

ILS Laboratories

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

KPV - 10mg

Tested for: Mile High Compounds
www.milehighcompounds.is

PASS


COA #: **COA-2026-ZH3TGS**
Lot Number: **KPV-010-MH-05**
Accession #: **ACC-2026-4634**
Labeled Content: **10mg**

Analysis Date: **06/16/2026**
Appearance: **Good**
Sample Matrix: **Lyophilized**
Vial Size: **3mL**
Date Received: **06/11/2026**



Scan to verify
authenticity at ils-lab.com
Access Code: X2WVAHWZ

Method: **Expanded QC Panel**

Identity	Peptide Purity	 Fentanyl Free
KPV	99.71%	

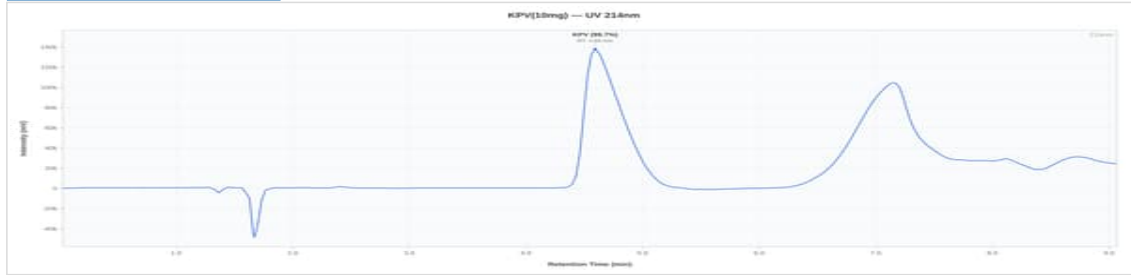


KPV 10mg - KPV-010-MH-05

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.71%	%	PASS
Net Peptide Content	Report Only	10.35	mg	N/A
Identity (HPLC-RTM)	KPV	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.71% purity, closest to batch mean of 99.71%)

HPLC Conformity Testing Results (3 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.71%	10.35 mg	Confirmed	PASS
Conformity V1	99.70%	10.61 mg	Confirmed	PASS
Conformity V2	99.71%	10.66 mg	Confirmed	PASS
Mean	99.71%	10.54 mg	—	—
Std Dev	0.0047%	0.1359 mg	—	—




Dr. Greg Kalyuzhny
Lab Director
6/16/2026

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Verify: portal.ils-lab.com/verify/ZjWB3ATAQ2Xnd6q1
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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 (USP <71>)

Sample	TSB (Tryptic Soy Broth)	FTM (Fluid Thioglycollate)	Status
Sterility Culture V3	Pending	Pending	PENDING
Sterility Culture V4	Pending	Pending	PENDING
Sterility Culture V5	Pending	Pending	PENDING

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Bacterial Endotoxin (LAL)	Report Result	Pending	PENDING

Notes & Methodology

1. Date Tested: 06/16/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be 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. Chromatogram shown is representative: Dedicated V0 (99.71% purity, closest to batch mean of 99.71%).



Handwritten signature of Dr. Greg Kalyuzhny

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 Lab Director
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