

## ILS Laboratories

8222 Vickers St, Suite 106, San Diego, CA 92111  
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## KLOW - 80mg

Tested for: Merit Sciences

<https://meritsciences.com/>

COA #: COA-2026-5HUDMG  
Lot Number: LOT2026-06-0001  
Labeled Content: 80mg  
Volume: 3mL

Analysis Date: 08/01/2026  
Appearance: Good  
Volume: 3mL  
Date Received: 07/14/2026

Method: Full QC Panel

PASS



Scan to verify  
authenticity at ils-lab.com  
Access Code: P2BR8ASJ

|          |                |                                                                                     |               |
|----------|----------------|-------------------------------------------------------------------------------------|---------------|
| Identity | Peptide Purity |  | Fentanyl Free |
| KLOW     | 99.79%         |                                                                                     |               |

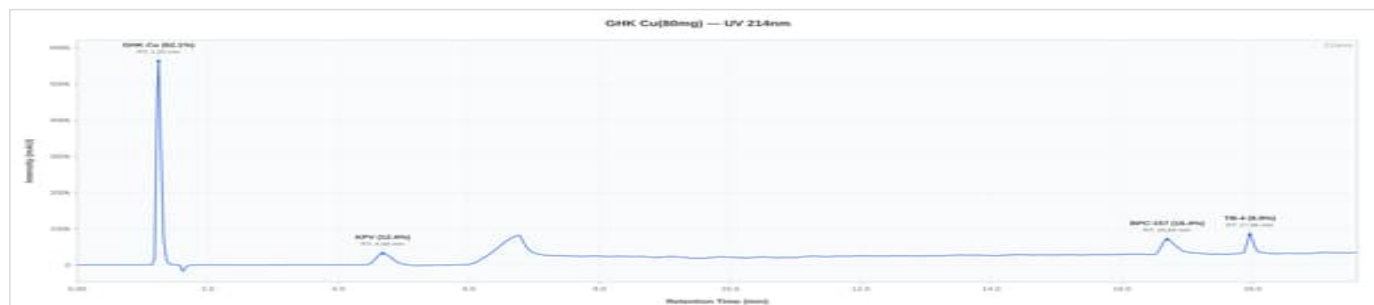
### Full QC Panel

| Analyte                   | Specification                   | Result       | Unit | Status |
|---------------------------|---------------------------------|--------------|------|--------|
| Peptide Purity (HPLC)     | >= 95.0%                        | 99.79%       | %    | PASS   |
| Net Blend Peptide Content | Report Only                     | 85.02        | mg   | N/A    |
| -- GHK-Cu                 |                                 | 53.27        | mg   |        |
| -- BPC-157                |                                 | 10.55        | mg   |        |
| -- TB-500                 |                                 | 10.76        | mg   |        |
| -- KPV                    |                                 | 10.44        | mg   |        |
| Identity (HPLC-RTM)       | GHK-CU + BPC-157 + TB-500 + KPV | Confirmed    | -    | PASS   |
| Fentanyl Screen           | Immunoassay, 50 ng/mL cutoff    | Not Detected | -    | PASS   |



KLOW 80mg - LOT2026-06-0001

### HPLC Chromatogram



KLOW 80mg - LOT2026-06-0001: UV Chromatogram

### Heavy Metals Analysis (ICP-MS)

| Test          | Specification | Result | Status |
|---------------|---------------|--------|--------|
| Arsenic (As)  | NMT 1.5 ppm   | .532   | PASS   |
| Cadmium (Cd)  | NMT 0.5 ppm   | .14    | PASS   |
| Lead (Pb)     | NMT 1.0 ppm   | .63    | PASS   |
| Mercury (Hg)  | NMT 1.5 ppm   | 0.053  | PASS   |
| Chromium (Cr) | NMT 10.0 ppm  | 2.48   | PASS   |



*Dr. Greg Kalyuzhny*

Dr. Greg Kalyuzhny  
Lab Director  
8/1/2026

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Verify: <portal.ils-lab.com>  
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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 | 0.093 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

- 1. Date Tested: 08/01/2026. Methods: Full QC Panel.
- 2. The sample was confirmed to be KLOW 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. Per-component content calculated from total net peptide content using the manufacturer's stated formulation ratio (GHK-Cu, BPC-157, TB-500, KPV). All components confirmed present by HPLC identity testing, unless explicitly stated otherwise.



  
**Dr. Greg Kalyuzhny**  
Lab Director  
8/1/2026

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