Certificate of Analysis

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

Klow - 80mg

PASS

Tested for: Southern Aminos
31938 Temecula Pkwy, Suite A PMB #361 Temecula, CA 92592 | www.southernaminos.com

COA #:	**COA-2026-XFEGH-**	Method:	**Full QC Panel**
Lot Number:	**KL8005256E**	Analysis Date:	**06/07/2026**
Accession #:	**ACC-2026-3767**	Appearance:	**Good**
Labeled Content:	**80mg**	Sample Matrix:	**Lyophilized**
		Date Received:	**06/02/2026**

Scan to verify authenticity at ils-lab.com
Access Code: Z4S2CYVF

Identity	Peptide Purity	
Klow	**99.97%**	**Fentanyl Free**



Klow 80mg - KL8005256E

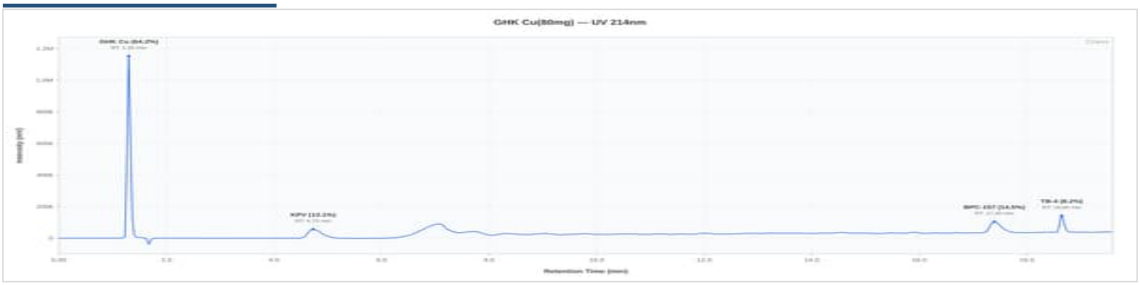
Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.97%**	%	**PASS**
Net Blend Peptide Content	Report Only	**85.24**	mg	N/A
-- GHK-Cu		*53.40*	*mg*	
-- BPC-157		*10.58*	*mg*	
-- TB-500		*10.79*	*mg*	
-- KPV		*10.47*	*mg*	
Identity (HPLC-RTM)	GHK-CU + BPC-157 + TB-500 + KPV	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.264 ppm**	ppm	**PASS**
Cadmium (Cd)	<= 0.5 ppm	**Not Detected**	ppm	**PASS**
Lead (Pb)	<= 1.0 ppm	**0.043 ppm**	ppm	**PASS**
Mercury (Hg)	<= 1.5 ppm	**Not Detected**	ppm	**PASS**
Chromium (Cr)	<= 10.0 ppm	**0.18 ppm**	ppm	**PASS**

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.97% purity, closest to batch mean of 99.97%)

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Dr. Greg Kalyuzhny
Lab Director
6/7/2026

COA #: **COA-2026-XFEGH-**
Access Code: **Z4S2CYVF**
Verify: portal.ils-lab.com/verify/AgGf6TVAp5ldhKhD
Issued: 6/7/2026

HPLC Conformity Testing Results (8 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.97%	85.24 mg	Confirmed	**PASS**
Conformity V1	99.97%	83.69 mg	Confirmed	**PASS**
Conformity V2	99.96%	82.31 mg	Confirmed	**PASS**
Conformity V3	99.95%	83.25 mg	Confirmed	**PASS**
Conformity V4	99.96%	82.7 mg	Confirmed	**PASS**
Conformity V5	99.97%	82.92 mg	Confirmed	**PASS**
Conformity V6	99.97%	84.33 mg	Confirmed	**PASS**
Conformity V7	99.97%	85.27 mg	Confirmed	**PASS**
Mean	**99.97%**	**83.71 mg**	—	—
Std Dev	**0.0071%**	**1.0592 mg**	—	—

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.

Certificate Change History **ILS QA**

Revision 1 – reissued October 30, 2026
Certificate statement updated. Test results are unchanged. Supersedes the original issued 06/07/2026.

Notes & Methodology

1. Date Tested: 06/07/2026. Methods: Blend Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be Klow by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Endotoxin tested per USP <85> kinetic turbidimetric method. Acceptance criteria per client specification.
4. 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.
5. 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.
6. Chromatogram shown is representative: Dedicated V0 (99.97% purity, closest to batch mean of 99.97%).

ILS LABS

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Lab Director
6/7/2026

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Quality System: ILS Laboratories operates an ISO/IEC 17025 quality management system. This certificate relates only to the sample(s) tested.