



Shandong Hanjiang Chemical Co., Ltd

CERTIFICATE OF ANALYSIS

Product Name: Melanotan II
Sequence: Ac-[Nle4Asp5D-Phe7Lys10] α -MSH-(4-10)-NH₂
Molecular Formula: C₅₀H₆₉N₁₅O₉
Molecular Weight: 1024.18
CAS: 121062-08-6
Batch number: D20240225
Manufacturing date: Feb.25,2024
Expiry date: Feb.24,2026
Report Date: Mar.11.2024
Store at: protected from light; Store at -20 \pm 5 $^{\circ}$ C

Appearance	White to off white powder	Consistent
Identification	Biuret test	Conforms
Purity(HPLC)	$\geq 98.0\%$	99.8%
Related substance	Single Impurity $\leq 1.0\%$	0.1%
Water (K.F)	$\leq 10.0\%$	1.9%
Acetic Acid	6.0%~16.0%	14.5%
Methanol	$\leq 0.3\%$	0.02%
Acetonitrile	$\leq 0.041\%$	0.011%
Residual Solvents(DMF)	$\leq 0.088\%$	0
Peptide content	$\geq 80.0\%$	83.4%
Conclusion	The product conforms to In house standard	

QC Manager:

Analyst:

Checker:

