Certificate of Analysis Report

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ISO 17025:2017 13485:2016

DNA Healthcare Solutions

Final Report

Nexus Bio Life

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Product Information

Name: KLOW
Quantity: 80mg

Sample Information

COA No: CA202510144051
Date Received:10/15/2025 7:15 AM
Result Date: 10/24/2025 8:25 AM
Appearance: White Crystalized Powder
Lot Number: 42616
Sample Type: Vial

Tested Product Results

KLOW 80mg (GHK-CU 50mg, TB-500 10mg, BPC-157 10mg, KPV 10mg)

Panel Chemical Analysis

Analysis	Method	Specification	Result	Qualitative Result
Chromatographic Purity	HPLC-UV/VIS	>98%	99.12%±0.18%	Conforms
Quantity	HPLC-UV/VIS	80mg	84.78 mg	Conforms
pH Value	HPLC-UV/VIS	6.0 - 8.0	7.0	Conforms

GHK-CU 50mg

Molecular Weight: 402.92 g/mol
Formula: $C_{28}H_{46}CuN_{12}O_8$
CAS: 130120-56-8

Panel Chemical Analysis

Analysis	Method	Specification	Result	Qualitative Result
Identity	HPLC-UV/VIS	GHK-CU	Bisprezatide copper	Conforms

TB-500 (Thymosin Beta-4) 10mg

Molecular Weight: 4963 g/mol
Formula: $C_{212}H_{350}N_{56}O_{78}S$
CAS: 77591-33-4

Panel Chemical Analysis

Analysis	Method	Specification	Result	Qualitative Result
Identity	HPLC-UV/VIS	Thymosin Beta-4	Thymosin Beta-4	Conforms

BPC-157 10mg

Molecular Weight: 1419.5 g/mol
Formula: $C_{62}H_{98}N_{16}O_{22}$
CAS: 137525-51-0

Panel Chemical Analysis

Analysis	Method	Specification	Result	Qualitative Result
Identity	HPLC-UV/VIS	BPC-157	BPC-157	Conforms

KPV 10mg

Molecular Weight: 342.43 g/mol
Formula: $C_{18}H_{34}N_4O_6$
CID: 90474670

Panel Chemical Analysis

Analysis	Method	Specification	Result	Qualitative Result
Identity	HPLC-UV/VIS	KPV	Tripeptide KPV	Conforms

Panel Heavy Metals

Analysis	Standard	Qualitative Result
Antimony	<0.5 ug/g	Non-Detect
Cadmium	<0.5 ug/g	Non-Detect
Arsenic	<1.5 ug/g	Non-Detect
Lead	<0.5 ug/g	Non-Detect

Panel Microbial Summary Analysis

Organism	Standard	Results	Qualitative
E. coli	USP RS	Not Detected	Negative
Salmonella enterica	USP RS	Not Detected	Negative
Staphylococcus aureus	USP RS	Not Detected	Negative
Yeast and Mold	USP RS	Not Detected	Negative
Enterobacter	USP RS	Not Detected	Negative

Certified By:

Melissa Restivo

Analytical Chemist

10/22/2025

Panel Full Microbial Analysis

Organism	Results	Qualitative
Acinetobacter baumannii	Not Detected	Negative
Anaerococcus vaginalis	Not Detected	Negative
Bacteroides fragilis (Enterotoxigenic ETBF)	Not Detected	Negative
Campylobacter jejuni, coli	Not Detected	Negative
Citrobacter freundii	Not Detected	Negative
Clostridium botulinum	Not Detected	Negative
Clostridium difficile (toxins A, B genes)	Not Detected	Negative
Clostridium perfringens, novyi, septicum	Not Detected	Negative
Corynebacterium jeikeium, striatum, tuberculostearicum	Not Detected	Negative
E. coli (DAEC) Diffusely adherent + E. coli (EAEC) Enteroaggregative	Not Detected	Negative
E. coli (EHEC) O157 Enterohemorrhagic + E. coli enteropathogenic	Not Detected	Negative
E. coli (EIEC) Enteroinvasive/Shigella spp	Not Detected	Negative
E. coli (ETEC) Enterotoxigenic	Not Detected	Negative
Finegoldia magna	Not Detected	Negative
Helicobacter pylori	Not Detected	Negative
Klebsiella spp.	Not Detected	Negative
Klebsiella pneumoniae, oxytoca	Not Detected	Negative
Listeria monocytogenes	Not Detected	Negative
Proteus mirabilis, vulgaris	Not Detected	Negative
Pseudomonas aeruginosa	Not Detected	Negative
Salmonella enterica	Not Detected	Negative
Serratia marcescens	Not Detected	Negative
Staphylococcal enterotoxins A, B	Not Detected	Negative
Vibrio cholerae, parahaemolyticus, vulnificus	Not Detected	Negative
Enterobacter aerogenes, cloacae	Not Detected	Negative
Enterococcus faecalis, faecium	Not Detected	Negative
Mycoplasma genitalium, hominis	Not Detected	Negative
Prevotella bivia, loescheii	Not Detected	Negative
Staphylococcus (coagulase negative: epidermidis, haemolyticus, lugdunensis, saprophyticus)	Not Detected	Negative
Staphylococcus aureus	Not Detected	Negative
Streptococcus agalactiae (Group B strep)	Not Detected	Negative
Candida albicans, glabrata, parapsilosis, tropicalis	Not Detected	Negative
Aspergillus flavus, fumigatus, niger, terreus	Not Detected	Negative
Blastomyces dermatitidis	Not Detected	Negative
Cladosporium herbarum	Not Detected	Negative
Curvularia lunata	Not Detected	Negative
Fusarium oxysporum, solani	Not Detected	Negative
Fusobacterium nucleatum, necrophorum	Not Detected	Negative
Haemophilus influenzae	Not Detected	Negative
Malassezia furfur, restricta, sympodialis, globosa	Not Detected	Negative

Peptoniphilus harei, ivorii	Not Detected	Negative
Peptostreptococcus anaerobius, asaccharolyticus, magnus, prevotii	Not Detected	Negative
Stenotrophomonas maltophilia	Not Detected	Negative
Streptococcus pneumoniae	Not Detected	Negative
Streptococcus pyogenes (Group A strep)	Not Detected	Negative
Epidermophyton floccosum	Not Detected	Negative
Microsporum audouinii, canis, gypseum	Not Detected	Negative

Panel Controls

Control	Results
Dnase Free Water (Negative Control)	PASS
RNase P Genes (Human DNA Control)	PASS
Pump A	0.1% Trifluoroacetic Acid (v/v), Optima™ LC/MS Grade in 100% water
Pump B	0.1% Trifluoroacetic Acid (v/v), Optima™ LC/MS Grade in 100% acetonitrile
Total Flow	1.0mL/min
Analytical Column Type	Agilent ZORBAX StableBond 5uM C18 (4.6*250mm*5uM)
Dissolution Method	100% H2O

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Analytical Chemist

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