

ILS Laboratories

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(619) 329-3999 | ils-lab.com

GHK-Cu - 50mg

Tested for: Modern Research Labs LLC

PASS

COA #: COA-2026-OHGCWU
Lot Number: MRL-CU50-2026510
Accession #: ACC-2026-9990
Labeled Content: 50mg

Analysis Date: 08/03/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 07/15/2026



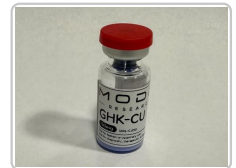
Scan to verify
authenticity at ils-lab.com
Access Code: 5Y98KKB5

Method: Full QC Panel

Identity	Peptide Purity	
GHK-Cu	99.66%	 Fentanyl Free

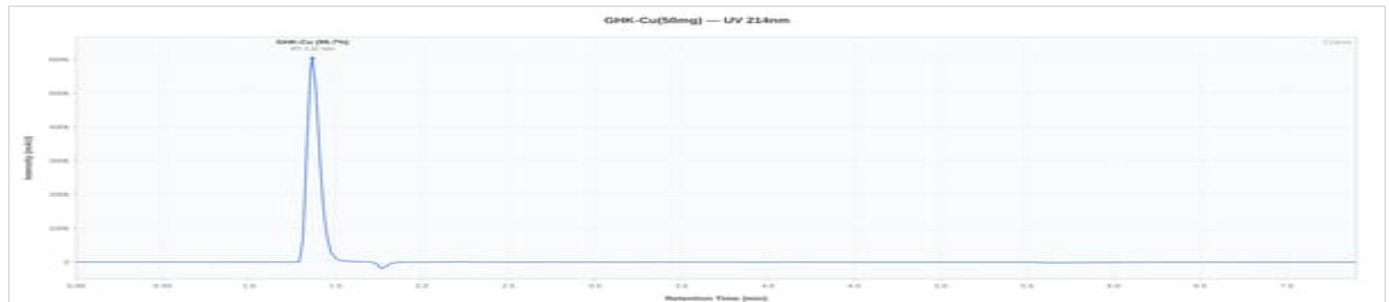
Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.66%	%	PASS
Net Peptide Content	Report Only	52.4	mg	N/A
Identity (HPLC-RTM)	GHK-Cu	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



GHK-Cu 50mg - MRL-CU50-2026510

HPLC Chromatogram



GHK-Cu 50mg - MRL-CU50-2026510: UV Chromatogram

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	0.8990	PASS
Cadmium (Cd)	NMT 0.5 ppm	0.345	PASS
Lead (Pb)	NMT 1.0 ppm	0.899	PASS
Mercury (Hg)	NMT 1.5 ppm	0.0023	PASS
Chromium (Cr)	NMT 10.0 ppm	5.78	PASS



Dr. Greg Kalyuzhny

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Lab Director
8/3/2026

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Verify: portal.ils-lab.com/verify/eJU7AJK_6kALVtEL

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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	0.183 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: 08/03/2026. Methods: Full QC Panel.
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.




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