pH SOLUTIONS

pH Solutions, LLC
181 W. Huntington Dr. #106, Monrovia, CA 91016
(626) 734-6620 · www.phsolutionslab.com
ISO/IEC 17025:2017 Accredited · ilac-MRA · PJLA #84351

Certificate of Analysis

COA **AMN-COA-GHK100-20260828-01**
Lot **AMN-GHK100-20260828-01** · Issued **Sep12,2026**

GHK-Cu

100 mg/vial · AMN-V-GHK-100 ·

● RELEASED

CAS **89030-95-5** Formula **C14H24CuN6O4** MW **403.9 g/mol**

SAMPLE INFORMATION

SAMPLE NAME	MANUFACTURED	LAB SAMPLE ID
GHK-Cu 100 mg vial	28-Aug-2026	260903-899-NHS-2
LOT NUMBER	EXPIRATION	REPORT DATE
AMN-GHK100-20260828-01	28-Aug-2027	09/10/2026
SAMPLE MATRIX	VIALS IN LOT	
Lyophilized peptide	500	
INTENDED USE	TARGET FILL	
Research use only	100.00 mg per vial	

PURITY
99%
TESTED · HPLC @ 274 nm

WATER ACTIVITY
0.00 aw
PASS · aw

1. Results Summary

ALL PARAMETERS CONFORM

TEST	METHOD	SPECIFICATION	RESULT	STATUS
Purity	HPLC @ 274 nm	≥99%	**99%**	TESTED
Water Activity	Water Activity Meter	<0.65 aw (threshold for microbial growth)	**0.00 aw**	PASS

2. Methods and Notes

What each test measures and why it is on this certificate

Purity · HPLC @ 274 nm

Measures what fraction of the material is the complete target peptide vs. synthesis byproducts, truncated sequences, or degradation products. High purity ensures the results reflect the intended compound and ensures identity by confirming retention time during this test aligns with a certified reference standard.

Water Activity · Water Activity Meter

Lyophilized peptides absorb atmospheric moisture, which dilutes the active content per mg and accelerates degradation. Knowing water content allows researchers to calculate the true peptide mass when preparing solutions for experiments.

3. Authorization and Release

● RELEASED

TESTED AND CERTIFIED BY

Raquel Keledjian

Raquel Keledjian
Laboratory Director, pH Solutions, LLC
ISO/IEC 17025:2017 · Accreditation #84351

ilac-MRA PJLA Testing
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ND = Not Detected · NT = Not Tested · LOD = Limit of Detection · LOQ = Limit of Quantitation · TESTED = result reported, no acceptance limit applied · PASS / FAIL = judged against the stated limit. Results relate only to the lot tested.

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