

Certificate of Analysis

Issued by Peptigen Labs Ltd for the batch identified below. Analytical results were generated by an independent third-party testing laboratory commissioned for this batch. The original laboratory report is retained on file.

Product Identification

Product name	KPV
Catalogue / SKU	PL-KPV-10
Molecular formula	C16H30N4O4
Molecular weight	342.44 g/mol
CAS / source ID	67727-97-3
Appearance	White to off-white lyophilised powder

Batch Identification

Batch / lot number	KV-24001
Strength per vial	10 mg per vial
Quantity per vial	10 mg
Manufacture date	2026-04-10
Retest / expiry date	2028-04-10
Storage	Store sealed at 2–8 °C, protected from light. Reconstituted material to be stored at –20 °C.

Analytical Results

Parameter	Method	Specification	Result	Status
Appearance	Visual inspection	White to off-white lyophilised powder	Conforms	PASS
Identity (KPV)	MALDI-MS ([M+H] ⁺)	343.23 ± 0.5 Da	Conforms (343.2 Da)	PASS

Net peptide content	HPLC quantitation	10.0 mg $\pm$ 10 %	9.88 mg	PASS
Purity (main peak)	RP-HPLC (UV, 214 nm)	$\geq$ 98.0 %	99.8 %	PASS
Total impurities	RP-HPLC (UV, 214 nm)	$\leq$ 2.0 %	0.2 %	PASS
Chromatographic retention time	RP-HPLC (UV, 214 nm)	Matches reference standard	Conforms (Rt 2.217 min)	PASS

All tested parameters for batch **KV-24001** meet the manufacturer's specification. Material is released for research use.

Reported by	Independent third-party testing laboratory (report reference #2604578)
Original report date	18 April 2026
Reproduced by	Peptigen Labs Ltd
Date reproduced	18 April 2026
Reproduction reference	PL-COA-PL-KPV-10-KV-24001

Analytical data source: The analytical results shown in this Certificate of Analysis were generated by an **independent third-party testing laboratory** commissioned to test the batch identified above. The original third-party laboratory report is retained on file by Peptigen Labs Ltd and can be produced on lawful request from a competent regulator or, with appropriate authorisation, from the customer of record.

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