

ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

GHK-Cu - 50mg

Tested for: Amino Club
aminoclub.com


COA #: **COA-2026-AMAYBC**
Lot Number: **GHK0001**
Accession #: **ACC-2026-3690**
Labeled Content: **50mg**

Method: **Full QC Panel**
Analysis Date: **06/08/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Date Received: **06/01/2026**

PASS



Scan to verify authenticity at ils-lab.com
Access Code: 5WVUSM4W

| | | |
|---------------|----------------|--|
| Identity | Peptide Purity |  Fentanyl Free |
| GHK-Cu | 99.95% | |

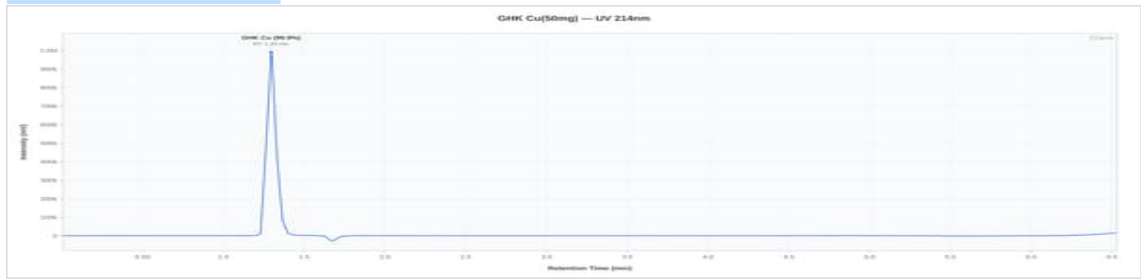


GHK-Cu 50mg - GHK0001

Purity & Quant (HPLC)

| Analyte | Specification | Result | Unit | Status |
|-----------------------|------------------------------|---------------------|------|-------------|
| Peptide Purity (HPLC) | >= 95.0% | 99.95% | % | PASS |
| Net Peptide Content | Report Only | 53.13 | mg | N/A |
| Identity (HPLC-RTM) | GHK Cu | Confirmed | - | PASS |
| Fentanyl Screen | Immunoassay, 50 ng/mL cutoff | Not Detected | - | PASS |

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.93% purity, closest to batch mean of 99.94%)

HPLC Conformity Testing Results (2 samples tested)

| Sample | Purity | NPC | ID | Result |
|---------------|----------------|------------------|-----------|-------------|
| Dedicated V0 | 99.93% | 53.51 mg | Confirmed | PASS |
| Conformity V1 | 99.95% | 53.13 mg | Confirmed | PASS |
| Mean | 99.94% | 53.32 mg | — | — |
| Std Dev | 0.0100% | 0.1900 mg | — | — |




Dr. Greg Kalyuzhny
Lab Director
6/8/2026

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Verify: portal.ils-lab.com/verify/JlupY6xpXZoo61YH
Issued: 6/8/2026

Heavy Metals Analysis (ICP-MS)

| Test | Specification | Result | Status |
|---------------|---------------|--------------|--------|
| Arsenic (As) | NMT 1.5 ppm | Not Detected | PASS |
| Cadmium (Cd) | NMT 0.5 ppm | Not Detected | PASS |
| Chromium (Cr) | NMT 10 ppm | Not Detected | PASS |
| Mercury (Hg) | NMT 1.5 ppm | Not Detected | PASS |
| Lead (Pb) | NMT 1 ppm | Not Detected | PASS |

Sterility Testing (PCR)

| Test | Specification | Result | Status |
|-----------------|---------------|-----------|--------|
| Sterility (PCR) | No Growth | No Growth | PASS |

Endotoxin Testing (USP <85>)

| Test | Specification | Result | Status |
|----------------------|---------------|----------------|----------|
| Endotoxin (USP <85>) | Report Result | NMT 0.05 EU/mL | Reported |

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Notes & Methodology

1. Date Tested: 06/08/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be GHK-Cu by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
5. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.
6. Chromatogram shown is representative: Dedicated V0 (99.93% purity, closest to batch mean of 99.94%).



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