CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0244
Issued: 2026-09-29

PRODUCT IDENTIFICATION

PRODUCT Adipotide 5 mg	SKU / INTERNAL CODE CRF-2026-0244	PRESENTATION Lyophilised powder, 5 mg vial
BATCH NUMBER CRF-2026-0244	SAMPLE RECEIVED 2026-09-22	PRODUCTION DATE 2026-09-16
ANALYSIS DATE 2026-09-27	EXPIRY / RETEST DATE 2028-09-27	MOLECULAR FORMULA (REFERENCE) C111H206N36O28S2
MOLECULAR WEIGHT (G/MOL; REFERENCE) 2557.2	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%	98.9%	PASS
Identity (Method not recorded)	2557.2 ±2%	Obs: 1346.5 [M+H]+	NOT RECORDED
Quantity found	95.0–105.0%	4.96 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

NOT RECORDED — Batch disposition pending

No chromatogram data recorded.

Analyst notes: Fatty acid conjugate confirmed, high target specificity.

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 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 0.5 mg/mL
RETENTION TIME (MAIN PEAK) 10.1 min		



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