

SC-01

# GHK-Cu

Glycyl-L-histidyl-L-lysine copper(II)

MOLECULAR FORMULA	LOT NUMBER	NET QUANTITY	STORAGE
<b>C14H22CuN6O4</b>	<b>LOT-2026-0412-001</b>	<b>100 mg</b>	<b>-20C, desiccated</b>
MOLECULAR WEIGHT	FORMAT	BATCH NUMBER	CAS NUMBER
<b>403.9 g/mol</b>	<b>Lyophilized powder</b>	<b>SC01-2026-004</b>	<b>49557-75-7</b>
MANUFACTURE DATE	EXPIRATION DATE	APPEARANCE	SOLUBILITY
<b>March 15, 2026</b>	<b>March 15, 2028</b>	<b>White to off-white powder</b>	<b>Water (1 mg/mL)</b>

## ANALYTICAL TEST RESULTS

TEST	METHOD	SPECIFICATION	RESULT	STATUS
HPLC Purity	HPLC (C18 reverse phase)	>= 98.0%	99.4%	<b>PASS</b>
Identity (MS)	ESI-MS, HPLC co-elution	Conforms to structure	Confirmed - MW 403.9 Da	<b>PASS</b>
Water Content (KF)	Karl Fischer Titration	<= 10.0%	7.2%	<b>PASS</b>
Appearance	Visual inspection	White to off-white powder	White to off-white powder	<b>PASS</b>
Solubility	Visual inspection	Clear solution	Water (1 mg/mL)	<b>PASS</b>

**ALL TESTS PASSED - INDEPENDENTLY AUTHENTICATED**

## RESEARCH CONTEXT

GHK-Cu is a naturally occurring copper complex studied in collagen and elastin synthesis pathway research, antioxidant response element activation assays, and NF-κB pathway modulation in controlled in vitro conditions.

## TESTING LABORATORY

### Intertek Pharmaceutical Services

Independent third-party analytical laboratory | Report ID: IPS-2026-03-4471

Authorized Analyst: Dr. M. Chen, Ph.D.

Authorized Signature

Date of Issue

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