CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-1022
Issued: 2026-10-05

PRODUCT IDENTIFICATION

PRODUCT AHK-Cu 100mg	SKU / INTERNAL CODE CRF-AHKCU100MG	PRESENTATION Lyophilised powder, 100mg vial
BATCH NUMBER LOT-2610-022	SAMPLE RECEIVED 2026-09-28	PRODUCTION DATE 2026-09-25
ANALYSIS DATE 2026-10-03	EXPIRY / RETEST DATE 2028-10-03	MOLECULAR FORMULA C15H24CuN6O4
MOLECULAR WEIGHT (G/MOL) 415.94	CAS 147870-02-2	

Research Use Only (RUO). Not for human or veterinary use, consumption, or clinical diagnosis.

ANALYTICAL METHOD — HPLC

INSTRUMENT Waters ACQUITY	COLUMN C18 2.1×100mm	COLUMN TEMPERATURE 40°C
MOBILE PHASE A 0.1% TFA H2O	MOBILE PHASE B ACN	FLOW RATE 0.4 mL/min
DETECTION WAVELENGTH 214 nm	INJECTION VOLUME 5 µL	SAMPLE CONCENTRATION 1.0 mg/mL
DILUENT —	RETENTION TIME (MAIN PEAK) 5.5 min	

Recorded methods: HPLC-UV (214 nm) · LC-MS/MS · LAL · ICP-MS

RESULTS

Test	Acceptance Criteria	Result	Verdict
HPLC Purity (% area)	≥98.0%	99.9%	PASS
Identity (LC-MS)	402.9 ±2%	Obs: 403.2 [M-Cu+H]+	PASS

Verify document: VEL-d2e3f4a5b6c7d8e9 · crafalab.com/verify
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Applies only to batch LOT-2610-022. Certificate CRF-2026-1022.
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Test	Acceptance Criteria	Result	Verdict
Quantity found	95.0–105.0%	99.2 mg (99.2%)	PASS
Endotoxin	<1.0 EU/mg	<0.25 EU/mg	PASS
Heavy metals	<10 ppm	All <LOQ	PASS

Detected Impurities

No impurity data recorded.

FINAL BATCH RESULT

PASS — Conforms to specifications

No chromatogram data recorded.

Analyst notes: Category: Longevity. Sample conforms to label claim and Gold panel acceptance criteria.

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