

ILS Laboratories

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GHK-Cu / KPV - 60mg

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

COA #: COA-2026-953616
Lot Number: B10111
Accession #: ACC-2026-5917
Labeled Content: 60mg

Analysis Date: 07/05/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/20/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: 4URU832A

Method: Full QC Panel

Identity

GHK-Cu / KPV

Peptide Purity

99.63%

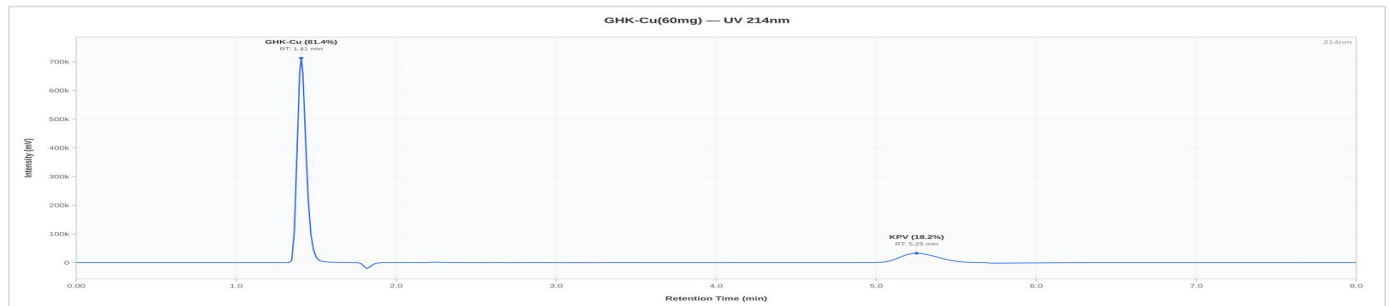


Fentanyl
Free

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.63%	%	PASS
Identity (HPLC-RTM)	GHK-CU + KPV	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	62.59	mg	N/A
-- GHK-Cu		52.26	mg	
-- KPV		10.33	mg	



Dr. Greg Kalyuzhny

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Lab Director
7/9/2026

COA #: COA-2026-953616
Access Code: 4URU832A
Verify: portal.ils-lab.com/verify/wuUuVREnCN390LI1
Issued: 7/9/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.63%	62.59 mg	Confirmed	PASS
Conformity V1	99.60%	63.23 mg	Confirmed	PASS
Mean	99.61%	62.91 mg	—	—
Std Dev	0.0150%	0.3200 mg	—	—

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	0.118 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: Blend Purity & Quant (HPLC); Additional Tests.
2. The sample was confirmed to be GHK-Cu / KPV 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. Per-component content calculated from total net peptide content using the manufacturer's stated formulation ratio (GHK-Cu, KPV). All components confirmed present by HPLC identity testing, unless explicitly stated otherwise.
7. Chromatogram shown is representative: Dedicated V0 (99.63% purity, closest to batch mean of 99.61%).




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