CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0165
Issued: 2026-09-11

PRODUCT IDENTIFICATION

PRODUCT Retatrutide 10mg	SKU / INTERNAL CODE CRF-2026-0165	PRESENTATION Lyophilised powder, 10mg vial
BATCH NUMBER CRF-2026-0165	SAMPLE RECEIVED 2026-09-04	PRODUCTION DATE 2026-08-30
ANALYSIS DATE 2026-09-09	EXPIRY / RETEST DATE 2028-09-09	MOLECULAR FORMULA C221H342N46O68
MOLECULAR WEIGHT (G/MOL) 4731.36	CAS 2381089-83-2	

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

ANALYTICAL METHOD — HPLC

INSTRUMENT Waters Xevo G3	COLUMN C4 2.1×100mm	COLUMN TEMPERATURE 60°C
MOBILE PHASE A 0.1% TFA H2O	MOBILE PHASE B ACN	FLOW RATE 0.3 mL/min
DETECTION WAVELENGTH 214 nm	INJECTION VOLUME 5 µL	SAMPLE CONCENTRATION 0.5 mg/mL
DILUENT —	RETENTION TIME (MAIN PEAK) 14.2 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)	4731.4 ±2%	Obs: 4731.2 [M+H]+	PASS

Verify document: VEL-1a3ca76bdce52d93 · crafalab.com/verify
RESEARCH USE ONLY — NOT FOR HUMAN OR VETERINARY USE
Applies only to batch CRF-2026-0165. Certificate CRF-2026-0165.
CRAFA · crafalab.com

Test	Acceptance Criteria	Result	Verdict
Quantity found	95.0–105.0%	9.91 mg (99.1%)	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: Metabolic (GLP-1). Sample conforms to label claim and Gold panel acceptance criteria.

crafa

CRAFA