



PEP CODE
CERTIFICATE OF ANALYSIS

CoA No.: PC-
BPL26082TCBWJ
Issue Date:
2025-10-30
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Guangzhou PeiMa Biotechnology Co., Ltd.

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Web: <https://pepcode.co>

PRODUCT **BBG80/KLOW80** 80mg*10vials

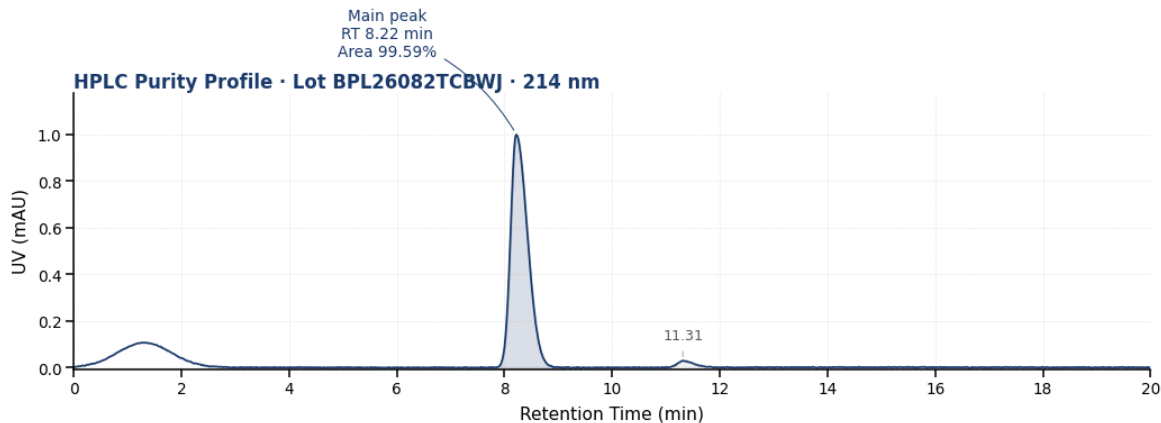
Product Name	BBG80/KLOW80	Chemical Name	BPC 157 10mg+GHK-CU 50mg+TB500 10mg+KPV 10mg
Lot / Batch No.	BPL26082TCBWJ	Specification	80mg*10vials
CAS No.	1375251-53-0	Manufacture Date	2025-10-03
Retest / Expiry	2027-10-03	Shelf Life	24 months
Storage	-20 °C, sealed, protect from light & moisture		

1 SPECIFICATION & TEST RESULTS

Test Item	Test Method	Specification	Result	Conclusion
Appearance	Visual	White to off-white lyophilized powder	White to off-white powder	Conforms
Identification	MS / ¹ H NMR	Consistent with reference standard	Conforms	Conforms
Assay (Peptide Content)	Amino Acid Analysis	95.0 – 105.0 %	99.9 %	Pass
Purity (HPLC)	RP-HPLC / UV 214 nm	≥ 98.0 %	99.59 %	Pass
Single Impurity	RP-HPLC	≤ 1.0 %	0.23 %	Pass
Total Impurities	RP-HPLC	≤ 2.0 %	0.41 %	Pass
Water Content (KF)	Karl Fischer	≤ 6.0 %	4.72 %	Pass
Acetate Content	IC / HPLC	≤ 15.0 %	10.26 %	Pass
Bacterial Endotoxin	Gel-Clot / LAL	≤ 10 EU/mg	< 5.0 EU/mg	Pass
Heavy Metals	ICP-MS	≤ 10 ppm	< 10 ppm	Pass
Residual Solvents	GC (USP <467>)	Complies with USP <467>	Complies	Conforms
Mass Balance	Calculation	97.0 – 103.0 %	99.4 %	Pass
Amino Acid Analysis	AAA	Conforms (±10%)	Conforms (±10%)	Conforms

RESULT: CONFORMS / PASSED The above batch meets PEP CODE enterprise specification and is released for export sale.

2 HPLC CHROMATOGRAPHIC PURITY



Method: Reversed-phase HPLC / UV · Column: C18, 4.6 × 250 mm, 5 μm

Mobile phase: 0.1% TFA in H₂O / ACN · Flow: 1.0 mL/min · Detection: UV 214 nm

Gradient: 5→60% B over 20 min · Main peak RT: 8.22 min

Peak Purity (Area): **99.59%** Single Impurity: **0.23%** Total Impurities: **0.41%** Ref: USP <621> / ICH Q2(R1)

Authorized by

Quality Manager

Date

2025-10-30



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