



ChromIQ Analytical Laboratory

HPLC-MS Quality Control & Peptide Purity Analysis
Website: chromiq.com | Email: qc@chromiq.com

PRODUCT DATA

Product	PT-141 (Bremelanotide)	Batch	PT141-B0205
CAS	189691-06-3	Formula	C ₅₀ H ₆₈ N ₁₄ O ¹⁰
Appearance	White to off-white powder	Mol. Wt.	1025.18 g/mol
Quantity	10 mg / vial	Purity	99.34%
Content	10.14 mg	Analysis Method	RP-HPLC, UV 214 nm C18, 100 × 2.1 mm, 2.7 µm Flow: 0.40 mL/min Gradient: 5-95% ACN over 20 min Inj.: 10.0 µL
Analysis Conducted	2026-05-22	Principal Chemist	Dr. Marek Janowski, Ph.D.
Produced	2026-05-20	Storage	Store at -20 °C, protect from light
QC Status	PASS — conforms to specification	Report No.	CIQ-RPT-B0205

HPLC CHROMATOGRAM

Signal: UV 214 nm Detector: DAD1B

Method: Column: C18, 100 × 2.1 mm, 2.7 µm | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Injection: 10.0 µL

Mobile Phase: H2O/ACN + 0.1% TFA

HPLC Chromatogram — PT-141, DAD1B @ 214 nm

