



Sichuan Taihui Biotechnology Co., Ltd.

Certificate of Analysis

Product Name	Nonathymulin	CAS No.	63958-90-7
Molecular Formula	C33H54N12O15	Molecular Weight	858.85
Batch No.	XR24022501-1	Date of Mfg	Mar19,2024
Reference Standard	Enterprise Standard	Retest Date	Mar18,2026
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%		4.79%
Acetic Acid (By HPLC)	≤5.0%		0.13%
Trifluoroacetic Acid	≤ 0.5%		Not Detected
Peptide Purity (By HPLC)	≥ 98.0%		99.55%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%		0.45%
	Largest Single Impurity(%) ≤ 1.0%		0.31%
Bacterial Endotoxins	≤10 EU/mg		Conform
Assay	≥ 90.0%		94.07%
Conclusion	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: Yang dan

Approved by: Jang chen

