



CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

GHK-Cu

50 mg

Client: **Northern Research Supply**

LAB ID GHK-110_D ISSUED SEPTEMBER 16, 2026

§ 01 Sample Information

Sample ID: **GHK-110_D**
Compound: **GHK-Cu**
Report No.: **COA-2026-SC-02523**
Total Mass: **130.1 mg**
Appearance: **Lyophilized powder**
Received: **09/10/2026**
Analyzed: **09/16/2026**
CAS: **49557-75-7**
Formula: **C₁₄H₂₂CuN₆O₄**
Mol Weight: **340.4 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY

GHK-Cu

Principal component confirmed against reference standard

NET PEPTIDE CONTENT

60.01 mg

Total peptide in the vial as received

PEPTIDE FILL ACCURACY

120.0 %

Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY

99.8 %

Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 341.2 > 110.4 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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