Certificate Of Analysis

NO:026-D81-TSX

Peptide Name	Dermorphin		
Molecular Formula	$C_{40}H_{50}N_8O_{10}$	**Manufacturing**	2026/09/08
Molecular Weight	802.36 g/mol	**Report Date**	2026/09/13
CAS No.	77614-16-5	**Re-test Date**	2028/09/08
Appearance	White powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-20℃ ± 5℃, sealed and away from 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%	98.04%

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