

# CERTIFICATE OF ANALYSIS

<b>Product Name</b>	PT-141
<b>CAS No.</b>	1607799-13-2
<b>Molecular Formula</b>	C52H72N14O12
<b>Molecular Weight</b>	1085.23
<b>Batch No.</b>	XR25071601-2
<b>Date of Mfg</b>	July 16, 2025
<b>Reference Standard</b>	Enterprise Standard
<b>Retest Date</b>	July 15, 2027
<b>Storage</b>	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C

TEST	SPECIFICATION	RESULT
<b>Appearance</b>	White or almost white fluffy powder	Conform
<b>Solubility</b>	Soluble in water	Conform
<b>Water Content</b>	≤ 8.0%	2.20%
<b>Acetic Acid</b>	≤ 15.0%	6.62%
<b>Trifluoroacetic Acid</b>	≤ 0.5%	Not Detected
<b>Peptide Purity</b>	≥ 98.0%	99.69%
<b>Total Impurities</b>	≤ 2.0%	0.31%
<b>Largest Single Impurity</b>	≤ 1.0%	0.07%
<b>Bacterial Endotoxins</b>	≤ 10 EU/mg	Conform
<b>Assay</b>	≥ 85.0%	88.13%

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