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

CERTIFICATE ID	PREPARED FOR	SAMPLE	COMPONENTS
PV-7B3FC2-DBEL-91	BioSupplyUK	KLOW (blend)	4 peptides
SERVICE TIER	BATCH / LOT	ANALYSIS DATE	INSTRUMENT
Combined · HPLC + LC-MS	BSUK004	01/09/2026	Shimadzu LCMS-8040 · PDA

MS IONIZATION
ESI+ (positive)

00 ASSESSMENT · BLEND

PER-COMPONENT

GHK-CU	98.73%	Identity Confirmed	UV area 40.6% · RT 1.397 min · detected MW 340.2 Da
KPV	98.34%	Identity Confirmed	UV area 23.0% · RT 7.413 min · detected MW 342.2 Da
BPC-157	99.27%	Identity Confirmed	UV area 22.0% · RT 11.904 min · detected MW 1,419.0 Da
TB-500 (THYMOSIN BETA-4)	99.25%	Identity Confirmed	UV area 14.4% · RT 13.099 min · detected MW 4,962.3 Da

UV COMPOSITION RATIO GHK-Cu 40.6% : KPV 23.0% : BPC-157 22.0% : TB-500 (Thymosin Beta-4) 14.4%

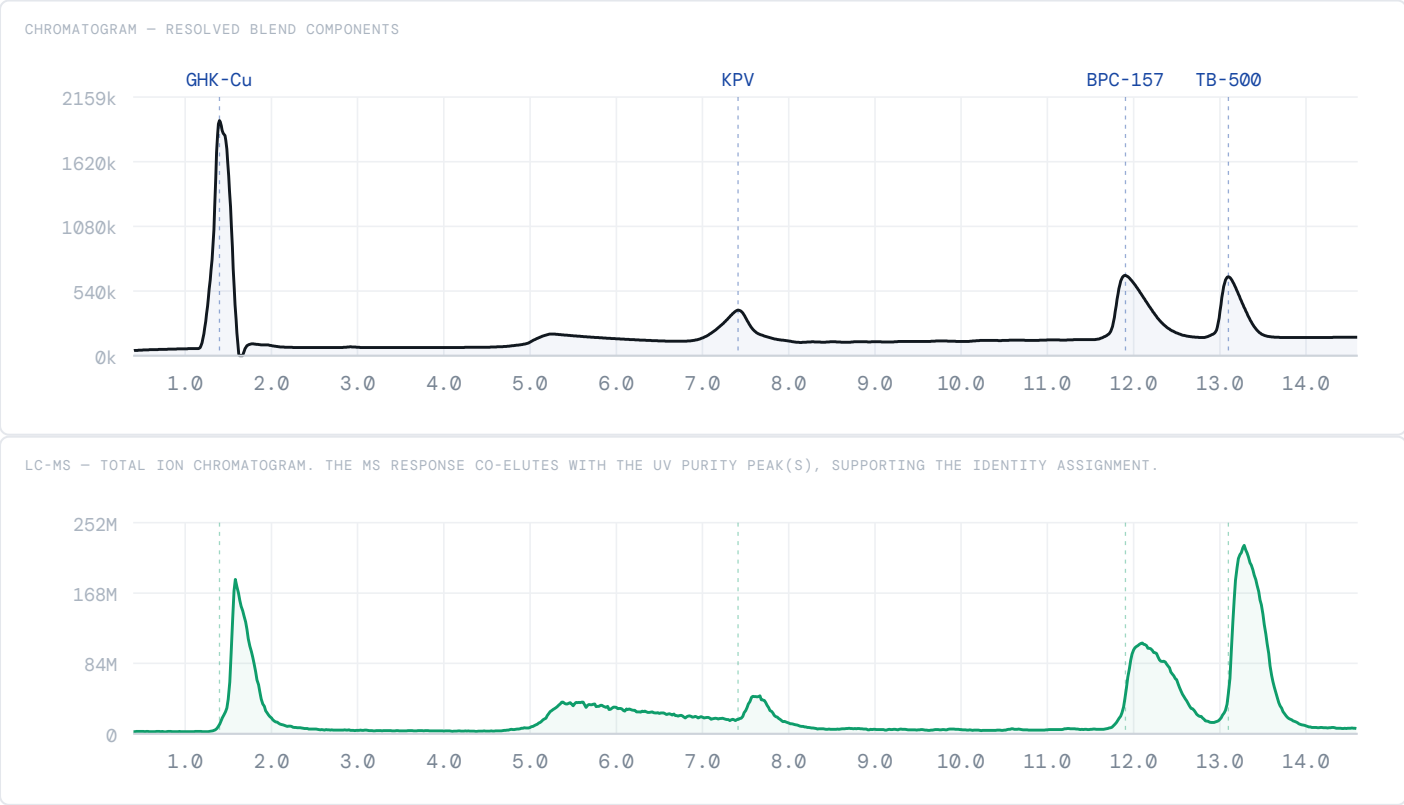
⊕ SAMPLE DESCRIPTION & LAB NOTES

RECORDED ON RECEIPT

FORM	COLOUR	CONDITION	OBSERVED RT
Lyophilized powder	Other	As Expected	1.40 min

01 HPLC — CHROMATOGRAM

HPLC · PDA · 215 NM



#	COMPONENT	RT / MIN	AREA %	PPI %	PLATES N
1	GHK-Cu	1.397	40.65	98.73	282
2	KPV	7.413	22.97	98.34	2,053
3	BPC-157	11.904	22.02	99.27	4,759
4	TB-500 (Thymosin Beta-4)	13.099	14.37	99.25	12,136



02 LC-MS – COMPONENT IDENTITY

ESI · PER-COMPONENT INTACT MASS



COMPONENT	EXPECTED MW	DETECTED MW	OUTCOME	EVIDENCE
GHK-Cu	340.38	340.2	CONFIRMED	Cu-peptide identity confirmed: free peptide detected at m/z 341.20 (340.4 Da reference) with supporting Cu isotope doublet at m/z 426.1 (M+2 ratio 46%)
KPV	342.44	342.2	CONFIRMED	Small molecule: [M+H] ⁺ confirmed as base peak (572 ppm) ✓ Isotope pattern consistent
BPC-157	1,419.56	1,419.0	CONFIRMED	2 charge states matched and agree (±0.12 Da) ✓ Base peak matches expected charge state
TB-500 (Thymosin Beta-4)	4,963.00	4,962.3	CONFIRMED	3 charge states matched and agree (±0.17 Da) Base peak not matched, but charge states are reasonably strong

Blend identity: all components confirmed. Each declared peptide was resolved chromatographically and independently confirmed by intact-mass LC-MS. Purity is reported per component as its Peak Purity Index; the ratio reflects relative UV area.

04 VERIFICATION

TAMPER-EVIDENT RECORD



● INDEPENDENTLY VERIFIABLE

peptideverify.co.uk/verify/PV-7B3FC2-DBEL-91

INTEGRITY SHA-256 · 528b0f4e...e0367d8a

SOURCE DATA · 202600901 batch 3_PV-7B3FC2-DBEL-91_005.lcd

Scan or visit the URL to confirm this certificate against PeptideVerify's source record.

AUTHORISED BY



CHRISTOPHER BRAY · PEPTIDEVERIFY · 04/09/2026

TERMS This certificate reports analysis of the sample as received. It is not a guarantee of other units or batches, and is not an endorsement of any product, seller or vendor. For research use only, not for human consumption, and not a safety assessment or medical advice. Confirm authenticity at peptideverify.co.uk/verify.