



TECHNOLOGY & INNOVATION • HIGH PURITY SYNTHESIS • ANALYTICAL SERVICES

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CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product:	Copper Tripeptide-1 (GHK-Cu)	Batch No.:	AL-GHK-2606
MF.:	$C_{14}H_{22}N_6O_4 \cdot Cu$	Batch Quantity:	5g
MW.:	401.91	Manufacturing Date:	07/06/2026
CAS No.:	89030-95-5	Expiry Date:	07/06/2029
Storage:	Cool and dry place at 2-8°C, protected from light. Store at -20°C to -15°C for long term storage.	Appearance:	Blue powder
Sequence:	Gly-His-Lys.Cu		

QUALITY CONTROL TEST RESULTS

#	TEST ITEM	SPECIFICATION	RESULT
1	Appearance	Blue powder	Conforms
2	Identity by MS	401.91 ± 1	401.08
3	Solubility	≥100mg/ml (H ₂ O)	Conforms
4	Peptide Purity (By HPLC)	≥95.0%	99.42%
5	Water Content (Karl Fischer)	≤8.0%	5.18%
6	Copper Content	10.0 - 15.0%	13.60%
7	pH (2mg/ml)	5.0 - 7.5	5.94
8	GHK Content	65.0 - 85.0%	71.30%
9	HCL Content	≤15.0%	8.92%
10	Total plate count / Mould & Yeast	≤1000cfu/g / ≤100cfu/g	< 1000cfu/g / < 100cfu/g
11	Heavy metals (As, Pb, Hg, Cd)	As≤2mg/kg, Pb≤10mg/kg, Hg≤1mg/kg, Cd≤5mg/kg	Conforms

Tested By: Technical Analyst

Audited By: Quality Assurance Manager

Date: 31/08/2026

AlloLabs Quality Control Department

(This peptide is only for lab research, not for human use)

