

## CERTIFICATE OF ANALYSIS

**Product Name** GHK-Cu  
**CAS No.** Not listed  
**Molecular Formula** C<sub>14</sub>H<sub>22</sub>N<sub>6</sub>O<sub>4</sub>Cu·xHCl  
**Molecular Weight** GHK: 340.5  
**Batch No.** 2025082102  
**Date of Producing** August 21, 2025  
**Reference Standard** Enterprise Standard  
**Retest Date** August 20, 2027  
**Storage** 2–8°C, keep dry and dark

TEST	SPECIFICATION	RESULT
Appearance	Blue to purple powder	Conform
Solubility	Soluble in water	Conform
pH	5.5 – 7.0	6.2
GHK Purity	≥ 97.0%	99.75%
Copper Content	8.0% – 16.0%	11.5%
Chloride	≤ 15.0%	6.3%
Loss on Drying	≤ 8.0%	5.0%

Note: This product is for research or production use only. Not for direct human use.