Certificate Of Analysis

NO:026-I81-TSX

Peptide Name	Ipamorelin		
Molecular Formula	$C_{38}H_{49}N_9O_5$	**Manufacturing**	2026/09/06
Molecular Weight	711.85	**Report Date**	2026/09/11
CAS No.	170851-70-4	**Re-test Date**	2028/09/06
Appearance	white powder	**Packing size**	1Kg/bag
Renference Standard	Renference Ch.p	**Storage conditions**	Cool dry place(away from the light)
Sequence	Aib-His-D-2-Nal-D-Phe-Lys-NH_2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.41%
Acetate Content(HPLC)	<20.0%	15.86%
Water Content (Karl Fischer)	≤10.0%	2.33%
Peptide Content (N%)	≥75.0%	81.2%
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