

Certificate of Analysis

PRODUCT NAME: GHK-Cu

Product Type: (Skin-Regenerative / ECM-Signalling Peptide)
Molecular Formula: $C_{14}H_{24}N_6O_4Cu$
Molecular weight (g/mol): 340.8
Cas Number: 89030-95-5
Batch No: 20251015-C010
Manufacture Date: 15/10/2025
Expiry Date: 14/10/2027

COMPOSITION SUMMARY

Active Ingredient:
GHK-Cu (Copper Tripeptide-1)

Excipient Classes:
Standard peptide-compatible
isotonic excipients

PRODUCT DESCRIPTION

GHK-Cu is a naturally occurring copper-binding tripeptide complex (Gly-His-Lys-Cu²⁺) used in research on skin regeneration, extracellular-matrix signalling, wound-healing pathways, and anti-inflammatory modulation.

TEST SAMPLE PHOTO



ANALYTICAL SPECIFICATIONS

| Items | Standards | Results |
|--------------------|----------------------------|--|
| Appearance | Blue to blue-purple powder | <input checked="" type="checkbox"/> Pass |
| Identity by ESI-MS | Theoretical MW: 340.8 | <input checked="" type="checkbox"/> Pass |
| Purity (HPLC) | >_98.0% | 99.71% |
| Water (KF) | <_7.0% | 14.5% |
| Copper | 10% | 84.5% |
| Conclusion | Conforms to Standards | <input checked="" type="checkbox"/> Pass |

CERTIFICATION

Quality Assurance Officer:

Signature: 

Date: 21/10/2025



SAFETY & REGULATORY NOTES

Research Use Only: Peptides are supplied strictly for laboratory research and are not approved for human or veterinary administration.

STORAGE & HANDLING

Store at 2–25°C, away from direct sunlight.
Do not freeze.
Use immediately after opening.
Keep in original packaging until use.