

Certificate of Analysis

Melanotan II

CAS No	121062-08-6	Code	BIOJMTN001
Lot No	2026012801-1	Manufacture Date	Apr.10, 2026
Retest Date	Apr.09, 2028	Quantity	5G

Testing Items	Specifications	Results
Appearance	White or almost white powder	White fluffy powder
Solubility	Soluble in water	Complies
Water content (Karl Fischer)	$\leq 8.0\%$	3.2%
Acetic Acid (By HPLC)	$\leq 15.0\%$	10.6%
Trifluoroacetic acid (By HPLC)	$\leq 0.25\%$	Not detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	99.5%
Related Substance (By HPLC)	Largest single impurity $\leq 1.0\%$ Total impurities $\leq 2.0\%$	0.1% 0.5%
Peptide content	$\geq 80.0\%$	85.7%
Organic solvent residue	Acetonitrile $\leq 0.041\%$	<0.041%
	Dichloromethane $\leq 0.060\%$	<0.060%
	N, N-Dimethylformamide $\leq 0.088\%$	<0.088%
Bacterial endotoxin	<10EU/mg	Complies
Conclusion	This product conforms to In-house standard	

***Storage conditions:**

Stability studies demonstrate the material remains stable at 25 °C; ambient shipment permitted.

Long-term storage recommended at -20 °C