



Certificate of Analysis

Product name	PT-141	Manufacture date	Nov.20.2023
Batch number	SW231120	Analysis date	Nov.21.2023
Batch quantity	10kg	Expiry date	Nov.20.2025

Analysis Item	Specification	Test results
Appearance	White powder	Conforms
Solubility	Soluble in water and 1% acetic acid	Conforms
Specific optical rotation	-50° ~ -60°	-55.65°
Amino Acid Composition	± 20% of theoretical	Conforms
Peptide purity(By HPLC)	Min98% by area integration	99.1%
Related Substance	Total impurity: max2.0% Largest single impurity: max 1.0%	0.9% 0.3%
Acetate Content(HPLC)	MAX 15.0%	13.2%
Water Content	MAX 8.0%	2.5%
Bacterial Endotoxins	MAX 5EU/mg	Conforms
Assay	95.0%~105.0%	99.5%
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place. keep away from strong light and heat
Shelf life:	2 years when properly stored

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