

GHK-Cu (Copper Tripeptide-1)

BATCH NUMBER
27812

CERTIFICATE OF ANALYSIS (COA)

01 COMPOUND DETAILS

CAS NUMBER	MOLECULAR FORMULA	MOLECULAR WEIGHT	QUANTITY
89030-95-5	C ₁₄ H ₂₂ N ₆ O ₄ Cu	401.91	2041 g
BATCH NUMBER	MANUFACTURE DATE	REPORT DATE	RETEST DATE
27812	01/09/2026	02/09/2026	01/12/2026

PEPTIDE SEQUENCE

Gly-His-Lys-Cu²⁺

02 ANALYTICAL RESULTS

#	TEST	SPECIFICATION	REPORTED RESULT
1	Appearance	Royal-blue to deep-blue powder	Blue powder
2	Solubility	Freely soluble in water	Conforms
3	Peptides Purity	≥99.0%	99.81%
4	Copper Content (elemental)	13.5-14.5% (w/w)	13.92%
5	Identity (HR-MS)	[M] ⁺ consistent with GHK-Cu core	401.11 Da
6	Water Content (K.F)	3.0-5.0%	3.9%
7	Acetate Content	11.0-14.0 %	12.8%
8	Residual Solvents	Acetonitrile ≤410 ppm	22 ppm
		Ethanol ≤5000 ppm	145 ppm
9	Trifluoroacetic Acid (TFA)	≤0.03 %	Not detected
10	Bacterial Endotoxins	< 5 EUmg	Conforms
11	Peptides Content	≥80.0%	82.4%

STORAGE	2-8 °C, protected from light and moisture, tightly sealed
CONCLUSION	The product tested Conform with In-house standard
REMARK	It is only supplied as chemical product