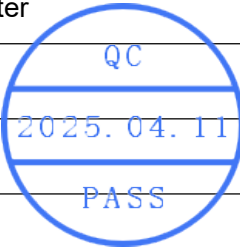


Certificate of Analysis

产品名称/Product Name	芋螺肽/mu-Conotoxin	CAS No.	936616-33-0
分子式/Molecular Formula	C ₉₂ H ₁₃₉ N ₃₅ O ₂₈ S ₆	分子量 /Molecular Weight	2375.68
结构式/Structural formula	Pyr-Gly-Cys-Cys-Asn-Gly-Pro-Lys-Gly-Cys-Ser-Ser-Lys-Trp-CysArg-Asp - His-Ala-Arg-Cys-Cys-CONH2(Disulfide Bridge:3-15,Disulfide Bridge:4-21,Disulfide Bridge:10-22)		
盐型/Salt Form	醋酸盐/Acetate		
批号/Batch No.	240826-1	批量/Quantity	80.0g
生产日期/Production Date	2025-4-11	复检日期/Retest Date	2026-4-11
TESTS	SPECIFICATIONS		RESULTS
外观/Appearance	白色粉末/ White powder		Conforms
溶解度/Solubility	水中易溶/Easy to dissolve in water		Conforms
水分/Water Content(K.F)	NMT 8.0%		2.7%
纯度/Purity (HPLC)	NLT 98.0%		99.5%
肽含量/peptide content	NLT 75.0%		80.7%
残留溶剂 /Residual solvent(GC)	乙腈/Acetonitrile	NMT 410ppm	88ppm
酸根离子 /Acid group ions(HPLC)	TFA	NMT 0.5%	N.D
微生物限度 /Microbial Limits	菌落总数/TPC	NMT 1000 cfu/g	< 10 cfu/g
	霉菌和酵母菌总数/TYMC	NMT 100 cfu/g	< 10 cfu/g
结论/Conclusion: 符合标准/conformed with the product standards .			

Storage Conditions: Keep in tight container, protect from light, store at a temperature of -20±5℃.