

## Certificate of Analysis

### Bremelanotide(PT141)

CAS No	1607799-13-2	Code	BIOJBRE001
Batch No	20250103-0	Manufacture Date	Jan.03, 2025
Retest Date	Jan.02, 2027	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%	99.87%
Peptide content (By N)	Not less than 80.0%	90.30%
Water (K.F.)	Not more than 7.0%	1.46%
Acetic acid content	Not more than 15.0%	5.42%
Trifluoroacetic acid content	Not more than 0.5%	Not detected
Bacterial endotoxin	Less than 10Eu/mg	Complies
Solubility	Not less than 2mg/ml(H <sub>2</sub> O)	Complies
Conclusion	This product conforms to In-house standard	

**\*Storage: Store at 0~8°C, Protect from moisture and light.**