

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

GHK-Cu / KPV - 70mg

Tested for: Puratek Peptides
1810 E Sahara Ave. Suite #522 | puratekpeptides.com

COA #: COA-2026-H5LMWH
Lot Number: GHKKPV70001
Accession #: ACC-2026-16879
Labeled Content: 70mg

Analysis Date: 08/21/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 08/20/2026

PASS



Method: Full QC Panel

Identity

Peptide Purity

GHK-Cu / KPV

99.84%

Fentanyl Free

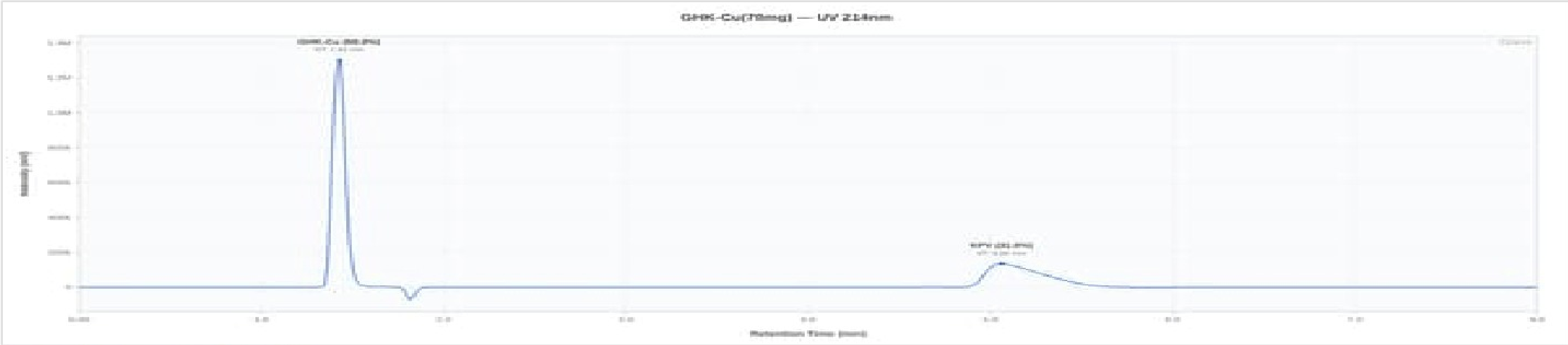
Blend Purity, Identity & Quantitation (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.84%	%	PASS
Identity (HPLC-RTM)	GHK-CU + KPV	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



GHK-Cu / KPV 70mg -
GHKKPV70001

HPLC Chromatogram



Representative chromatogram, Dedicated V0

Additional Tests

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Report Only	71.67	mg	N/A
-- GHK-Cu		51.24	mg	
-- KPV		20.43	mg	



Dr. Greg Kalyuzhny
Lab Director
8/21/2026

COA #: COA-2026-H5LMWH
Access Code: TKN4JT7
Verify: portal.ils-lab.com/verify/cNajacVALsnbzGEB
Issued: 8/21/2026

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.84%	71.67 mg	Confirmed	PASS
Conformity V1	99.83%	73.22 mg	Confirmed	PASS
Mean	99.84%	72.44 mg	—	—
Std Dev	0.0050%	0.7750 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
Lead (Pb)	NMT 1.0 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Chromium (Cr)	NMT 10.0 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>)	NMT 0.5 EU/mL	NMT 0.05 EU/mL	PASS
Acceptance criteria: NMT 0.5 EU/mL per client specification.			

Notes & Methodology

1. Date Tested: 08/21/2026. Methods: Blend Purity, Identity & Quantitation (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 chromogenic 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 (99.84% purity, closest to batch mean of 99.84%).
8. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer’s processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.



Handwritten signature of Dr. Greg Kalyuzhny

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