Certificate of Analysis

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

KPV - 10mg

PASS

Tested for: Step One Ventures, LLC

COA #:	**COA-2026-2XIZXJ**	Method:	**Purity & Quant (HPLC)**
Lot Number:	**KP051026S1**	Analysis Date:	**05/20/2026**
Accession #:	**ACC-2026-2536**	Appearance:	**Good**
Concentration:	**10mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/15/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
KPV	98.81%	Fentanyl Free

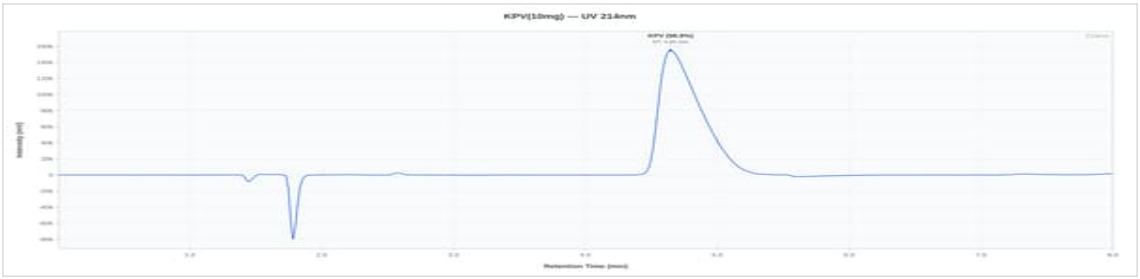


KPV 10mg - KP051026S1

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**98.81%**	%	**PASS**
Net Peptide Content	Report Only	**10.46**	mg	N/A
Identity (ID)	KPV	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

HPLC Chromatogram



KPV 10mg - KP051026S1: UV Chromatogram

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	Report Result	**0.3 EU/mL**	**Reported**

Notes & Methodology

1. Date Tested: 05/20/2026. 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. Endotoxin acceptance limits are product-specific. Results reported for client evaluation.

Dr. Greg Kalyuzhny
Lab Director
5/20/2026

COA #: **COA-2026-2XIZXJ**
Access Code: **LLHIWUWS**
Verify: portal.ils-lab.com/verify/WV1fzxqJQHT9hzw8
Issued: 5/20/2026

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