Certificate Of Analysis

NO:026-G84-TSX

Peptide Name	Gonadorelin		
Molecular Formula	$C_{55}H_{75}N_{17}O_{13}$	**Manufacturing**	2026/08/31
Molecular Weight	1182.31 g/mol	**Report Date**	2026/09/05
CAS No.	34973-08-5	**Re-test Date**	2028/08/31
Appearance	White powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-20℃ ± 5℃, sealed and away from light
Sequence	Pyr-His-Trp-Ser-Tyr-Gly-Leu-Arg-Pro-Gly-NH_2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.89%
Acetate Content(HPLC)	<12.0%	7.9%
Water Content (Karl Fischer)	≤8.0%	5.8%
Peptide Content (N%)	≥80.0%	85.9%
Mass Balance	95.0~105.0%	99.6%

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