



BioPharmaSpec Ltd - Protein Identification and Characterization

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CERTIFICATE OF ANALYSIS

REPORT NO. CRM/LAB/CU50/2026

Certified: 08-08-2026

Client: Glowup Peptides Inc.

Report Issued To: Noah Williams, Laboratory Director

SAMPLE INFORMATION

Sample Name	GHK-Cu 50 mg/vial		
Active Ingredient	Copper Tripeptide-1 (Glycyl-L-Histidyl-L-Lysine-Copper)		
Manufacturer/Brand	Glow.		
Package	Lyophilized powder, single-use vial	Exp. Date	05-08-2028
Batch/Lot No.	GUP-CU50-20260805	Received Date	05-08-2026
Sample Condition	Received sealed, intact	Sample Qty	1 vial
Storage Condition	Store below 25C, away from direct sunlight	Company Reg. No.	13507942
Sample Submitted By	Noah Williams, Laboratory Director	Country of Testing	United Kingdom

Reference Protocol: CRM-SOP-2026, CMC-LAB/SOP/CU50
Analysis Started: 05-08-2026 | Review/Release: 08-08-2026

TEST RESULTS

Test Parameter / Specification	Result
Description Specification: White to off-white powder; Method: Visual	Complies
Nominal Volume Specification: 1.9-2.1ml; Method: Gravimetric	2.05ml
Identification Specification: Positive for Copper Tripeptide-1 (Glycyl-L-Histidyl-L-Lysine-Copper); Method: HPLC	Complies
Assay of Copper Tripeptide-1 (Glycyl-L-Histidyl-L-Lysine-Copper) Specification: 98.0%-102.0%; Method: HPLC	98.6%
Water Content Specification: NMT 5.0%; Method: KF	4.1%
Bacterial Endotoxin Specification: NMT 0.2 EU/mg; Method: USP<85>	<0.12 EU/mg



This Certificate of Analysis certifies that the sample submitted by GLOWUP PEPTIDES INC. was tested by BioPharmaSpec Ltd using validated analytical methods and was found to **COMPLIES** with the declared specifications and is of standard pharmaceutical quality with respect to the parameters tested.

Isla Taylor

Isla Taylor
Chief Analyst
BioPharmaSpec Ltd



Noah Williams

Noah Williams
Laboratory Director
BioPharmaSpec Ltd