

Title:

Certificate of Analysis (CoA)



Date: 7/17/2026

Date Tested: 7/17/2026

Customer:

Testing material: KPV

Lot Number: KPV626

BT Sample ID: 005000040930584

Labeled Peptide

Content/Potency: 10 mg

Storage: R.T.

Visual Description: Small clear vial; white sample, white label, silver crimp, black plastic cap.

Labeled as: KPV

Manufacturer:

Testing Purpose: FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	32.5 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of KPV with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	14.6 mg (146.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	14.6 : 37.9 mg (1:2.6)

The results of the CoA relate only to the item(s) tested and applied to the sample as received.

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