

# Certificate of Analysis

## Product Information

**Product Name:** Glow Blend Peptide Complex (GHK-Cu + TB-500 + BPC-157)

**Components:**

- **GHK-Cu** (Copper tripeptide) – 50 mg
- **TB-500** (Thymosin Beta-4 fragment) – 10 mg
- **BPC-157** (Body Protection Compound 157) – 10 mg

**Appearance:** Blue-white to off-white lyophilized powder

## Batch Information

**Batch / Lot Number:** GLOW-2025-002

**Quantity:** 100mg (net peptide content per vial)

**Date of Manufacture:** 02-Sep-2025

**Retest Date:** 02-Sep-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)	99.1 %	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 %	2.6 %	KF titration
Acetate Content	Report only	4.9 %	Ion chromatography
Peptide Content	≥70 % (per component)	GHK-Cu 73 %, TB-500 74 %, BPC-157 75 %	Nitrogen analysis
Endotoxin	< 0.25 EU/mg	0.08 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 **Glow Blend Peptide Complex** complies with the stated specifications. This batch of **Glow Blend 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.