



# AMINO PEPTIDES

## PRODUCT SPECIFICATION SHEET

Note: *This document details the theoretical chemical properties and target specifications of this research compound. For batch-specific, independent laboratory test results, please refer to the independent Certificate of Analysis (C.O.A.) provided on our product page.*

### 1. Product Identification

**Product Name:** GHK-Cu (Copper Tripeptide-1)

**Synonyms:** Glycyl-L-histidyl-L-lysine copper complex, Prezatide copper, Cu-GHK

**CAS Number:** 89030-95-5

**PubChem CID:** 139035031

### 2. Chemical Properties

**Amino Acid Sequence:** Gly-His-Lys( $\text{Cu}^{2+}$ )

**Molecular Formula:**  $\text{C}_{14}\text{H}_{22}\text{CuN}_6\text{O}_4$

**Theoretical Molecular Weight:** 401.91 Da

**Form:** Lyophilised powder

**Appearance:** Solid, Blue

### 3. Target Specifications

**Target Purity (HPLC):**  $\geq 98.0\%$

**Target Identity (MS):** Expected MW 401.91 Da ( $\pm$  standard analytical tolerance)

**Expected Peptide Content:**  $\geq 80.0\%$

### 4. Storage and Handling Guidelines

**Storage (Lyophilised):** Store at  $-20^{\circ}\text{C}$  or below. Protected from light and moisture.

**Storage (Reconstituted):** Store at  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  for up to 20 days. Do not freeze once reconstituted.

**Usage:** For laboratory research and in-vitro use only. Not for human or veterinary use.