

ILS Laboratories

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KLOW - 80mg

px1 Tested for: px1 research
PX1RESEARCH.COM

COA #: COA-2026-MUGMBY
Lot Number: N/A
Accession #: ACC-2026-13233
Labeled Content: 80mg

Analysis Date: 07/31/2026
Appearance: Good
Sample Matrix: Lyophilized
Volume: 3mL
Date Received: 07/29/2026

PASS



Scan to verify
authenticity at ils-lab.com
Access Code: 373ZGRAK

Method: Full QC Panel

Identity	Peptide Purity		Fentanyl Free
KLOW	99.61%		

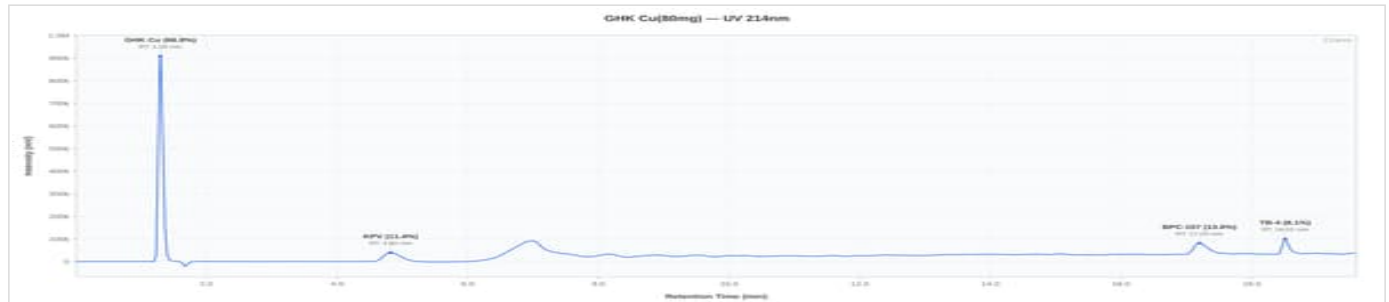
Full QC Panel

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	99.61%	%	PASS
Net Blend Peptide Content	Report Only	83.56	mg	N/A
-- GHK-Cu		52.35	mg	
-- BPC-157		10.37	mg	
-- TB-500		10.58	mg	
-- KPV		10.26	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 - N/A

HPLC Chromatogram



KLOW 80mg - N/A: UV Chromatogram



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
8/5/2026

COA #: COA-2026-MUGMBY
Access Code: 373ZGRAK
Verify: portal.ils-lab.com/verify/k0MJqvzLgFTJDkOT
Issued: 8/5/2026

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	0.356	PASS
Cadmium (Cd)	NMT 0.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	0.0421	PASS
Mercury (Hg)	NMT 1.5 ppm	0.072	PASS
Chromium (Cr)	NMT 10 ppm	0.3754	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>)	NMT 0.05 EU/mL	NMT 0.05 EU/mL	PASS

Acceptance criteria: NMT 0.05 EU/mL per client specification.

Notes & Methodology

1. Date Tested: 07/31/2026. 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.



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Lab Director
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