Certificate Of Analysis

NO:026-C45-TSX

Peptide Name	PNC-27		
Molecular Formula	$C_{188}H_{293}N_{53}O_{44}S$	**Manufacturing**	2026/09/05
Molecular Weight	4031.72 g/mol	**Report Date**	2026/09/10
CAS No.	1434140-60-3	**Re-test Date**	2028/09/05
Appearance	white powder	**Packing size**	1Kg/bag
Renference Standard	Renference Ch.p	**Storage conditions**	Cool dry place(-20°C, away from the light)
Sequence	H-Pro-Pro-Leu-Ser-Gln-Glu-Thr-Phe-Ser-Asp-Leu-Trp-Lys-Leu-Leu-Lys-Lys-Trp-Lys-Met-Arg-Arg-Asn-Gln-Phe-Trp-Val-Lys-Val-Gln-Arg-Gly-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	98.65%
Acetate Content(HPLC)	<12.0%	7.80%
Water Content (Karl Fischer)	≤8.0%	4.15%
Peptide Content (N%)	≥80.0%	84.2%
Mass Balance	95.0~105.0%	Conforms

For research use only. Direct human application is prohibited.

Limit To Research And Education Use
Not For Direct Human Application

Analyst: Wenli Zhu **QC Director:** Meiker Zhu **Checker**：Bowen Yang