eira london

CERTIFICATE OF ANALYSIS
BATCH RELEASE DOCUMENT

CERTIFICATE OF ANALYSIS / BATCH RELEASE & COMPOSITION VERIFICATION

GLOW 70mg

Fixed-ratio regenerative peptide blend — **GHK–Cu · BPC–157 · TB–500** — sterile-filled lyophilised powder, released against independent third-party HPLC–UV, ICP–MS heavy-metal, endotoxin and sterility analysis.

PRODUCT	LOT · BATCH	TESTING LABORATORY	REPORT DATE
GLOW 70mg Blue-tinged lyophilised powder	EL-GLW70-0626 Single production lot	Independent Third-party laboratory	12 June 2026

HPLC–UV PURITY

>99.50%

Combined main-peak area · reported ±0.18%

● MEETS RELEASE SPEC

COMPOSITION GHK–Cu · BPC–157 · TB–500	**Confirmed**
TOTAL PEPTIDE CONTENT Sum of three assays	**72.27mg** ≥ 70mg
BACTERIAL ENDOTOXIN LAL · see page 2	**Pass** <5.00 EU/mg

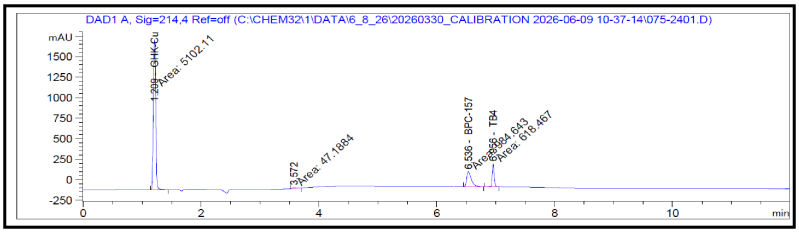
01 PURITY · COMPOSITION · CONTENT — Analytical Results

TEST	METHOD	RESULT	RELEASE SPECIFICATION	STATUS
Chromatographic Purity Combined main-peak area %	HPLC–UV/VIS	**>99.50%** Reported ±0.18%	≥ 99.0%	PASS
Assay — GHK–Cu Copper tripeptide-1	HPLC–UV/VIS	**52.18mg**	Component confirmed	PASS
Assay — BPC–157 Pentadecapeptide	HPLC–UV/VIS	**10.34mg**	Component confirmed	PASS
Assay — TB–500 Thymosin β4 fragment	HPLC–UV/VIS	**9.75mg**	Component confirmed	PASS
Total Peptide Content Sum of three assays	Gravimetric · HPLC	**72.27mg**	≥ 70.0mg (label claim)	PASS

Methods. Component content and identity by high-performance liquid chromatography with UV/VIS detection (HPLC–UV/VIS) against reference standards; chromatographic purity reported as combined main-peak area %. **Status** is assessed against acceptance criteria set by Eira London for research-grade (RUO) release. **GLOW** is a fixed-ratio blend of GHK–Cu (copper tripeptide-1), BPC–157 and TB–500 (a thymosin β4 fragment). Elemental-impurity, endotoxin and sterility results are reported on **page 2**.

02 INSTRUMENT TRACE — Chromatogram

CHROMATOGRAM — HPLC–UV/VIS · DAD 214 NM



Three resolved components — **GHK–Cu** (≈1.2 min), **BPC–157** (≈6.5 min) and **TB–500** (≈7.0 min) — on a stable baseline; combined main-peak purity integrated at **>99.50%** of total area with no significant co-eluting impurities.

Released for research use. This batch conforms to Eira London's research-grade release specification on the basis of the independent analytical data above and the contaminant, endotoxin and sterility data on page 2. Certificate refers only to the lot and sample(s) tested.

Eira London

AUTHORISED — QUALITY & COMPLIANCE
Batch released 12 June 2026

BATCH RUO VERIFIED

CONTINUED FROM PAGE 1 / LOT EL-GLW70-0626 · 12 JUNE 2026

Safety & Contaminant Screen

Independent third-party **ICP–MS** elemental-impurity, **bacterial endotoxin (LAL)** and **sterility (USP <71>)** analysis for **GLOW 70mg**, batch EL-GLW70-0626.

PRODUCT	LOT · BATCH	TESTING LABORATORY	REPORT DATE
GLOW 70mg Blue-tinged lyophilised powder	EL-GLW70-0626 Single production lot	Independent Third-party laboratory	12 June 2026

03 ELEMENTAL IMPURITIES — Heavy Metals · ICP–MS

ANALYTE	METHOD	LOQ (PPM)	RESULT (PPM)	STATUS
Arsenic (As) Elemental impurity	ICP–MS	0.01	0.22	PASS
Cadmium (Cd) Elemental impurity	ICP–MS	0.01	ND	PASS
Lead (Pb) Elemental impurity	ICP–MS	0.02	ND	PASS
Mercury (Hg) Elemental impurity	ICP–MS	0.005	ND	PASS

Methods. Elemental impurities by inductively-coupled-plasma mass spectrometry (ICP–MS), reported in parts per million (ppm). Results accepted against USP <232>/<233> elemental-impurity limits; the detected arsenic (0.22 ppm) is within limit for the tested dosage form. **ND** = non-detect · **LOQ** = limit of quantification.

04 MICROBIAL · ENDOTOXIN — Sterility & Endotoxin

TEST	METHOD	RESULT	RELEASE SPECIFICATION	STATUS
Bacterial Endotoxin Pyrogen screen	LAL	<5.00 EU/mg	≤ 5 EU/mg	PASS
Sterility Direct inoculation	USP <71>	No growth detected	Sterile / no growth	PASS

Methods. Bacterial endotoxin by Limulus Amebocyte Lysate (LAL) assay; sterility by USP <71> direct inoculation. Endotoxin pass/fail is based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult). **Status** is assessed against acceptance criteria set by Eira London for research-grade (RUO) release.

Released for research use. Read together with page 1 (purity, composition and content), the contaminant, endotoxin and sterility data above complete the batch-release record for lot EL-GLW70-0626. Certificate refers only to the lot and sample(s) tested.

Eira London

AUTHORISED — QUALITY & COMPLIANCE
Batch released 12 June 2026