



Sichuan Taihui Biotechnology Co., Ltd.

Certificate of Analysis

Product Name	ARA290	CAS No.	1208243-50-8
Molecular Formula	C51H84N16O21	Molecular Weight	1257.31
Batch No.	XR24022401-1-1-1	Date of Mfg	Apr 25,2024
Reference Standard	Enterprise Standard	Retest Date	Apr 24,2026
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%	4.60%	
Sodium ion	≤ 5.0%	1.57%	
Acetic Acid (By HPLC)	≤ 5.0%	0.16%	
Trifluoroacetic Acid	≤ 0.5%	Not Detected	
Peptide Purity (By HPLC)	≥ 98.0%	99.79%	
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.21%	
	Largest Single Impurity(%) ≤ 1.0%	0.05%	
Bacterial Endotoxins	≤ 10 EU/mg	Conform	
Assay	≥ 85.0%	92.12%	

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

Analyst: Yang dan

Approved by: Ling chen

