

# CERTIFICATE OF ANALYSIS



Product Name	<b>GHK-Cu</b>
CAS NO	89030-95-5
Molecular Formula	C <sub>14</sub> H <sub>24</sub> N <sub>6</sub> O <sub>4</sub> Cu
Molecular Weight	340.93 g/mol
Quantity	10G
Product of	Pure Bio Labs LLC.
Batch NO	GH8921425
Production date	2025.03.08
Expiry Date	2027.03.08

Test based on enterprise standard

Test Item	Specification	Result
Appearance	Blue to blue-green lyophilized powder	Conforms
Solubility	Soluble in water	Conforms
Water Content (Karl Fischer)	$\leq 5.0\%$	2.1%
Sodium ion	$\leq 0.05\%$	$<0.02\%$
Trifluoroacetic Acid	Not Detected	Not Detected
Peptide Purity (By HPLC)	$\geq 98.0\%$	<b>99.50%</b>
Related Substance (By HPLC)	Total Impurities $\leq 2.0\%$	0.50%
	Largest Single Impurity $\leq 1.0\%$	0.30%
Bacterial Endotoxins	$< 0.25$ EU/mg	$<0.20$ EU/mg
Assay	95.0-105.0%	99.50%
Residual Solvents	Meets USP <467> requirements	Conforms

Storage	Store in cool & dry place, keep away from strong light and heat.
Shelf life	2 years when properly stored
Conclusion	This product complies with the above specifications

Analysis Performed by:  
Tiana R.  
Analytical Chemist