

CERTIFICATE OF ANALYSIS

Product Name	Retatrutide
CAS No.	2381089-83-2
Molecular Formula	C221H342N46O68
Molecular Weight	4731.33
Batch No.	XR25071801-1
Date of Mfg	July 18, 2025
Reference Standard	Enterprise Standard
Retest Date	July 17, 2027
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C

FIELDS	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content	≤ 8.0%	2.00%
Sodium Ion	≤ 5.0%	1.47%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Acetic Acid	≤ 0.5%	0.19%
Peptide Purity	≥ 98.0%	99.36%
Total Impurities	≤ 2.0%	0.64%
Largest Single Impurity	≤ 1.0%	0.50%
Bacterial Endotoxins	≤ 10 EU/mg	Conform
Assay	≥ 90.0%	94.54%

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