

GHK-Cu (Copper Peptide) Specification Sheet

Product Overview

GHK-Cu, also known as Copper Tripeptide-1, is a copper-binding tripeptide complex composed of the Gly-His-Lys (GHK) peptide coordinated with copper ions. It is supplied as a research-grade lyophilized powder for laboratory, formulation, and manufacturing research applications.

Product Specifications

Product Name: GHK-Cu

Synonyms: GHK-Cu, Copper Tripeptide-1, Copper Tripeptide 1, Gly-His-Lys Copper Complex, GHK Copper

Catalog No.: SUN-P043

CAS Number: 300801-03-0

Molecular Formula: C₂₈H₄₈CuN₁₂O₈

Molecular Weight: 744.3 g/mol

PubChem CID: 133697840

Grade: Research Grade

Purity: ≥99.4% by HPLC

Form: Lyophilized Powder

Storage: Store at 2 – 8° C

Availability: Made-to-order / On request

Available Specifications

50 mg × 10 vials

100 mg × 10 vials

Quality & Analytical Documentation

GHK-Cu is supplied with quality documentation appropriate to the product and production batch. Batch-specific analytical information should be verified against the applicable Certificate of Analysis (COA).

Available documentation may include:

- Certificate of Analysis (COA)
- Safety Data Sheet (SDS)
- Product Specification Sheet
- HPLC purity information
- Batch-specific quality documentation

Storage & Handling

Store GHK-Cu at 2 – 8 ° C in accordance with the product documentation. Protect the material from conditions that may adversely affect product quality. Review the applicable Safety Data Sheet before handling and follow appropriate laboratory safety procedures.

Research Applications

GHK-Cu is widely studied in laboratory and cosmetic peptide research involving copper-peptide signaling, extracellular matrix biology, collagen-related pathways, cellular remodeling, skin-associated molecular mechanisms, and formulation research.

Quality Notice

Product specifications describe general product requirements and are provided for technical reference. Actual batch-specific identity, purity, analytical results, and other quality parameters should be confirmed using the Certificate of Analysis supplied with the applicable batch.

Research Use Only

For research and manufacturing use only. Not for human or veterinary use, diagnosis, treatment, or therapeutic applications. Products are supplied to qualified businesses in accordance with applicable laws and regulations.

Request GHK-Cu Documentation or a Quote

For batch-specific COA, technical documentation, packaging information, pricing, MOQ, or manufacturing inquiries, please contact our team or submit a quote request.