CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-2083
Issued: 2026-10-16

PRODUCT IDENTIFICATION

PRODUCT
Glow-70 70 mg

SKU / INTERNAL CODE
CRF-2026-2083

PRESENTATION
Lyophilised powder, 70 mg vial

BATCH NUMBER
LOT-2610-2083

CLIENT
veltispeptides.mx

SAMPLE RECEIVED
2026-10-11

ANALYSIS DATE
2026-10-14

PRODUCTION DATE
2026-10-09

ISSUED
2026-10-16

EXPIRY / RETEST
2028-10-16

COMPOSITION
GHK-Cu 50 mg + BPC-157 10 mg + TB-500 10 mg

MOLECULAR FORMULA
Blend (C14H22N6O4.Cu + C62H98N16O22 + C212H350N56O78S)

MOLECULAR WEIGHT
401.91 / 1419.5 / 4964.4

CAS NUMBER
N/A (blend)

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
Thermo Q-Exactive · Agilent 7900 ICP-MS · Charles River Endosafe nexgen-PTS

Column: C4 2.1×100mm | Temperature: 60°C | Mobile phase: 0.1% TFA H2O / ACN | Flow: 0.3 mL/min | Retention time: 6.1 / 9.1 / 6.4 min

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

Test	Specification	Result	Status
HPLC Purity	≥98.0%	99.3%	PASS
Quantity (total)	95.0-105.0%	69.8 mg (99.7%)	PASS
Ratio Check (50:10:10)	±5%	49.9 / 10.1 / 10.0 mg	PASS

2. LC-MS/MS STRUCTURAL CONFIRMATION

Test	Reported data	Status
GHK-Cu	[M+Cu-H]+ theor 402.1 | obs 402.3 | Δ +0.20 Da	PASS
BPC-157	[M+H]+ theor 1420.5 | obs 1420.8 | Δ +0.30 Da	PASS
TB-500	[M+H]+ theor 4964.4 | obs 4964.7 | Δ +0.30 Da	PASS
Sequence Coverage	GHK 100% · BPC-157 100% · TB-500 98%	PASS
Key fragments	GHK b3 340.2 · BPC b9 866.4 / y10 942.5 · TB b12 1437.7 / y20 2331.2	PASS
Modifications	GHK-Cu Cu-isotope pattern confirmed; TB-500 N-acetyl confirmed	PASS
Cross-contamination	none - three masses baseline-resolved	PASS

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

Test	Specification	Result	Status
Pb	≤5.0 µg/g	<0.05 µg/g	PASS
As	≤15.0 µg/g	<0.10 µg/g	PASS
Cd	≤2.0 µg/g	<0.02 µg/g	PASS
Hg	≤3.0 µg/g	<0.01 µg/g	PASS

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

Test	Reported data	Status
Result	<1.0 EU/mg limit | 0.27 EU/mg | PPC recovery 83%	PASS

FINAL BATCH RESULT

PASS - Conforms to specifications

ANALYST NOTES

Three-component skin/repair blend. All three masses resolved by LC-MS; GHK-Cu confirmed as genuine copper complex via 63Cu/65Cu isotope pattern. No component degradation in co-lyophilised matrix.

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