

Certificate Of Analysis

NO:023-P85-TSX

Peptide Name	PT141 Acetate/ Bremelanotide Acetate	Molecular Formula	C ₅₂ H ₇₂ N ₁₄ O ₁₂
Molecular Weight	1085.20	CAS No.	1607799-13-2
Appearance	white powder	Reference Standard	Enterprise Standard
Sequence	<i>Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-OH</i>		
Chemical Bridge	Asp2-Lys7		
Manufacturing	2026/02/10	Report Date	2026/02/12
Re-test Date	2028/02/11		
Packing size	1Kg/bag	Storage conditions	Cool dry place (away from the light)

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

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**Limit To Research And Submission Use
Not For Direct Human Application**