Certificate of Analysis

Product Name	PT-141 (Bremelanotide)		
Molecular Formula	$C_{50}H_{68}N_{14}O_{10}$	**Batch No.**	PT20260915
Molecular Weight	1025.2 Da	**Date of Producing**	2026/09/15
Date of Survey	2026/09/23	**Expire Date**	2028/09/14
Reference Standard	Enterprise Standard	**Specification**	10mg/vial

TEST	SPECIFICATION	RESULT
Appearance	White to off-white lyophilized powder	Conform
Solubility	Soluble in water	Conform
Identity By MS	1025.2 ± 1.0	1024.9
Water Content(Karl Fischer)	≤ 8.0%	3.7%
Peptide Purity(By HPLC)	≥ 98.0%	98.4%
Related Substance(By HPLC)	Total Impurities(%) ≤ 2.0%	1.2%
	Largest Single Impurity(%) ≤ 1.0%	0.5%
Assay	95%-105%	99.2%
Bacterial Endotoxin	< 10 EU/mg	< 10 EU/mg
Conclusion: the product conforms with enterprise standard and qualified		

Research Enhanced Peptides

The product is for compliant use only.