



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℃ and 8℃.		
TEST	SPECIFICATION		RESULT
Appearance	White or almost white fluffy powder		Conform
Solubility	Soluble in water		Conform
Water Content (Karl Fischer)	$\leq 8.0\%$		2.21%
Acetic Acid (By HPLC)	$\leq 15.0\%$		6.60%
Trifluoroacetic Acid	$\leq 0.5\%$		Not Detected
Peptide Purity (By HPLC)	$\geq 98.0\%$		99.69%
Related Substance (By HPLC)	Total Impurities(%) $\leq 2.0\%$		0.31%
	Largest Single Impurity(%) $\leq 1.0\%$		0.07%
Bacterial Endotoxins	$\leq 10\text{EU/mg}$		Conform
Assay	$\geq 85.0\%$		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

