

CERTIFICATE OF ANALYSIS

Third-party analytical testing · summary cover sheet

KLOW Blend: BPC-157 (10mg) / TB-500 (10mg) / GHKcu (50mg) **AVL-KL80** mg)

AVATA LABS SKU	AVL-KL80
BATCH / LOT	20251213L01BBGS80
DATE TESTED	2026-03-21
PURITY (HPLC-UV)	99.2%
PERFORMING LAB	Analytical Formulations, Inc.
SCOPE	Microbial · Heavy metals
ARTIFACT ID	coa_f61e376feedf8221db75d6122dbd74b1

INDEPENDENTLY VERIFIABLE

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ORDERED BY



AVATA LABS

Avata Labs

PRODUCT

NAME KLOW Blend
50:10:10:10mg
SKU YPB.264
CATEGORY Blend Quantitative
Assay + Heavy Metals +
Microbial

SAMPLE

BATCH 20251213L01BBGS80
TESTED 2026-03-21

DESCRIPTION

Vial with white powder — sealed with plastic security cap. Flag tag attached at neck with manufacturer / product SKU number, PO, and expiration.

PERFORMING LAB

Analytical Formulations, Inc.
8940 Fourwinds Drive STE 107, Windcrest, TX 78239
<https://analyticalformulations.com>
Lab-certified result data: 2026-06-02



Submitted vial — YPB.264



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Purity Analytics LLC

ISSUED 2026-06-21 16:55:18 UTC
ISSUER Sectigo RSA Document Signing CA
ALGORITHM RSA-SHA512
FIELD PuritySignature
TYPE adbe.pkcs7.detached
CERT SERIAL 80EE9C34821454C706346FA64888B1B5
CERT SHA-256 E2467E56CFEE3DA8...AF9CBF0875552610
TIMESTAMP Sectigo RFC 3161 TSA

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ANALYTICAL RESULTS

COMPONENT	ANALYTE	SPECIFICATION	RESULT	P/F
GHK-Cu	Quantitative Assay	50mg/ml (NLT 90%) $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$	54.68 mg	✓
BPC-157	Quantitative Assay	10mg/ml (NLT 90%) $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$	10.94 mg	✓
TB-500	Quantitative Assay	10mg/ml (NLT 90%) $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$	10.76 mg	✓
KPV	Quantitative Assay	10mg/ml (NLT 90%) $\% = \frac{A_{TS}}{A_{STD}} \times \frac{C_{STD}}{C_{TS}} \times 100$	10.86 mg	✓
	Percent Purity	NLT 95% $r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$	99.2 %	✓
	Heavy Metals (Total Quantity)	NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co)	<150 ppb	✓
	TAMC (Aerobic/Coliform)	NMT 100 CFU/ml · Incubated 48 hrs @ 37°C	0 CFU	✓



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METHODS

- Quantitative Assay
- Percent Purity - Correlation Coefficient
- Heavy Metals - Total Quantity
- TAMC (Total Aerobic Microbial Counts)
- TYMC (Total Yeast and Mold Counts)

Microbial specifications follow the Substances for Pharmaceutical Use compendium. UV-Vis measurements performed on a Jenway 6715 UV/Vis Spectrophotometer.



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PERFORMING LABORATORY & CERTIFICATION

PERFORMING LABORATORY

Analytical Formulations, Inc.

8940 Fourwinds Drive STE 107, Windcrest, TX 78239

<https://analyticalformulations.com>

A laboratory-authorized user certified on 2026-06-02 that the submitted result data and the Purity Analytics COA generated from that data accurately represent the laboratory's reported findings for the sample identified in this report.

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NOT FOR HUMAN OR VETERINARY CONSUMPTION. NOT FOR CLINICAL, DIAGNOSTIC, THERAPEUTIC, OR DRUG USE.

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DISCLAIMER & SCOPE OF TESTING

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Pass/fail determinations reflect compliance with the acceptance criteria explicitly listed in this report and do not imply compliance with any criterion not listed. Each analytical method has inherent detection limits and measurement uncertainty; results are reported in accordance with the performing laboratory's validated standard operating procedures or the submitted laboratory data used to prepare this Purity Analytics COA.

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