

Certificate of Analysis

Name	Ghk-cu-50mg	CAS No.	89030-95-5
Formula	C ₁₄ H ₂₁ CuN ₆ O ₄	Origin	Chemical Synthesis
Lot No.	20251020	Manufacture Date	2025.10.20
Lot Size	/	Retest date	2027.10.19
Storage	Protected from light, at a temperature of 5±3°C		
Test Items	Acceptance Criteria	Test Results	
【Description】			
Appearance	Royal blue powder	Blue powder	
【Identification】			
HPLC Identification	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Conforms	
【Test】			
Purity	NLT 99.0%	99.7%	
Related Substances	Individual impurity NMT 1%	0.17%	
	Total impurities NMT2.0%	0.46%	
Reconstitution time	Less than 30s	Less than 10s	
Completeness of Solutions	Dissolves completely, leaving no visible residue as undissolved matter	Conforms	
Clarity and Coloration of solution	Clear blue color, or if its opalescence is not more pronounced than that of reference suspension 1	Conforms	
Water	NMT 5.0%	2.12%	
Sterility Tests	Meet Requirements	Conforms	
Bacterial endotoxins	NMT 10 EU/mg	Less than 5 EU/mg	
【Assay】			
Assay	95.0% - 105.0% on C ₁₄ H ₂₁ CuN ₆ O ₄	99.578%	
Content	48.69 ~ 60.68 mg/Vial	57.65 mg	
Conclusion: The test results comply with the in-house specification.			
Important Notice: This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.			