substances	Max Single Impurity：≤0.5%	0.15%
	Total Impurities：≤2.0%	0.32%
Water content	≤8.0%	2.51%
Acetic Acid	≤15.0%	6.12%
Peptide Content	≥80.0%	90.51%
Residual Solvents	Methanol≤0.3%	0.01%
	MeCN≤0.041%	ND
	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: 张洁 2026/09/13 **Approver/Date:** 刘辉 2026/09/13

