

CERTIFICATE OF ANALYSIS

Product: Ipamorelin (10mg/vial)

Peptide Name	Ipamorelin	Molecular Formula	C ₃₈ H ₄₉ N ₉ O ₅
Molecular Weight	711.85	CAS No.	170851-70-4
Lot Number	IPA10-20260808	Specifications	10mg/vial
Manufacturing Date	2026/8/8	Report Date	2026/8/22
Re-test Date	2028/8/7	Storage Condition	-5°C to -25°C (Protect from light)
Tests	Specifications	Results	
Appearance	White powder, No visible foreign bodies	Conforms	
Solubility	Soluble in water	Conforms	
Content determination (HPLC, per bottle)	9.5 mg ~ 10.5mg	9.91mg	
Purity (HPLC)	≥99.0%	99.21%	
Water Content (Karl Fischer)	≤3.0%	2.26%	
pH	4.0-6.0	5.3	
Related Substance (By HPLC)	Total Impurities (%) ≤2.0%	0.79%	
	Largest Single Impurity (%) ≤0.5%	0.43%	
Residual Solvents	Methanol: ≤0.3%	0.14%	
	Acetonitrile: ≤0.041%	0.026%	
	Ethyl Acetate: ≤0.5%	0.35%	
Heavy Metals	≤10ppm (Pb、As、Cd、Hg)	Conforms	
Acetate content (HPLC)	≤20.0%	10.15%	
Sterility Test	Aseptic growth should be ensured	Conforms	
Bacterial Endotoxin	<5EU/mg	Conforms	
Content Uniformity	shall comply with regulations	Conforms	
Result(of inspection)	This product was tested according to corporate quality standards, with results conforming to regulations.		
Analyst: <i>Lihua</i>	Reviewed by: <i>Zhanglin</i>		Authorized by: <i>Wenbin</i>
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