

Certificate Of Analysis

NO:023-M81-TSX

Peptide Name	Melanotan I		
Molecular Formula	C ₇₈ H ₁₁₁ N ₂₁ O ₁₉	Manufacturing	2025/02/23
Molecular Weight	1646.88	Report Date	2025/02/27
CAS No.	75921-69-6	Re-test Date	2027/02/27
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	Ac-SYS {Nle} EH {D-Phe} RWGKPV-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.17%
Acetate Content(HPLC)	<12.0%	6.835%
Water Content (Karl Fischer)	≤10.0%	4.5%
Peptide Content (N%)	≥80.0%	87.4%
Mass Balance	95.0~105.0%	Conforms

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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