CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-2072
Issued: 2026-10-15

PRODUCT IDENTIFICATION

PRODUCT	GHRP-6 5 mg
SKU / INTERNAL CODE	CRF-2026-2072
PRESENTATION	Lyophilised powder, 5 mg vial
BATCH NUMBER	LOT-2610-2072

CLIENT	SAMPLE RECEIVED	ANALYSIS DATE
veltispeptides.mx	2026-10-10	2026-10-13
PRODUCTION DATE	ISSUED	EXPIRY / RETEST
2026-10-08	2026-10-15	2028-10-15

MOLECULAR FORMULA
C46H56N12O6

MOLECULAR WEIGHT	CAS NUMBER
873.0	87616-84-0

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
Waters ACQUITY · 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: 7.6 min

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

Test	Specification	Result	Status
HPLC Purity	≥98.0%	99.3%	PASS
Quantity	95.0-105.0%	5.01 mg (100.2%)	PASS

2. LC-MS/MS STRUCTURAL CONFIRMATION

Test	Reported data	Status
Theoretical [M+H]+	874.0 | Observed: 874.3 | Δ +0.30 Da	PASS
Sequence Coverage (MS/MS)	≥95% | 100% (His-D-Trp-Ala-Trp-D-Phe-Lys-NH2)	PASS
Key fragments	b2 293.1 · b4 592.3 · y3 372.2 · y5 634.4	PASS
Modifications	D-Trp2 and D-Phe5 confirmed by chiral retention shift; C-terminal amide confirmed (-0.98 Da)	PASS

RESEARCH USE ONLY - NOT FOR HUMAN OR VETERINARY USE

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 | 0.20 EU/mg | PPC recovery 91%	PASS

FINAL BATCH RESULT

PASS - Conforms to specifications

ANALYST NOTES

Hexapeptide GHRP, ghrelin receptor agonist. No racemisation at Ala3/Trp4; acetate content 5.9% w/w.

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