CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0154
Issued: 2026-09-15

PRODUCT IDENTIFICATION

PRODUCT Vitamin B12 10mg/mL	SKU / INTERNAL CODE CRF-2026-0154	PRESENTATION Solution, 10mg/mL
BATCH NUMBER CRF-2026-0154	SAMPLE RECEIVED 2026-09-09	PRODUCTION DATE 2026-09-05
ANALYSIS DATE 2026-09-13	EXPIRY / RETEST DATE 2028-09-13	MOLECULAR FORMULA C63H88CoN14O14P
MOLECULAR WEIGHT (G/MOL) 1355.38	CAS 68-19-9	

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

Recorded methods: HPLC-UV · LC-MS · KF water content · Residual solvents (GC)

RESULTS

Test	Acceptance Criteria	Result	Verdict
HPLC Purity (% area)	≥98.0%	99.3%	PASS
Identity (LC-MS)	1355.4 ±2%	Obs: 1355.4 [M+H]+	PASS
Quantity found	95.0–105.0%	9.98 mg/mL (99.8%)	PASS
Endotoxin	<1.0 EU/mg	N/A	N/A
Heavy metals	<10 ppm	All <LOQ	PASS

Detected Impurities

No impurity data recorded.

FINAL BATCH RESULT

PASS — Conforms to specifications

Verify document: VEL-7a3cb982c321da2a · crafalab.com/verify
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Applies only to batch CRF-2026-0154. Certificate CRF-2026-0154.
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No chromatogram data recorded.

Analyst notes: Category: Growth & Hormones. Sample conforms to label claim and Gold panel acceptance criteria.

ANALYTICAL METHOD

INSTRUMENT Agilent 1260	COLUMN C18 4.6×150mm	COLUMN TEMPERATURE 30°C
MOBILE PHASE A 0.1% Formic Acid	MOBILE PHASE B MeOH	FLOW RATE 1.0 mL/min
	INJECTION VOLUME 10 µL	SAMPLE CONCENTRATION 1.0 mg/mL

RETENTION TIME (MAIN PEAK)
6.4 min

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