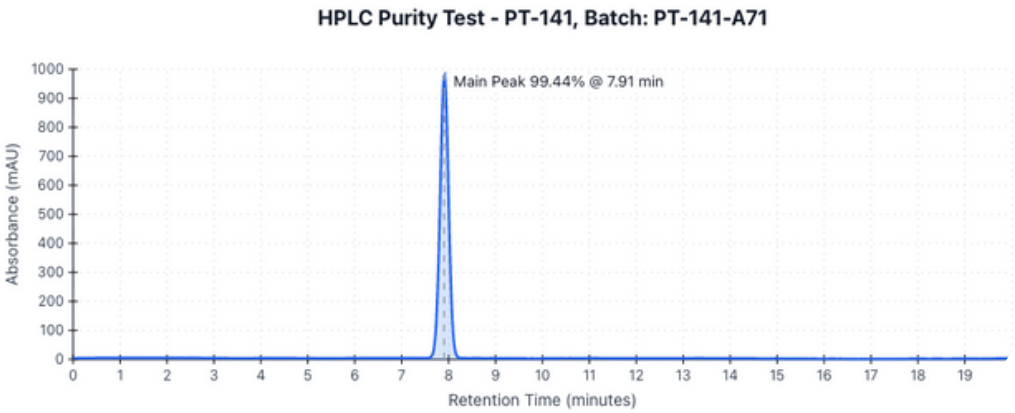
SynPeptides

CERTIFICATE OF ANALYSIS

ILLUSTRATIVE EXAMPLE - NOT A VERIFIED BATCH COA

BATCH VERIFICATION

BATCH	**PT-141-A71**
Date	18.11.2025
Purity	99.44% 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	1025.2 g/mol
Storage	Powder stable 3 yrs (-20 °C), 2 yrs (4 °C), 3 mo (25 °C). Reconstituted: -80 °C 6 mo, -20 °C 1 mo, 20 °C 1 wk.
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)	≥ 98.5%	HPLC (C18, 220 nm)	99.44% @ RT = 7.91 min
TFA Content	≤ 0.50% w/w	NMR	Conforms
Identification	Consistent with reference	MS/NMR	Pass

Certified by: M. Chambers

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Assurance Date: 18/11/2025