



Certificate of Analysis

Product Name	PT-141	CAS No.	1607799- 13-2
Molecular Formula	C52H72N I4O12	Molecular Weight	1085.23
Batch No.	XR23122901-1	Date of Mfg	Jan 21,2024
Reference Standard	Enterprise Standard	Retest Date	Jan 20,2026
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%	2.20%	
Acetic Acid (By HPLC)	≤ 15.0%	6.62%	
Trifluoroacetic Acid	≤ 0.5%	Not Detected	
Peptide Purity (By HPLC)	> 98.0%	99.79%	
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.21%	
	Largest Single Impurity(%) ≤ 1.0%	0.07%	
Bacterial Endotoxins	≤10EU/mg	Conform	
Assay	> 85.0%	88.13%	
Conclusion	This batch meets the internal standards of the enterprise and is qualified.		

Note: This product is for research or production use only.