



HEALTHTIDE BIOTECH CO.,LTD.

Certificate of Analysis

Product Name	PT-141	CAS No.	1607799-13-2
Molecular Formula	C52H72N14O12	Molecular Weight	1085.23
Batch No.	XR25121601-2	Date of Mfg	Dec 16,2025
Reference Standard	Enterprise Standard	Retest Date	Dec 15,2027
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
TEST	SPECIFICATION	RESULT	
Appearance	White or almost white fluffy powder	Conform	
Solubility	Soluble in water	Conform	
Water Content (Karl Fischer)	≤ 8.0%	2.21%	
Acetic Acid (By HPLC)	≤ 15.0%	6.60%	
Trifluoroacetic Acid	≤ 0.5%	Not Detected	
Peptide Purity (By HPLC)	≥ 98.0%	99.69%	
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.31%	
	Largest Single Impurity(%) ≤ 1.0%	0.07%	
Bacterial Endotoxins	≤10EU/mg	Conform	
Assay	≥ 85.0%	88.13%	
Conclusion	This batch of product conforms with enterprise standard and qualified.		

Note: This product is for research or production use only. Not for direct human use.

Analyst: Pu mingyue

Approved by: Ding wenzhen

