

Certificate Of Analysis

NO:023-P85-TSX

Peptide Name	PT141 Acetate/ Bremelanotide Acetate		
Molecular Formula	$C_{50}H_{68}N_{14}O_{10}$	Manufacturing	2025/02/20
Molecular Weight	1025.20	Report Date	2025/02/22
CAS No.	1607799-13-2	Re-test Date	2027/02/22
Appearance	white powder	Packing size	1Kg/bag
Reference Standard	Enterprise Standard	Storage conditions	Cool dry place(away from the light)
Sequence	Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-OH Chemical Bridge Asp2-Lys7		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.56%
Acetate Content(HPLC)	<12.0%	8.34%
Water Content (Karl Fischer)	≤10.0%	3.11%
Peptide Content (N%)	≥80.0%	88.11%
Mass Balance	95.0~105.0%	Conforms

For research use only. Direct human application is prohibited.