

PRODUCT INFORMATION

Product Name	PT-141 (Bremelanotide)	Lot / Batch No.	PCL-2025-PT1-011
Compound	Bremelanotide Acetate (Melanocortin Receptor Agonist)	Manufacture Date	Q4 2025
Strength / Fill	10 mg / vial	Retest / Expiry	24 months from manufacture
Form	Lyophilized Powder	Storage Condition	-20 °C, protect from light and moisture

ANALYTICAL SUMMARY

Test Item	Specification	Result	Status
Appearance	White lyophilized powder	Conforms	PASS
Identification	LC-MS Confirmed	Confirmed	PASS
Assay (Purity)	≥ 98.0%	99.3%	PASS
Peptide Content	Report value	10.08 mg	PASS
Water Content (KF)	≤ 8.0%	5.2%	PASS
Acetic Acid Content	≤ 15.0%	8.1%	PASS
Related Substances	Total Impurities ≤ 2.0%	0.7%	PASS
Bacterial Endotoxins	< 2 EU/mg	< 2 EU/mg	PASS

METHODS / REFERENCE

Purity and identification by RP-HPLC and ESI-MS. Peptide content confirmed gravimetrically. Water content by Karl Fischer. Acetic acid by ion chromatography. Bacterial endotoxins by LAL assay.

QUALITY STATEMENT

Based on the source documentation reviewed, this lot of PT-141 appears to conform to the listed specifications for all parameters shown above.

This document is a private-label quality summary compiled from source manufacturing and/or analytical documentation provided to Pure Compound Lab. It is intended for internal, commercial, or customer-reference use only and does not replace the original issuing laboratory record unless expressly verified.