Certificate of Analysis

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

GHK-Cu - 50mg

Tested for: S20 Research, LLC
www.20aminos.com

PASS

COA #:	**COA-2026-953620**	Analysis Date:	**06/27/2026**
Lot Number:	**B10076**	Appearance:	**Good**
Accession #:	**ACC-2026-4616**	Sample Matrix:	**Lyophilized**
Labeled Content:	**50mg**	Vial Size:	**3mL**
		Date Received:	**06/11/2026**

Scan to verify authenticity at ils-lab.com
Access Code: 3YDE666A

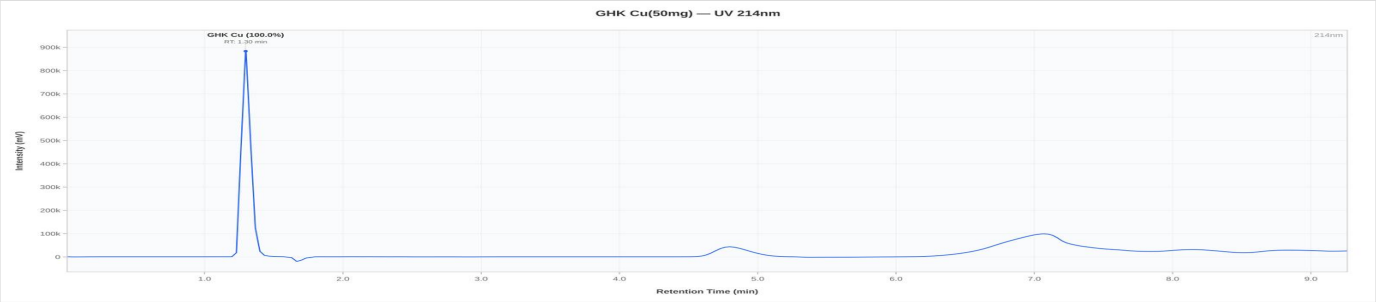
Method: **Full QC Panel**

Identity	Peptide Purity	
GHK-Cu	**99.97%**	**Fentanyl Free**

Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.97%**	%	**PASS**
Net Peptide Content	Report Only	**51.43**	mg	N/A
Identity (HPLC-RTM)	GHK Cu	**Confirmed**	-	**PASS**
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.0974 ppm**	ppm	**PASS**
Cadmium (Cd)	<= 0.5 ppm	**0.0633 ppm**	ppm	**PASS**
Lead (Pb)	<= 1.0 ppm	**0.0909 ppm**	ppm	**PASS**
Mercury (Hg)	<= 1.5 ppm	**0.2035 ppm**	ppm	**PASS**
Chromium (Cr)	<= 10.0 ppm	**0.0876 ppm**	ppm	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Dr. Greg Kalyuzhny
Lab Director
7/9/2026

COA #: **COA-2026-953620**
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Verify: portal.ils-lab.com/verify/Ycm-W-BHf7Pu1dbV
Issued: 7/9/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.97%	51.43 mg	Confirmed	**PASS**
Conformity V1	99.84%	52.44 mg	Confirmed	**PASS**
Mean	**99.91%**	**51.94 mg**	—	—
Std Dev	**0.0650%**	**0.5050 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	**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: 07/09/2026. 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. 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 (99.97% purity, closest to batch mean of 99.91%).

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