CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-2068
Issued: 2026-10-14

PRODUCT IDENTIFICATION

PRODUCT
Ipamorelin 10 mg

SKU / INTERNAL CODE
CRF-2026-2068

PRESENTATION
Lyophilised powder, 10 mg vial

BATCH NUMBER
LOT-2610-2068

CLIENT
veltispeptides.mx

SAMPLE RECEIVED
2026-10-09

ANALYSIS DATE
2026-10-12

PRODUCTION DATE
2026-10-07

ISSUED
2026-10-14

EXPIRY / RETEST
2028-10-14

MOLECULAR FORMULA
C38H49N9O5

MOLECULAR WEIGHT
711.85

CAS NUMBER
170851-70-4

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: 7.4 min

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

Test	Specification	Result	Status
HPLC Purity	≥98.0%	99.5%	PASS
Quantity	95.0-105.0%	9.97 mg (99.7%)	PASS

2. LC-MS/MS STRUCTURAL CONFIRMATION

Test	Reported data	Status
Theoretical [M+H]+	712.9 | Observed: 713.3 | Δ +0.40 Da	PASS
Sequence Coverage (MS/MS)	≥95% | 100%	PASS
Key fragments	b2 314.2 · b4 597.3 · y3 340.2 · y5 551.3	PASS
Modifications	D-residues and C-terminal amide confirmed	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 | 0.21 EU/mg | PPC recovery 90%	PASS

FINAL BATCH RESULT

PASS - Conforms to specifications

ANALYST NOTES

High-dose presentation. No detectable epimerisation; acetate content 6.1% w/w.

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