CRAFA
PEPTIDE & COMPOUND ANALYSIS

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

CERTIFICATE OF ANALYSIS

Certificate of Analysis (COA)

No. CRF-2026-0143
Issued: 2026-09-04

PRODUCT IDENTIFICATION

PRODUCT DSIP 10mg	SKU / INTERNAL CODE CRF-2026-0143	PRESENTATION Lyophilised powder, 10mg vial
BATCH NUMBER CRF-2026-0143	SAMPLE RECEIVED 2026-08-29	PRODUCTION DATE 2026-08-25
ANALYSIS DATE 2026-09-02	EXPIRY / RETEST DATE 2028-09-02	MOLECULAR FORMULA C35H48N10O15
MOLECULAR WEIGHT (G/MOL) 848.80	CAS 62568-57-4	

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) 6.2 min	

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

RESULTS

Test	Acceptance Criteria	Result	Verdict
HPLC Purity (% area)	≥98.0%	99.6%	PASS
Identity (LC-MS)	850.4 ±2%	Obs: 850.4 [M+H]+	PASS

Verify document: VEL-29d7b152aba0d177 · crafalab.com/verify
RESEARCH USE ONLY — NOT FOR HUMAN OR VETERINARY USE
Applies only to batch CRF-2026-0143. Certificate CRF-2026-0143.
CRAFA · crafalab.com

Test	Acceptance Criteria	Result	Verdict
Quantity found	95.0–105.0%	9.87 mg (98.7%)	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: Cognitive. Sample conforms to label claim and Gold panel acceptance criteria.

crafa

CRAFA