CRAFA
PEPTIDE & COMPOUND ANALYSIS

Independent Peptide & Research-Compound Testing
14 Mill Lane, Cambridge, United Kingdom

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-2074
Issued: 2026-10-15

PRODUCT IDENTIFICATION

PRODUCT
BPC-157 10 mg

SKU / INTERNAL CODE
CRF-2026-2074

PRESENTATION
Lyophilised powder, 10 mg vial

BATCH NUMBER
LOT-2610-2074

CLIENT
veltispeptides.mx

SAMPLE RECEIVED
2026-10-10

ANALYSIS DATE
2026-10-13

PRODUCTION DATE
2026-10-08

ISSUED
2026-10-15

EXPIRY / RETEST
2028-10-15

MOLECULAR FORMULA
C62H98N16O22

MOLECULAR WEIGHT
1419.5

CAS NUMBER
137525-51-0

ANALYTICAL METHOD

PANEL
SILVER - HPLC-UV + LC-MS/MS + ICP-MS (Pb/As/Cd/Hg) + LAL endotoxin

METHOD
RP-HPLC-UV 214 nm · LC-MS/MS ESI Q-TOF · ICP-MS · LAL kinetic chromogenic (USP <85>)

INSTRUMENT
Agilent 1290 · Agilent 7900 ICP-MS · Charles River Endosafe nexgen-PTS

Column: C18 4.6×150mm | Temperature: 35°C | Mobile phase: 0.1% TFA H2O / ACN | Flow: 1.0 mL/min | Retention time: 9.1 min

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1. PURITY & ASSAY - RP-HPLC-UV (214 nm)

Test	Specification	Result	Status
HPLC Purity	≥98.0%	99.6%	PASS
Quantity	95.0-105.0%	10.0 mg (100.0%)	PASS

2. LC-MS/MS STRUCTURAL CONFIRMATION

Test	Reported data	Status
Theoretical [M+H]+	1420.5 | Observed: 1420.7 | Δ +0.20 Da	PASS
Sequence Coverage (MS/MS)	≥95% | 100% (GEPPPGKPADDAGLV, 15 aa)	PASS
Key fragments	b5 512.3 · b9 866.4 · y5 460.3 · y10 942.5	PASS
Modifications	free N-terminal Gly, free C-terminal Val - no acetylation, no amidation	PASS

RESEARCH USE ONLY - NOT FOR HUMAN OR VETERINARY USE

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3. HEAVY METALS - ICP-MS (USP <232>/<233>)

Test	Specification	Result	Status
Pb		<0.05 µg/g	PASS
As		<0.10 µg/g	PASS
Cd		<0.02 µg/g	PASS
Hg		<0.01 µg/g	PASS

4. ENDOTOXIN - LAL kinetic chromogenic (USP <85>)

Test	Reported data	Status
Result	<1.0 EU/mg limit | 0.18 EU/mg | PPC recovery 93%	PASS

FINAL BATCH RESULT

PASS - Conforms to specifications

ANALYST NOTES

Stable gastric pentadecapeptide. No diketopiperazine or deamidated species above 0.25%. Acetate salt 6.4% w/w.

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