Title:

Certificate of Analysis (CoA)

Date: 4/20/2026
Date Tested:
Customer: Apex Lab USA
Testing material:
Lot Number: BWC-KPV1-0234
BT Sample ID: 005000039656134
Labeled Peptide Content/Potency: 10 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, green plastic cap.
Labeled as: KPV
Manufacturer: N/A
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	73.8 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: ≥ 98 %	99.6 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 10 mg	13.1 mg (130.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	13.1 : 60.7 mg (1:4.7)

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

Andrea Castro, AS
Scientist-II
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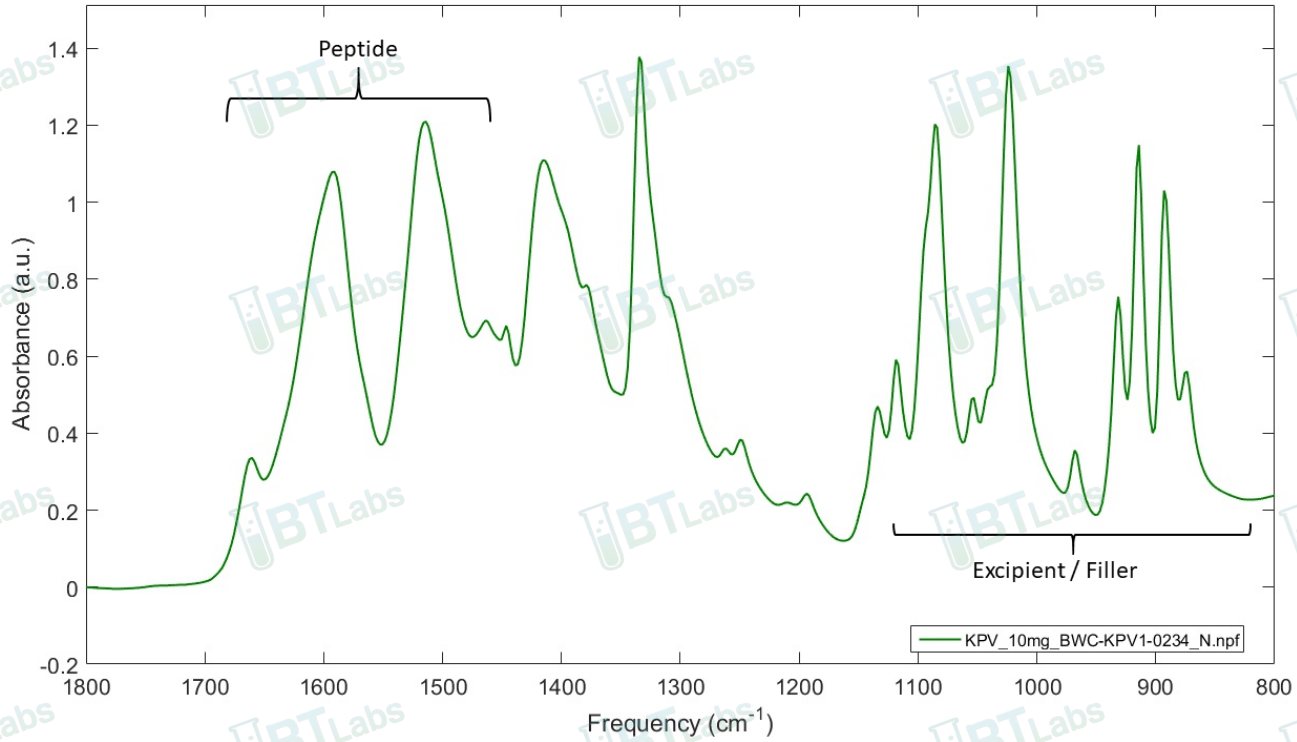
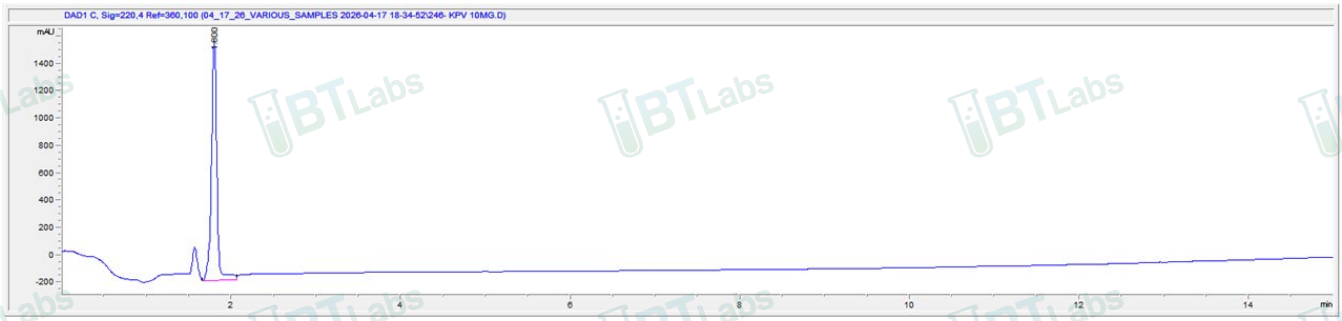
FTIR ID and Composition Analysis: KPV Lot BWC-KPV1-0234



HPLC Purity and Potency Assay @ 220 nm: KPV Lot BWC-KPV1-0234



KPV Lot BWC-KPV1-0234 @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.8	7893

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