Genecore Laboratories®

CERTIFICATE OF ANALYSIS

DOC GL-COA
REPORT GL-GL506-45T-C1
ISSUED 17/05/2026

INDEPENDENT TESTING • QUALITY ASSURANCE • PEPTIDE ANALYSIS • RESEARCH USE ONLY • CONFIDENTIAL

ANALYSED BY AN INDEPENDENT UK LABORATORY PARTNER USING ESTABLISHED HPLC & LC-MS METHODS.

CERTIFICATE ID	PREPARED FOR	SAMPLE	EXPECTED MW
GL-GL506-45T-C1	Genesis Peptides	GLOW	N/A (Mixture)
SERVICE TIER	**BATCH / LOT**	**ANALYSIS DATE**	**INSTRUMENT**
Combined - HPLC + LC-MS	GLW506	17/05/2026	Shimadzu LCMS-8040 • PDA
METHOD	**DETECTION**	**MS IONIZATION**	**ACQUISITION**
HPLC + ESI-MS	UV 215 nm (±4)	ESI+ (positive)	Single injection • UV and MS in line
COLUMN	**MOBILE PHASE**	**FLOW RATE**	**SAMPLE QUANTITY**
Zorbax Extend C18, 4.6 x 150 mm	0.1% Formic Acid in Water / 0.1% Formic Acid in Acetonitrile	0.5ml/min	70.00 mg (reconstituted)

00 ASSESSMENT

SAMPLE AS RECEIVED

PURITY – HPLC	✓ 99.70%	Major peaks detected at expected retention times. *What this means: the sample is 99.70% pure by HPLC (total peak area).*
IDENTITY – LC-MS	✓ Confirmed	All major components detected with expected masses (mixture). *What this means: the detected molecular weights match the declared components.*

SAMPLE DESCRIPTION & LAB NOTES

RECORDED ON RECEIPT

FORM	COLOUR	CONDITION	QUANTITY	MS / IDENTITY MATCH
Lyophilized powder	Blue (light)	As Expected	70.00 mg	Matches expected

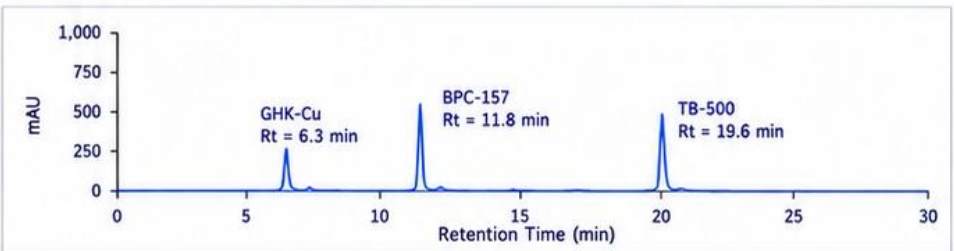
LAB NOTES Multiple peptide components detected in line with GLOW composition (GHK-Cu, BPC-157, TB-500). No unexpected peaks of significance detected. Quantitation based on UV peak area.



SAMPLE AS RECEIVED

01 HPLC – CHROMATOGRAM

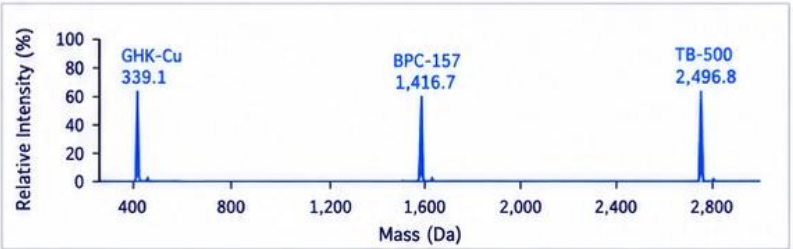
HPLC • PDA • 215 NM



HPLC RESULTS	
Retention Time (Major)	6.3 / 11.8 / 19.6 min
Purity (Area %)	99.70%
Total Impurities	0.30%
Number of Major Peaks	3
Matches Expected	Yes

02 MASS SPECTRUM (DECONVOLUTED)

ESI+ • LC-MS



MS RESULTS (DECONVOLUTED)

Component	Observed Mass (Da)	Expected Mass (Da)	Mass Error (ppm)	Identity
GHK-Cu	339.1	339.1	0.0	Confirmed
BPC-157	1,416.7	1,416.7	0.0	Confirmed
TB-500	2,496.8	2,496.8	0.0	Confirmed