

CERTIFICATE OF ANALYSIS

COA BCX-260807-001

Received: 2026-08-03 | Analyzed: 2026-08-05 | Issued: 2026-08-07



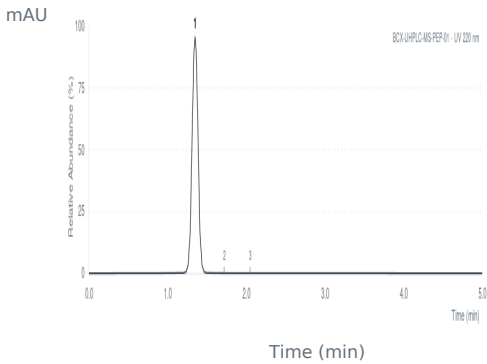
VERIFICATION KEY
ZVQ4QLVDGAPDRN9L

Client	Compound	CAS	Lot / Batch
Chameleon Peptides	KPV (Lys-Pro-Val)	67727-97-3	112455
BioChex ID	Formula	Mol Wt	Appearance
BCX-S-260803-KPV-001	C16H30N4O4	342.43 g/mol	White lyophilized powder

Specification	Result	Status
Identity Test: LC-MS, [M+H] ⁺ m/z 343.23 (single-ch...	KPV (Lys-Pro-Val) (m/z matches theoretical)	CONFORMS
Net Quantity: Gravimetric (calibrated balance)	10 mg ± 15 %	CONFORMS
Purity: RP-UHPLC, area % at 220 nm	≥ 98.0 %	CONFORMS

METHODS & CONDITIONS Thermo Vanquish UHPLC + Q-Exactive Orbitrap MS · Col Waters BEH C18, 2.1 × 50 mm, 1.7 μm · A: 0.1% formic acid in water / B: 0.1% formic acid in acetonitrile · 5 → 95 % B over 4.5 min, hold 0.5 min · 0.4 mL/min · 40 °C · inj 2 μL · 5.0 min run · UV (220 nm) + ESI+ Q-Orbitrap 220 nm

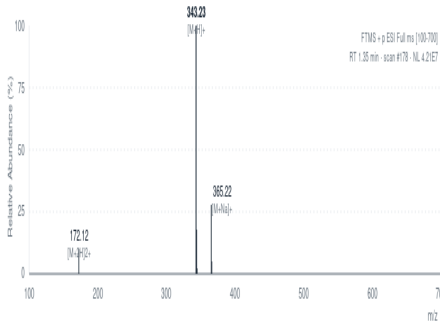
HPLC CHROMATOGRAM



RT / Peak Analysis **MASS SPECTRUM**



ESI+ Q-Orbitrap



CERTIFICATION

Analyzed per BioChex procedures. Results apply only to the sample(s) as received. Not medical advice or product-safety approval. Not valid unless verified at biochex.org/verify; not for reproduction except in full. BioChex · contact@biochex.org · 8275 S Eastern Ave #200, Las Vegas, NV 89123.

REVIEWED / AUTHORIZED BY

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Director of Analytical Services · 2026-08-07
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