eira london

CERTIFICATE OF ANALYSIS
BATCH RELEASE DOCUMENT

CERTIFICATE OF ANALYSIS / BATCH RELEASE & IDENTITY VERIFICATION

BPC–157 10mg

Synthetic pentadecapeptide **(body-protection compound / BPC–157)** · 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
BPC-157 10mg White lyophilised powder	EL-BPC10-0626 Single production lot	Independent Third-party laboratory	4 June 2026

HPLC–UV PURITY
99.09%
Main-peak area · reported ±0.18%
● MEETS RELEASE SPEC

IDENTITY HPLC assay & retention	**BPC–157** Confirmed
NET PEPTIDE CONTENT HPLC–UV/VIS assay	**11.34mg** ≥ 10mg
BACTERIAL ENDOTOXIN LAL · see page 2	**Pass** 7.70 EU/mg

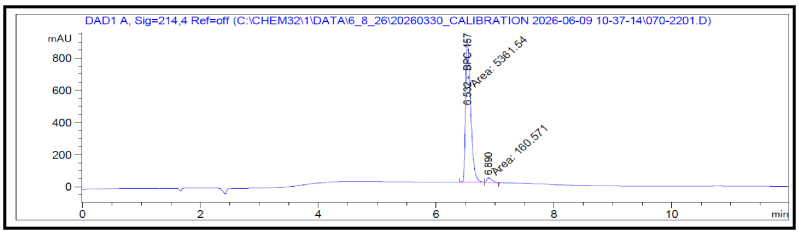
01 PURITY · IDENTITY · CONTENT — Analytical Results

TEST	METHOD	RESULT	RELEASE SPECIFICATION	STATUS
Identity Main-peak assignment	HPLC–UV/VIS	**BPC–157** Single dominant peak · ≈6.5 min	Single dominant peak	PASS
Chromatographic Purity Main-peak area %	HPLC–UV/VIS	**99.09%** Reported ±0.18%	≥ 98.0%	PASS
Net Peptide Content Assay vs. label claim	HPLC–UV/VIS	**11.34mg**	≥ 10.0mg (label claim)	PASS

Methods. Content and purity by high-performance liquid chromatography with UV/VIS detection (HPLC–UV/VIS) against a reference standard; chromatographic purity reported as main-peak area %. Identity is assigned from the single dominant HPLC peak and its assayed content (no orthogonal mass-spectrometric confirmation was performed for this batch). **Status** is assessed against acceptance criteria set by Eira London for research-grade (RUO) release. Elemental-impurity, endotoxin and sterility results are reported on **page 2**.

02 INSTRUMENT TRACE — Chromatogram

CHROMATOGRAM — HPLC–UV/VIS · DAD 214 NM



Single dominant **BPC–157** peak eluting at **≈6.5 min** on a stable baseline, integrated at **99.09%** 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.

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AUTHORISED — QUALITY & COMPLIANCE
Batch released 4 June 2026

BATCH RUO VERIFIED

CONTINUED FROM PAGE 1 / LOT EL-BPC10-0626 · 4 JUNE 2026

Safety & Contaminant Screen

Independent third-party **ICP–MS** elemental-impurity, **bacterial endotoxin (LAL)** and **sterility (USP <71>)** analysis for **BPC-157 10mg**, batch EL-BPC10-0626.

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BPC-157 10mg White lyophilised powder	EL-BPC10-0626 Single production lot	Independent Third-party laboratory	4 June 2026

03 ELEMENTAL IMPURITIES — Heavy Metals · ICP–MS

ANALYTE	METHOD	LOQ (PPM)	RESULT (PPM)	STATUS
Arsenic (As) Elemental impurity	ICP–MS	0.01	ND	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; all four analytes were **non-detect**. **ND** = non-detect · **LOQ** = limit of quantification.

04 MICROBIAL · ENDOTOXIN — Sterility & Endotoxin

TEST	METHOD	RESULT	RELEASE SPECIFICATION	STATUS
Bacterial Endotoxin Pyrogen screen	LAL	7.70 EU/mg	≤ 5 EU/kg (≤350 EU/dose)	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, identity and content), the contaminant, endotoxin and sterility data above complete the batch-release record for lot EL-BPC10-0626. Certificate refers only to the lot and sample(s) tested.

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AUTHORISED — QUALITY & COMPLIANCE
Batch released 4 June 2026

BATCH RUO VERIFIED