

## ILS Laboratories

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

## KPV - 30mg

Tested for: Elevated Compound

<https://elevatedcompound.com/>



COA #: COA-2026-CLZ8H3  
Lot Number: EC-KP30-2607A  
Accession #: ACC-2026-9179  
Labeled Content: 30mg

Analysis Date: 07/31/2026  
Appearance: Good  
Sample Matrix: Lyophilized  
Volume: 3mL  
Date Received: 07/09/2026

PASS



Scan to verify  
authenticity at ils-lab.com  
Access Code: TCL7PQBD

Method: Full QC Panel

Identity

KPV

Peptide Purity

99.61%

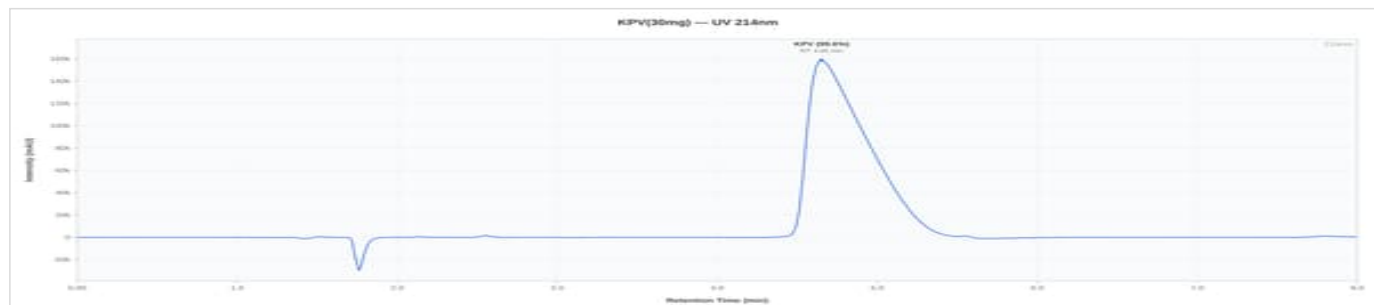


Fentanyl  
Free

## Purity, Identity & Quantitation (HPLC)

| Analyte               | Specification                | Result       | Unit | Status |
|-----------------------|------------------------------|--------------|------|--------|
| Peptide Purity (HPLC) | >= 95.0%                     | 99.61%       | %    | PASS   |
| Net Peptide Content   | Report Only                  | 30.8         | 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

## HPLC Conformity Testing Results (2 samples tested)

| Sample        | Purity  | NPC       | ID        | Result |
|---------------|---------|-----------|-----------|--------|
| Dedicated V0  | 99.61%  | 30.8 mg   | Confirmed | PASS   |
| Conformity V1 | 99.54%  | 31.32 mg  | Confirmed | PASS   |
| Mean          | 99.58%  | 31.06 mg  | —         | —      |
| Std Dev       | 0.0350% | 0.2600 mg | —         | —      |



*Dr. Greg Kalyuzhny*

Dr. Greg Kalyuzhny  
Lab Director  
7/31/2026

COA #: COA-2026-CLZ8H3  
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Verify: <portal.ils-lab.com/verify/XqCF19kb16H1Deq0>  
Issued: 7/31/2026

Heavy Metals Analysis (ICP-MS)

| Test          | Specification | Result | Status |
|---------------|---------------|--------|--------|
| Arsenic (As)  | NMT 1.5 ppm   | ND     | PASS   |
| Cadmium (Cd)  | NMT 0.5 ppm   | ND     | PASS   |
| Lead (Pb)     | NMT 1.0 ppm   | ND     | PASS   |
| Mercury (Hg)  | NMT 1.5 ppm   | ND     | PASS   |
| Chromium (Cr) | NMT 10.0 ppm  | ND     | 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 | 0.066 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

- Date Tested: 07/31/2026. Methods: Purity, Identity & Quantitation (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: Dedicated V0 (99.61% purity, closest to batch mean of 99.58%).



  
**Dr. Greg Kalyuzhny**  
Lab Director  
7/31/2026

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