CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0240
Issued: 2026-09-25

PRODUCT IDENTIFICATION

PRODUCT Retatrutide + Cagrilintide 5 mg/5 mg	SKU / INTERNAL CODE CRF-2026-0240	PRESENTATION Lyophilised powder, 10 mg vial
BATCH NUMBER CRF-2026-0240	SAMPLE RECEIVED 2026-09-18	PRODUCTION DATE 2026-09-12
ANALYSIS DATE 2026-09-23	EXPIRY / RETEST DATE 2028-09-23	MOLECULAR FORMULA (REFERENCE) Blend (C221H342N46O68 + C194H312N54O59S2)
MOLECULAR WEIGHT (G/MOL; REFERENCE) N/A	CAS (REFERENCE) N/A	

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 214 nm	INJECTION VOLUME — µL	SAMPLE CONCENTRATION — mg/mL
DILUENT —	RETENTION TIME (MAIN PEAK) — min	

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

RESULTS

Test	Acceptance Criteria	Result	Verdict
HPLC Purity (% area)	≥98.0%	99.0%	PASS
Identity (LC-MS)	4732.4 & 4410.0 ±2%	Obs: 4732.7 / 4410.2 [M+H]+	PASS
Quantity found	95.0–105.0%	9.92 mg (99.2%)	PASS
Endotoxin	<1.0 EU/mg	<0.5 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: Triple agonist + amylin analogue ratio verified at 1:1.

released for analytical and preclinical research applications. Source template footer: This certificate is valid only for the referenced lot and sample condition. Store lyophilised material at 2–8°C, protected from light and moisture. Reconstitute only with bacteriostatic or sterile water using gentle swirling.

ANALYTICAL METHOD

INSTRUMENT Thermo Q-Exactive	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
RETENTION TIME (MAIN PEAK) 14.2 / 12.1 min		



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