

ILS Laboratories

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KLOW - 80mg



Tested for: Midwest Peptide
<https://midwestpeptide.com/>

COA #: COA-2026-TOS5LE
Lot Number: MPKW003
Labeled Content: 80mg
Volume: 3mL

Analysis Date: 08/03/2026
Appearance: Good
Volume: 3mL
Date Received: 07/24/2026

Method: Full QC Panel

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: CUNBZ68R

Identity	Peptide Purity	Fentanyl Free
KLOW	99.48%	

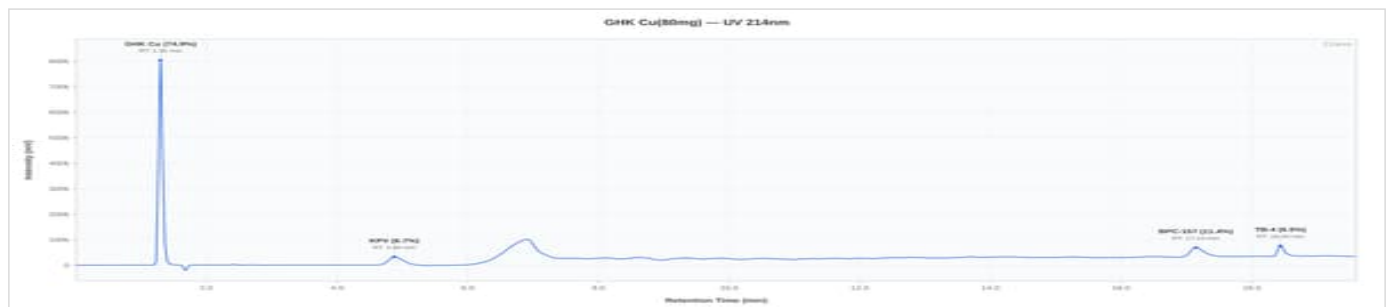
Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.48%	%	PASS
Net Blend Peptide Content	Report Only	85.37	mg	N/A
-- GHK-Cu		53.48	mg	
-- BPC-157		10.59	mg	
-- TB-500		10.81	mg	
-- KPV		10.48	mg	
Identity (HPLC-RTM)	GHK-CU + BPC-157 + TB-500 + KPV	Confirmed	-	PASS
Identity (HPLC-RTM)	GHK-CU + BPC-157 + TB-500 + KPV	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS



KLOW 80mg - MPKW003

HPLC Chromatogram



KLOW 80mg - MPKW003: UV Chromatogram



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Dr. Greg Kalyuzhny
Lab Director
8/3/2026

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Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	0.625	PASS
Cadmium (Cd)	NMT 0.5 ppm	0.1264	PASS
Lead (Pb)	NMT 1.0 ppm	0.552	PASS
Mercury (Hg)	NMT 1.5 ppm	0.614	PASS
Chromium (Cr)	NMT 10.0 ppm	5.320	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	NMT 0.05 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: 08/03/2026. 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
8/3/2026

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