CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0190
Issued: 2026-09-16

PRODUCT IDENTIFICATION

PRODUCT TB-500 10mg	SKU / INTERNAL CODE CRF-2026-0190	PRESENTATION Lyophilised powder, 10mg vial
BATCH NUMBER CRF-2026-0190	SAMPLE RECEIVED 2026-09-09	PRODUCTION DATE 2026-09-04
ANALYSIS DATE 2026-09-14	EXPIRY / RETEST DATE 2028-09-14	MOLECULAR FORMULA C38H68N10O14
MOLECULAR WEIGHT (G/MOL) 889.00	CAS 885340-08-9	

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

ANALYTICAL METHOD — HPLC

INSTRUMENT Agilent 1290	COLUMN C18 4.6×150mm	COLUMN TEMPERATURE 35°C
MOBILE PHASE A 0.1% TFA H2O	MOBILE PHASE B ACN	FLOW RATE 1.0 mL/min
DETECTION WAVELENGTH 214 nm	INJECTION VOLUME 10 µL	SAMPLE CONCENTRATION 1.0 mg/mL
DILUENT —	RETENTION TIME (MAIN PEAK) 6.4 min	

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

RESULTS

Test	Acceptance Criteria	Result	Verdict
HPLC Purity (% area)	≥98.0%	99.2%	PASS
Identity (LC-MS)	4964.4 ±2%	Obs: 4964.8 [M+H]+	PASS

Verify document: VEL-30717ca4ca2be0f6 · crafalab.com/verify
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Applies only to batch CRF-2026-0190. Certificate CRF-2026-0190.
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Test	Acceptance Criteria	Result	Verdict
Quantity found	95.0–105.0%	9.94 mg (99.4%)	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: Recovery & Repair. Sample conforms to label claim and Gold panel acceptance criteria.

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