



# Sichuan Taihui Biotechnology Co., Ltd.

## Certificate of Analysis

<b>Product Name</b>	Retatrutide	<b>CAS No.</b>	2381089-83-2
<b>Molecular Formula</b>	C221H342N46O68	<b>Molecular Weight</b>	4731.33
<b>Batch No.</b>	XR23110301-2	<b>Date of Mfg</b>	Dec 25,2023
<b>Reference Standard</b>	Enterprise Standard	<b>Retest Date</b>	Dec 24,2025
<b>Storage</b>	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	
<b>Appearance</b>	White or almost white fluffy powder	Conform	
<b>Solubility</b>	Soluble in water	Conform	
<b>Water Content (Karl Fischer)</b>	≤ 8.0%	2.00%	
<b>Sodium ion</b>	≤ 5.0%	1.47%	
<b>Trifluoroacetic Acid</b>	≤ 0.5%	Not Detected	
<b>Acetic Acid</b>	≤ 0.5%	0.19%	
<b>Peptide Purity (By HPLC)</b>	≥ 98.0%	99.26%	
<b>Related Substance (By HPLC)</b>	Total Impurities(%) ≤ 2.0%	0.74%	
	Largest Single Impurity(%) ≤ 1.0%	0.50%	
<b>Bacterial Endotoxins</b>	≤10EU/mg	Conform	
<b>Assay</b>	≥ 90.0%	94.54%	
<b>Conclusion</b>	This batch meets the internal standards of the enterprise and is qualified.		

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

**Analyst:** Pu mingyue

**Approved by:** Ding wenzhen

