Certificate Of Analysis

NO:026-T82-TSX

Peptide Name	Tesamorelin		
Molecular Formula	$C_{221}H_{366}N_{72}O_{67}S$	**Manufacturing**	2026/08/28
Molecular Weight	5135.78	**Report Date**	2026/09/02
CAS No.	218949-48-5	**Re-test Date**	2028/08/28
Appearance	White powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Cool dry place(-20°C, away from the light)
Sequence	trans-3-hexenoyl-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.06%
Acetate Content(HPLC)	≤12.0%	8.5%
Water Content (Karl Fischer)	≤8.0%	7.5%
Peptide Content (N%)	≥80.0%	82.1%
Mass Balance	95.0~105.0%	97.74%

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