



**UNION
BIOLABS**

Certificate of Analysis

Product Name	Dihexa	CAS NO.	1401708-83-5
Molecular Formula	$C_{27}H_{44}N_4O_5$	Molecular Weight	504.67
Sequence	Hexanoyl-YI-Ahx-NH ₂		
Quantity	3350g	Manufacturing Date	2025.09.20
Lot No	HB20250920	Retest Date	2027.09.19
Test Items	Specification		Results
Appearance	White to off white powder		Conforms
Purity (HPLC)	≥98%		99.22%
Mass Spectrum	504.67±1.0		Conforms
Acetic acid	≤ 10.0%		0.03%
Trifluoacetate ion	≤0.5%		N.D
Water	≤ 5.0%		0.71%
Mass Balance	95.0~105.0%		100.50%
Bacterial endotoxin	< 10EU/mg		Conforms
Heavy Metals	≤ 20 ppm		Conforms
Packaging and storage	Store at a temperature of 2~8°C, protected from light		
Conclusion	The test results comply with the requirements of in-house specification.		