

CERTIFICATE OF ANALYSIS

BPC-157 + TB-500

Recovery Blend · 5mg + 5mg Lyophilised

01 PRODUCT INFORMATION

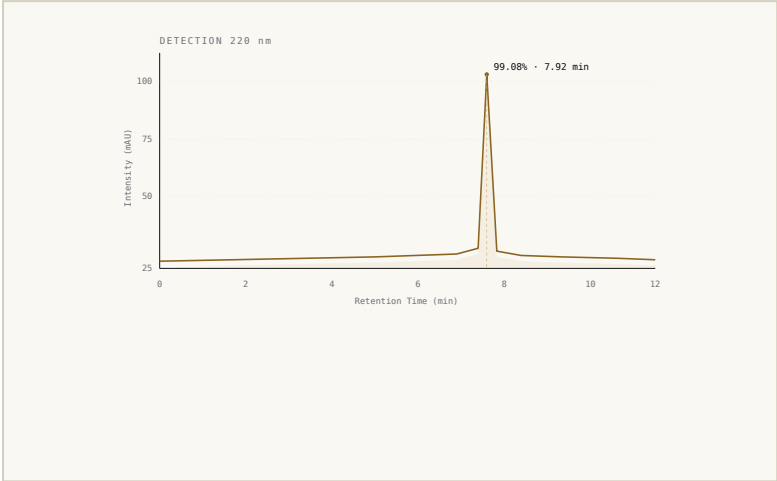
PRODUCT	BPC-157 + TB-500	CAS NUMBER	Blend (multiple)
CHEMICAL NAME	BPC-157 + Thymosin Beta-4 fragment (co-lyophilised blend)	MOL. FORMULA	Two-peptide blend
QUANTITY	5mg each per vial	MOL. WEIGHT	Composite (2 components)
BATCH / LOT	BPCTB250506	APPEARANCE	White lyophilised powder
MFG. DATE	06 May 2026	RETEST DATE	06 May 2028
STORAGE	2–8°C, dark, dry	INTENDED USE	Research Use Only

02 ANALYTICAL RESULTS

TEST ITEM	SPECIFICATION	RESULT	METHOD
Appearance	White to off-white lyophilised powder	✓ COMPLIES	Visual
Identification	Positive	✓ COMPLIES	HPLC / MS
Structural Confirmation	Matches reference standard	✓ COMPLIES	Mass Spec.
Purity	≥ 99.0%	99.08%	HPLC
Assay (Active Content)	≥ 98.0%	99.5%	HPLC
Water Content	≤ 8.0%	2.8%	Karl Fischer
Bacterial Endotoxins	≤ 10 EU/mg	< 2 EU/mg	LAL Test
Residual Solvents	Meets USP / EP requirements	✓ COMPLIES	GC
Heavy Metals	≤ 10 ppm	< 1 ppm	ICP-MS
Sterility	Sterile	✓ COMPLIES	USP <71>
pH (Reconstituted)	4.0 – 7.0	5.5	pH Meter

RESEARCH USE ONLY

03 HPLC CHROMATOGRAM SUMMARY



MAIN PEAK RT	7.92 min
PEAK AREA	99.08%
TOTAL IMPURITIES	0.92%
DETECTION	UV 220 nm
COLUMN	C18 reversed-phase

04 MASS SPECTROMETRY SUMMARY

ANALYSIS MODE	LC-MS, positive ion mode
COMPONENT IDENTIFICATION	Both components detected: 1419.6 Da & 4963.4 Da
REFERENCE STANDARD	Matches in-house blend reference
RESULT	✓ IDENTITY CONFIRMED

05 QUALITY ASSURANCE & AUTHORISATION

“This batch has been manufactured and tested in accordance with internal quality control procedures and complies with all specifications listed in this Certificate of Analysis.”

RELEASED
QC APPROVED

APPROVED BY Daniel Hughes	SIGNATURE D. Hughes	DATE OF ISSUE 06 May 2026
QUALITY ASSURANCE MANAGER	AUTHORISED DIGITALLY	ISSUED DIGITALLY

06 LABORATORY INFORMATION

ANALYTICAL TESTING BY Hongbai Technology Co. Independent third-party laboratory · HPLC · MS · ICP-MS · LAL			ISO/IEC 17025 ACCREDITED
ISSUED BY Nexapep Ltd	EMAIL hello@nexapep.co.uk	WEBSITE nexapep.co.uk	
DOCUMENT TYPE Independent Third-Party CoA	TEST REPORT NO. HB-BPCTB250506	SAMPLE REFERENCE BPCTB250506	



DOCUMENT VERIFICATION REFERENCE
NX-BPCTB250506-8E89-0AF6

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