



Report #:

COA261383-001

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Title:

Certificate of Analysis (CoA)



Date: 9/15/2026
Date Tested: 9/13/2026
Customer: Alpine Peptide
Testing material: KPV
Lot Number: KPV-2026-110
Sample ID: BTL261383-001
Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, clear pink plastic cap.
Labeled as: KPV
Manufacturer: Alpine
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	86.9 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	11.8 mg (117.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	11.8 : 75.1 mg (1:6.4)

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

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Rev 1.1 August 2026



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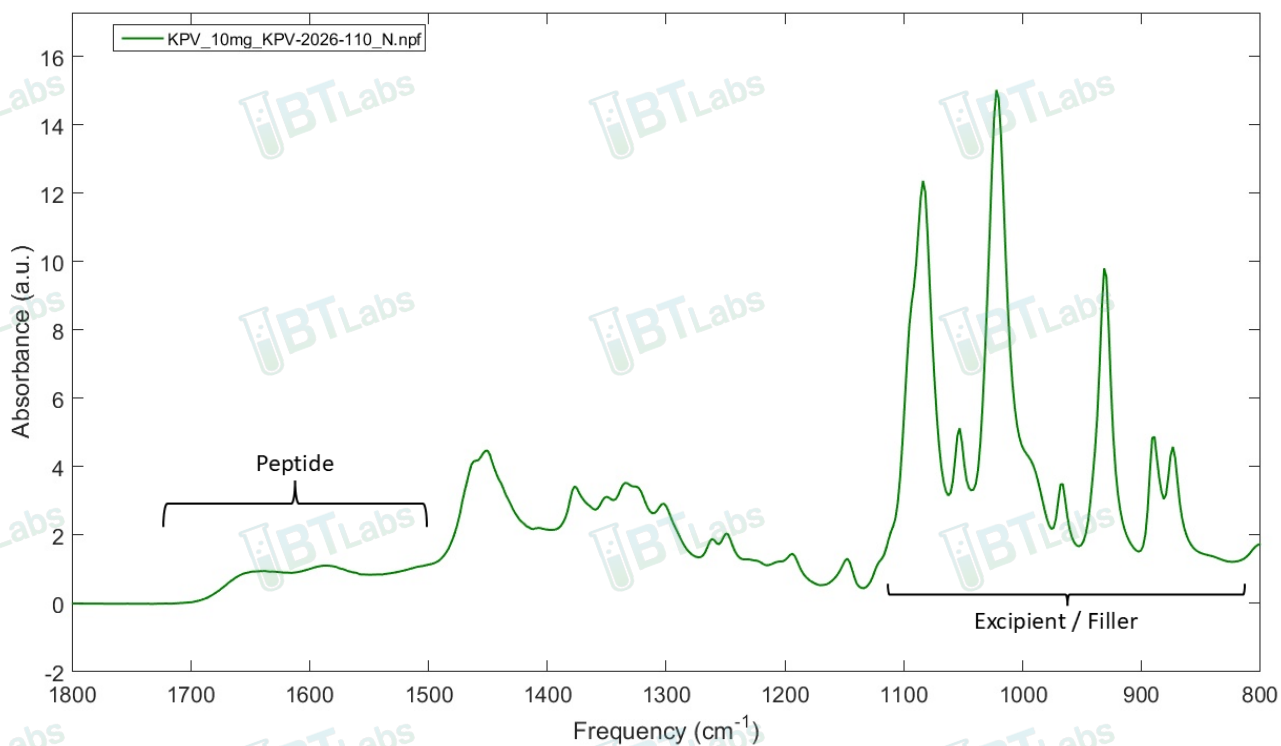
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FTIR ID and Composition Analysis: KPV Lot KPV-2026-110



HPLC Purity and Potency Assay @ 220 nm: KPV Lot KPV-2026-110



KPV Lot KPV-2026-110 @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.774	7182.5

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