



PEP CODE
CERTIFICATE OF ANALYSIS

CoA No.: PC-
BPL2608Z9S5E3
Issue Date:
2026-08-09
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Guangzhou PeiMa Biotechnology Co., Ltd.

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PRODUCT **BB20** 20mg*10vials

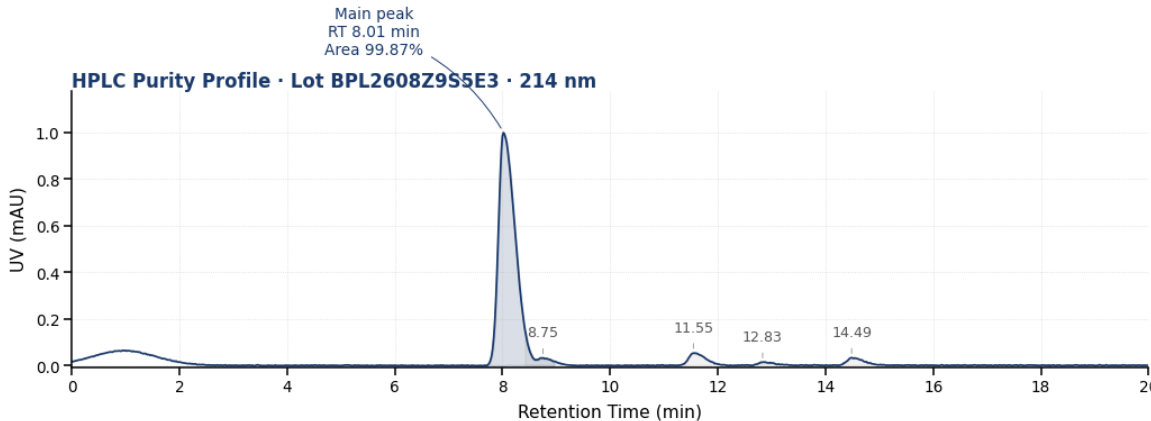
Product Name	BB20	Chemical Name	BPC 10mg + TB 10mg
Lot / Batch No.	BPL2608Z9S5E3	Specification	20mg*10vials
CAS No.	—	Manufacture Date	2026-07-16
Retest / Expiry	2028-07-16	Shelf Life	24 months
Storage	-20 °C, sealed, protect from light & moisture		

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 %	99.2 %	Pass
Purity (HPLC)	RP-HPLC / UV 214 nm	≥ 98.0 %	99.87 %	Pass
Single Impurity	RP-HPLC	≤ 1.0 %	0.14 %	Pass
Total Impurities	RP-HPLC	≤ 2.0 %	0.13 %	Pass
Water Content (KF)	Karl Fischer	≤ 6.0 %	1.65 %	Pass
Acetate Content	IC / HPLC	≤ 15.0 %	12.93 %	Pass
Bacterial Endotoxin	Gel-Clot / LAL	≤ 10 EU/mg	< 5.0 EU/mg	Pass
Heavy Metals	ICP-MS	≤ 10 ppm	< 5 ppm	Pass
Residual Solvents	GC (USP <467>)	Complies with USP <467>	Complies	Conforms
Mass Balance	Calculation	97.0 – 103.0 %	98.8 %	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: 8.01 min
Peak Purity (Area): **99.87%** Single Impurity: **0.14%** Total Impurities: **0.13%** Ref: USP <621> / ICH Q2(R1)

Authorized by

陈永涛

Quality Manager

李永红

Date

2026-08-09



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