Certificate Of Analysis

NO:026-P85-TSX

Peptide Name	PT141 Acetate / Bremelanotide Acetate		
Molecular Formula	$C_{50}H_{68}N_{14}O_{10}$	**Manufacturing**	2026/09/06
Molecular Weight	1025.20	**Report Date**	2026/09/11
CAS No.	1607799-13-2	**Re-test Date**	2028/09/06
Appearance	White powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Cool dry place (2-8°C, away from light)
Sequence	Ac-Nle-cyclo[Asp-His-D-Phe-Arg-Trp-Lys]-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.26%
Acetate Content(HPLC)	<12.0%	8.34%
Water Content (Karl Fischer)	≤10.0%	3.95%
Peptide Content (N%)	≥80.0%	86.3%
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