

Certificate of Analysis

Bremelanotide (PT141)

CAS No	189691-06-3	Code	BIOJBRE001
Batch No	20260709-01	Manufacture Date	Jul.09, 2026
Retest Date	Jul.08, 2028	Quantity	10G

Testing Items	Specifications	Results
Appearance	White to off-white powder	White powder
Identity by ESI-MS	Theoretical Molecular Weight: 1025.18($\pm$ 1)	Complies
Purity (By HPLC)	Not less than 98.0%	99.75%
Peptide content (By N)	Not less than 80.0%	86.25%
Water (K.F.)	Not more than 7.0%	5.35%
Acetic acid content	Not more than 15.0%	5.51%
Trifluoroacetic acid content	Not more than 0.5%	Not detected
Bacterial endotoxin	Less than 10Eu/mg	Complies
Solubility	Not less than 2mg/ml (H ₂ O)	Complies
Conclusion	This product conforms to In-house standard	

***Storage conditions:**

Stability studies demonstrate the material remains stable at 25 °C; ambient shipment permitted.

Long-term storage recommended at –20 °C