

Certificate Of Analysis

NO:023-D81-TSX

Peptide Name	Dermorphin		
Molecular Formula	C ₄₀ H ₅₀ N ₈ O ₁₀	Manufacturing	2024/05/08
Molecular Weight	802.36	Report Date	2024/05/10
CAS No.	77614-16-5	Re-test Date	2026/05/07
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	H-Tyr-D-Ala-Phe-Gly-Tyr-Pro-Ser-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.04%
Acetate Content(HPLC)	<12.0%	7.66%
Water Content (Karl Fischer)	≤10.0%	5.29%
Peptide Content (N%)	≥80.0%	85.09%
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

Analyst: Warden Zhao QC Director: Melker Zhu Checker: Bowen Yang