

## ILS Laboratories

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

## GHK50 - 50mg

Tested for: Maple Labs

**PASS**

COA #: COA-2026-412762  
Lot Number: ML-CU50-2606A  
Accession #: ACC-2026-3885  
Labeled Content: 50mg

Method: Full QC Panel  
Analysis Date: 06/07/2026  
Appearance: Good  
Sample Matrix: Lyophilized  
Date Received: 06/03/2026



Scan to verify  
authenticity at ils-lab.com  
Access Code: TQYDTE8N

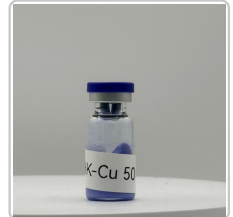
Identity  
**GHK50**

Peptide Purity  
**99.90%**



### Purity & Quant (HPLC)

| Analyte               | Specification                | Result       | Unit | Status |
|-----------------------|------------------------------|--------------|------|--------|
| Peptide Purity (HPLC) | >= 95.0%                     | 99.90%       | %    | PASS   |
| Net Peptide Content   | Report Only                  | 52.45        | mg   | N/A    |
| Identity (HPLC-RTM)   | GHK Cu                       | Confirmed    | -    | PASS   |
| Fentanyl Screen       | Immunoassay, 50 ng/mL cutoff | Not Detected | -    | PASS   |

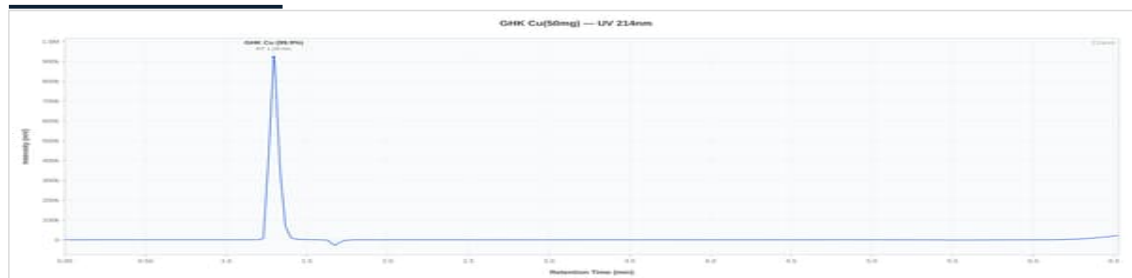


GHK50 50mg - ML-CU50-2606A

### Heavy Metals (ICP-MS)

| Analyte       | Specification | Result     | Unit | Status |
|---------------|---------------|------------|------|--------|
| Heavy Metals  |               |            |      |        |
| Arsenic (As)  | <= 1.5 ppm    | 0.2232 ppm | ppm  | PASS   |
| Cadmium (Cd)  | <= 0.5 ppm    | 0.1828 ppm | ppm  | PASS   |
| Lead (Pb)     | <= 1 ppm      | 0.2956 ppm | ppm  | PASS   |
| Mercury (Hg)  | <= 1.5 ppm    | 0.404 ppm  | ppm  | PASS   |
| Chromium (Cr) | <= 10 ppm     | 0.612 ppm  | ppm  | PASS   |

### HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.90% purity, closest to batch mean of 99.90%)



*Dr. Greg Kalyuzhny*

**Dr. Greg Kalyuzhny**  
Lab Director  
6/7/2026

COA #: COA-2026-412762  
Access Code: TQYDTE8N  
Verify: portal.ils-lab.com/verify/3HcOINYUwCVok0ov  
Issued: 6/7/2026

HPLC Conformity Testing Results (2 samples tested)

| Sample        | Purity | NPC       | ID        | Result |
|---------------|--------|-----------|-----------|--------|
| Dedicated V0  | 99.90% | 52.45 mg  | Confirmed | PASS   |
| Conformity V1 | 99.90% | 51.4 mg   | Confirmed | PASS   |
| Mean          | 99.90% | 51.92 mg  | —         | —      |
| Std Dev       | —      | 0.5250 mg | —         | —      |

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 | 0.12 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: 06/07/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
- 2. The sample was confirmed to be GHK50 by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 4. 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.
- 5. Chromatogram shown is representative: Dedicated V0 (99.90% purity, closest to batch mean of 99.90%).



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Lab Director  
6/7/2026

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