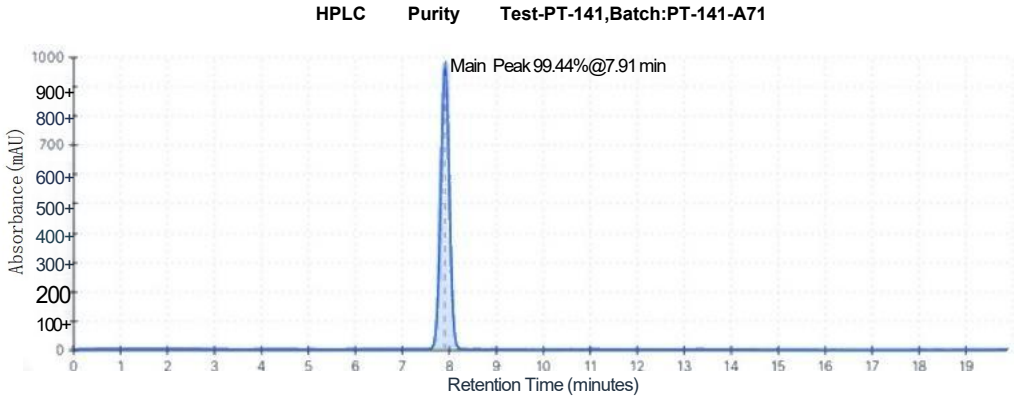


CERTIFICATE OF ANALYSIS

BATCH VERIFICATION

BATCH	PT-141-A71
Date	2026.01.18
Purity	99.1%HPLC
Heavy Metals	Non-detected



TECHNICAL PROPERTIES

Property	Details
Product	PT-141(Bremelanotide)
Identifiers	CAS 189691-06-3
Molecular Formula	C ₅₀ H ₆₈ N ₁₄ O ₁₀
Molecular Weight	1025.2g/mol
Storage	Powder stable 3 yrs(-20°C),2yrs(4°C),3mo(25°C).Reconstituted:-80°C6mo,-20°C1mo,20°C1wk.
Chemical Structure	Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys)-OH

TEST RESULTS

Test Item	Specification	Method	Result
Appearance	White to off-white lyophilised solid	Visual	Conforms
Purity(HPLC)	≥98%	HPLC(C18,220 nm)	99.1%@RT=7.91min
TFA Content	≤0.50%w/w	NMR	Conforms
Identification	Consistent with reference	MS/NMR	Pass

