

# Certificate of Analysis

## Product Information

**Product Name:** Klow Peptide Complex (GHK-Cu + TB-500 + BPC-157+KVP)  
**CAS Number:** 896465-02-9  
**Molecular Formula:** C<sub>14</sub>H<sub>24</sub>CuN<sub>6</sub>O<sub>4</sub>, C<sub>62</sub>H<sub>98</sub>N<sub>16</sub>O<sub>22</sub>, C<sub>38</sub>H<sub>68</sub>N<sub>10</sub>O<sub>14</sub>, C<sub>16</sub>H<sub>28</sub>N<sub>4</sub>O<sub>4</sub>  
**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.