Certificate of Analysis

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

KLOW - 80mg

Tested for: Voltera Sciences
www.VolteraSciences.com

PASS

COA #:	**COA-2026-413217**	Analysis Date:	**05/08/2026**
Lot Number:	**KLOW-06152026**	Appearance:	**Good**
Accession #:	**ACC-2026-2010**	Sample Matrix:	**Lyophilized**
Labeled Content:	**80mg**	Vial Size:	**3mL**
		Date Received:	**05/05/2026**

Scan to verify authenticity at ils-lab.com
Access Code: EUF74258

Method: **Full QC Panel**

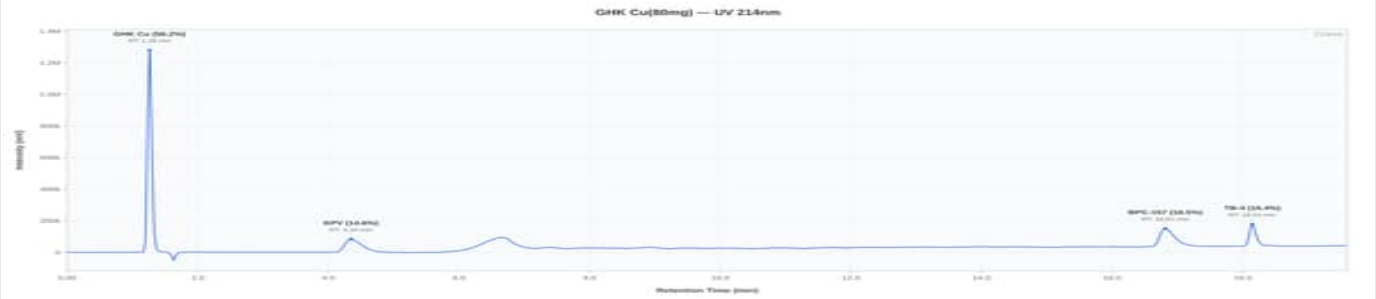
Identity	Peptide Purity
KLOW	**99.77%**

KLOW 80mg - KLOW-06152026

Blend Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	**99.77%**	%	**PASS**
Net Blend Peptide Content	Report Only	**85.54**	mg	N/A
-- GHK-Cu		*53.59*	*mg*	
-- BPC-157		*10.62*	*mg*	
-- TB-500		*10.83*	*mg*	
-- KPV		*10.50*	*mg*	
Identity (HPLC-RTM)	GHK-CU + BPC-157 + TB-500 + KPV	**Confirmed**	-	**PASS**

HPLC Chromatogram



Representative chromatogram, Dedicated V0

HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.77%	85.54 mg	Confirmed	**PASS**
Conformity V1	99.77%	85.68 mg	Confirmed	**PASS**
Mean	**99.77%**	**85.61 mg**	—	—
Std Dev	—	**0.0700 mg**	—	—

Dr. Greg Kalyuzhny
Lab Director
7/6/2026

COA #: **COA-2026-413217**
Access Code: **EUF74258**
Verify: portal.ils-lab.com/verify/C8qRli7r9rBiGGOM
Issued: 7/6/2026

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	*Not Detected*	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1 ppm	*Not Detected*	**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	**0.067 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: 06/27/2026. Methods: Blend Purity & Quant (HPLC).
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.
7. Chromatogram shown is representative: Dedicated V0 (99.77% purity, closest to batch mean of 99.77%).

Dr. Greg Kalyuzhny
Lab Director
7/6/2026

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KOVERA LABS

CERTIFICATE OF ANALYSIS

REPORT # KVR-2026-BDD594

Client: Voltera **Certified:** 05/14/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	Klow	**Form**	Lyophilized powder
Batch	KLOW.05.02.2026	**Labeled Qty**	80 mg
Cap Color	Yellow	**Crimp Color**	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT
Blend Avg Purity	(>98%)	99.939% ✓
Blend Avg Net Content	(80mg ± 10%)	87.34 mg ✓
Blend Identification (LC-MS)	(Klow)	Klow ✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS ✓
Microbial Sterility Screen	(No Growth)	No Growth ✓

BATCH CONFORMITY RESULTS

Vial	Blend Purity (%)	Blend Net Content (mg)
Vial 1	99.907	88.57
Vial 2	99.971	86.11
Batch Average	**99.939%**	**87.34 mg**

BLEND COMPONENT ANALYSIS

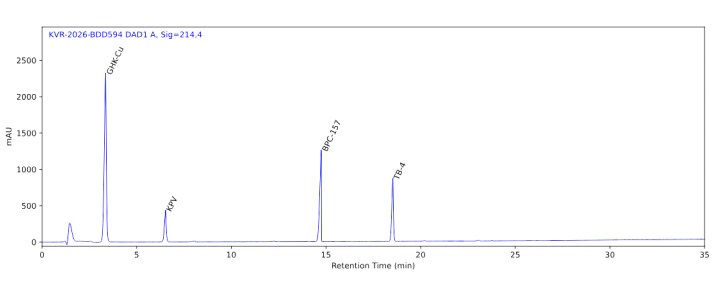
Component	Labeled	Measured
TB-500	10 mg	10.79 mg
BPC-157	10 mg	11.13 mg
KPV	10 mg	11.79 mg
GHK-Cu	50 mg	54.86 mg

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	✓
Cadmium (Cd)	Negative	✓
Lead (Pb)	Negative	✓
Mercury (Hg)	Negative	✓

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm



Lemar Arghandiwal
Lab Director

koveralabs.com/verify

Report#: KVR-2026-BDD594
Access Code: BBXYY6W