

Certificate of Analysis

Product	GHK-Cu	CAS No.:	89030-95-5
Product No.:	100003	Molecular Formula	C ₁₄ H ₂₂ CuN ₆ O ₄
Sequence	Gly-His-Lys-Cu		
Batch No.	100003-26010702	Quantity	3423.0g
Mfgr. Date	Apr.02 th , 2026	Retest Date	Apr.01 th , 2028

【 ITEMS 】	【 SPECIFICATIONS 】	【 RESULTS 】
Appearance	Blue or blue-purple crystalline particles or powder	Blue crystalline particles
Solubility	Easily soluble in water	Easily soluble in water
Identification By HPLC	The retention time of the Copper Tripeptide-1 of the Sample solution corresponds to that of the standard solution	Conforms
Mass spectrum	340.4± 1.0	340.0
Purity(HPLC)	NLT 98.0%	99.9%
pH	5.0-7.0(10mg/ml in H ₂ O)	5.8
Acetic acid	NMT 5.0%	N.D
Water content(KF)	NMT 8.0%	6.6%
Cu⁺ Content	8.0%-16.0%	13.5%
Chloride Content	6.5%-8.5%	6.9%
Peptide content	NLT 70.0%	72.9%
Elemental impurity	Pb NMT 10ppm	N.D
	As NMT 2ppm	0.01ppm



	Hg NMT 1ppm	0.001ppm
	Cd NMT 5ppm	N.D
	V NMT 10ppm	0.003ppm
	Co NMT 10ppm	0.01ppm
	Ni NMT 10ppm	0.32ppm
Residual solvent	Ethanol NMT 5000ppm	N.D
	Triethylamine NMT 5000ppm	N.D
Total Bacteria	NMT 100cfu/g	<10 cfu/g
Total number of molds and yeasts	TYMC NMT 100cfu/g	<10 cfu/g
Storage	Keep in tight container, protect from light; Short Term:2-8°C ; Long Term:below-10°C	
Report	<i>H. peng</i>	Date 2026.4.2
Reviewer	<i>Jerry Man Chan</i>	Date 2026.4.2
Conclusion: This batch of product complies with Enterprise Standard.		

QUALITY TEST
 质量检验
 02
 QUALIFIED

QUALITY TEST
 质量检验
 2026.04.02
 TEST QUALIFIED

It is only supplied as chemical product.
 It is only for R&D use.