



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-Retatrutide

CAS: 2381089-83-2

Batch Number: *FTF0250922* Batch Quantity: 8kg

Manufacture Date: Sep.20<sup>th</sup>,2025 Analysis Date: Sep.21<sup>th</sup>,2025 Certificate Date: Sep.22<sup>th</sup>,2025

**Storage** Store in cool & dry place. Store in well-closed containers.

**Shelf life** 3 years when properly stored.

Item	Specification	Results
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤ 8.0%	4.6%
Sodium ion	≤ 5.0%	1.03%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Peptide Purity (By HPLC)	≥ 98.0%	99.65%
Related Substance	Total Impurities(%) ≤ 2.0%	0.97%
(By HPLC)	Largest Single Impurity(%) ≤ 1.0%	0.38%
Bacterial	≤10EU/mg	Conform
Endotoxins		
Total Aerobic Microbial Count	≤10 <sup>2</sup> cfu/g	Conform
Total Yeast And Mold Count	≤10 <sup>2</sup> cfu/g	Conform
Residual Solvents	Acetonitrile:NMT 410ppm	86ppm
	Dichloromethane:NMT 600ppm	Not Detected
	DMF:NMT 880ppm	Not Detected

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

