

Certificate of Analysis

Product Information

Product Name: Klow Peptide Complex (GHK-Cu + TB-500 + BPC-157+KVP)

CAS Number: 896465-02-9

Molecular Formula: C₁₄H₂₄CuN₆O₄, C₆₂H₉₈N₁₆O₂₂, C₃₈H₆₈N₁₀O₁₄, C₁₆H₂₈N₄O₄

Molecular Weight: 696.9.g/mol

Appearance: Blue-white to off-white lyophilized powder

Batch Information

Batch / Lot Number: GLOW-2025-002

Quantity: 800mg

Date of Manufacture: 18-Dec-2025

Retest Date: 18-Dec-2027

Storage Conditions: -20 °C, dry and protected from light

Analytical Results

Test	Specification	Result	Method
Identity (Mass Spectrometry)	Consistent with theoretical mass of each peptide	Confirmed (all 3 peptides)	ESI-MS
Purity (HPLC)	≥ 98.0 % (by area, combined blend)	97.9 %	RP-HPLC
Sequence Confirmation	As per each peptide sequence	Confirmed	MS/MS, Edman degradation
Appearance	Blue-white to off-white lyophilized powder	Blue-white powder	Visual
Solubility	Soluble in sterile water (≥1 mg/mL)	Pass	Visual
Residual Solvent	≤ 0.5 %	<0.2 %	GC
Water Content (Karl Fischer)	≤ 5.0 %	0.3 %	KF titration
Acetate Content	Report only	4.9 %	Ion chromatography
Peptide Content	≥70 % (per component)	GHK-Cu 50 %, TB-500 16.6% BPC-157 16.6 % KVP 16.6%	Nitrogen analysis
Endotoxin	< 0.25 EU/mg	0.07 EU/mg	LAL test
Microbial Limit Test	<100 CFU/g, no pathogens	Pass	USP <61>/<62>

Glow Blend Peptide Complex

Compliance Statement

The above batch of **Klow Peptide Complex** complies with the stated specifications.

This batch of **Klow Complex** meets all specified analytical and microbiological criteria and is suitable for **research use only**. Manufactured and tested under controlled conditions to ensure consistency, purity, and integrity.