



CRAFA

PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0160

Issued: 2026-02-02T00:00:00.000Z

PRODUCT IDENTIFICATION

PRODUCT	SKU / INTERNAL CODE	PRESENTATION
MOTS-c 10mg	CRF-MOTSC10MG	Lyophilised powder, 10mg vial
BATCH NUMBER	SAMPLE RECEIVED	PRODUCTION DATE
VL-1117-26	2026-01-26T00:00:00.000Z	Not recorded
ANALYSIS DATE	EXPIRY / RETEST DATE	MOLECULAR FORMULA
Not recorded	Not recorded	Not recorded
MOLECULAR WEIGHT (G/MOL)	CAS	
Not recorded	Not recorded	

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

ANALYTICAL METHOD — HPLC

INSTRUMENT	COLUMN	COLUMN TEMPERATURE
—	—	— °C
MOBILE PHASE A	MOBILE PHASE B	FLOW RATE
—	—	— mL/min
DETECTION WAVELENGTH	INJECTION VOLUME	SAMPLE CONCENTRATION
214 nm	— µL	— mg/mL
DILUENT	RETENTION TIME (MAIN PEAK)	
—	— min	

Recorded methods: HPLC-UV (214 nm) · LC-MS/MS (Q-Exactive) · LAL endotoxin · ICP-MS heavy metals

RESULTS

Test	Acceptance Criteria	Result	Verdict
HPLC Purity (% area)	Not recorded	99.4%	PASS
Identity (LC-MS)	Expected mass: —	Confirmed — LC-MS m/z 2174.5 [M+H] ⁺ Observed: 2174.5	NOT RECORDED



Test	Acceptance Criteria	Result	Verdict
Quantity found	—	98.7% of claim	NOT RECORDED
Endotoxin	—	<0.25 EU/mg	NOT RECORDED
Heavy metals	—	Pb, As, Cd, Hg — all below LOQ	NOT RECORDED

Detected Impurities

No impurity data recorded.

FINAL BATCH RESULT

NOT RECORDED — Batch disposition pending

No chromatogram data recorded.

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



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