

## Certificate of Analysis

<b>Name</b>	Ghk-cu-100mg	<b>CAS No.</b>	89030-95-5
<b>Formula</b>	C <sub>14</sub> H <sub>21</sub> CuN <sub>6</sub> O <sub>4</sub>	<b>Origin</b>	Chemical Synthesis
<b>Lot No.</b>	20251020	<b>Manufacture Date</b>	2025.10.20
<b>Lot Size</b>	/	<b>Retest date</b>	2027.10.19
<b>Storage</b>	Protected from light, at a temperature of 5±3°C		
<b>Test Items</b>	<b>Acceptance Criteria</b>	<b>Test Results</b>	
<b>【Description】</b>			
<b>Appearance</b>	Royal blue powder	Blue powder	
<b>【Identification】</b>			
<b>HPLC Identification</b>	The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Conforms	
<b>【Test】</b>			
<b>Purity</b>	NLT 99.0%	99.4%	
<b>Related Substances</b>	Individual impurity NMT 1%	0.3%	
	Total impurities NMT2.0%	0.4%	
<b>Reconstitution time</b>	Less than 30s	Less than 10s	
<b>Completeness of Solutions</b>	Dissolves completely, leaving no visible residue as undissolved matter	Conforms	
<b>Clarity and Coloration of solution</b>	Clear blue color, or if its opalescence is not more pronounced than that of reference suspension 1	Conforms	
<b>Water</b>	NMT 5.0%	2.12%	
<b>Sterility Tests</b>	Meet Requirements	Conforms	
<b>Bacterial endotoxins</b>	NMT 10 EU/mg	Less than 5 EU/mg	
<b>【Assay】</b>			
<b>Assay</b>	95.0% - 105.0% on C <sub>14</sub> H <sub>21</sub> CuN <sub>6</sub> O <sub>4</sub>	99.636%	
<b>Content</b>	96.32 ~ 115.63 mg/Vial	111.81 mg	
<b>Conclusion: The test results comply with the in-house specification.</b>			
<b>Important Notice:</b> This PRODUCT IS INTENDED AS A RESEARCH CHEMICAL ONLY. This product is not a drug, food, or cosmetic.			