

Certificate of Analysis

Product	Dihexa Powder	CAS No.:	1401708-83-5
Product No.	800107	Molecular Formula	C27H44N4O5
Sequence	Hexanoyl-Tyr-Ile-Ahx-NH ₂		
Batch No.	26031704	Quantity	1100g
Mfg. Date	Mar. 17 th , 2026	Retest Date	Mar. 16 th , 2028



【ITEMS】	【SPECIFICATIONS】	【RESULTS】
Appearance	White or almost white loose powder	White loose powder
Solubility	Soluble in glacial acetic acid	Conforms
Amino acid content	Tyr: 0.9~1.1	1.0
	Ile: 0.9~1.1	1.0
	Ahx: 0.9~1.1	1.0
Mass spectrum	504.7±1.0	504.3
Related substances(HPLC)	Any individual impurity: NMT 1.0%	0.58%
	Total impurities: NMT2.0%	0.93%
Purity(HPLC)	NLT 98.0%	99.1%
Water content(KF)	NMT 7.0%	0.55%
Acetic acid	NMT 10.0%	N.D
Residual solvent	Methylene chloride NMT 600ppm	Conforms
	Acetonitrile NMT 410ppm	
	DMF NMT 880ppm	

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Peptide Content	NLT 80.0%	98.1%
Bacterial endotoxins	Less than 10EU/mg	Less than 10EU/mg
Aerobic Bacterial Count	$\leq 100\text{cfu/g}$	Less than 10cfu/g
Mould & Yeast	$\leq 10\text{cfu/g}$	Less than 10cfu/g
Escherichia coli	absent	absent
Storage	In an air tight container, protected from light; Short Term:2-8℃ ; Long Term:below-10℃	
Report	<i>Jipeng</i> 质量检验 2026.3.17	Date 2026.3.17
Reviewer	<i>Peng H. Zhen</i> 2026.3.17	Date 2026.3.17
Conclusion: This batch of product complies with Enterprise Standard.		

It is only supplied as chemical product.

It is only for R&D use.