



Certificate of Analysis

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

KPV - 10mg

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

COA #: COA-2026-10F1NB
Lot Number: KPV10005
Accession #: ACC-2026-6008
Labeled Content: 10mg

Analysis Date: 06/29/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 06/21/2026

PASS

Scan to verify
authenticity at ils-lab.com
Access Code: C3VZE9C6

Method: Full QC Panel

Identity
KPV

Peptide Purity
99.57%

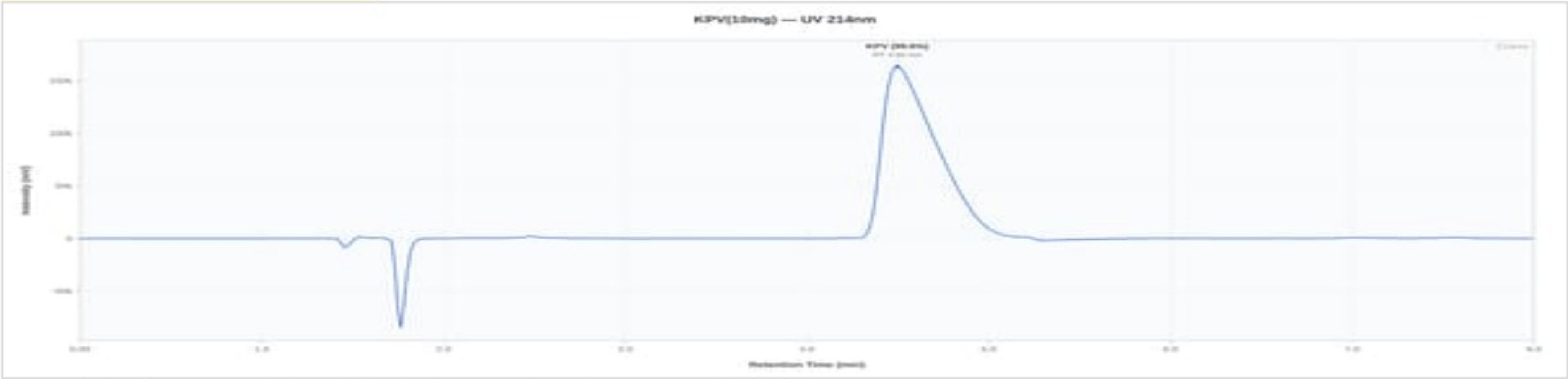
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.57%	%	PASS
Net Peptide Content	Report Only	10.3	mg	N/A
Identity (HPLC-RTM)	KPV	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



KPV 10mg - KPV10005

HPLC Chromatogram



Representative chromatogram, Conformity V1 (99.51% purity, closest to batch mean of 99.54%)

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.57%	10.3 mg	Confirmed	PASS
Conformity V1	99.51%	10.35 mg	Confirmed	PASS
Mean	99.54%	10.32 mg	—	—
Std Dev	0.0300%	0.0250 mg	—	—



Dr. Greg Kalyuzhny
Lab Director
6/29/2026

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Verify: portal.ils-lab.com/verify/VVTPC6V_acmL67Aw
Issued: 6/29/2026

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>)	NMT 0.5 EU/mL	0.065 EU/mL	PASS
Acceptance criteria: NMT 0.5 EU/mL per client specification.			

Notes & Methodology

- Date Tested: 06/29/2026. Methods: Purity & Quant (HPLC).
- The sample was confirmed to be KPV by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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.
- Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
- 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.
- Chromatogram shown is representative: Conformity V1 (99.51% purity, closest to batch mean of 99.54%).




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