CRAFA
PEPTIDE & COMPOUND ANALYSIS

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0156
Issued: 2026-09-02

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

PRODUCT IDENTIFICATION

PRODUCT AHK-Cu 100mg	SKU / INTERNAL CODE CRF-2026-0156	PRESENTATION Lyophilised powder, 100mg vial
BATCH NUMBER CRF-2026-0156	SAMPLE RECEIVED 2026-08-26	PRODUCTION DATE 2026-08-21
ANALYSIS DATE 2026-08-31	EXPIRY / RETEST DATE 2028-08-31	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%	99.8%	PASS
Identity (LC-MS)	402.9 ±2%	Obs: 403.2 [M+H]+	PASS

Test	Acceptance Criteria	Result	Verdict
Quantity found	95.0–105.0%	99.0 mg (99.0%)	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.

crafa

CRAFA