



Report #:

IF-824-QSA-TR006-BTL26246-02

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Title:

Certificate of Analysis (CoA)

Date: 4/20/2026**Date Tested:****Customer:**

Apex Lab-BW Compounds

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: $\geq 98\%$	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
BTLabsVerna Zheng, AS
Scientist-II
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407

Phone: (561) 625-0133

E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>

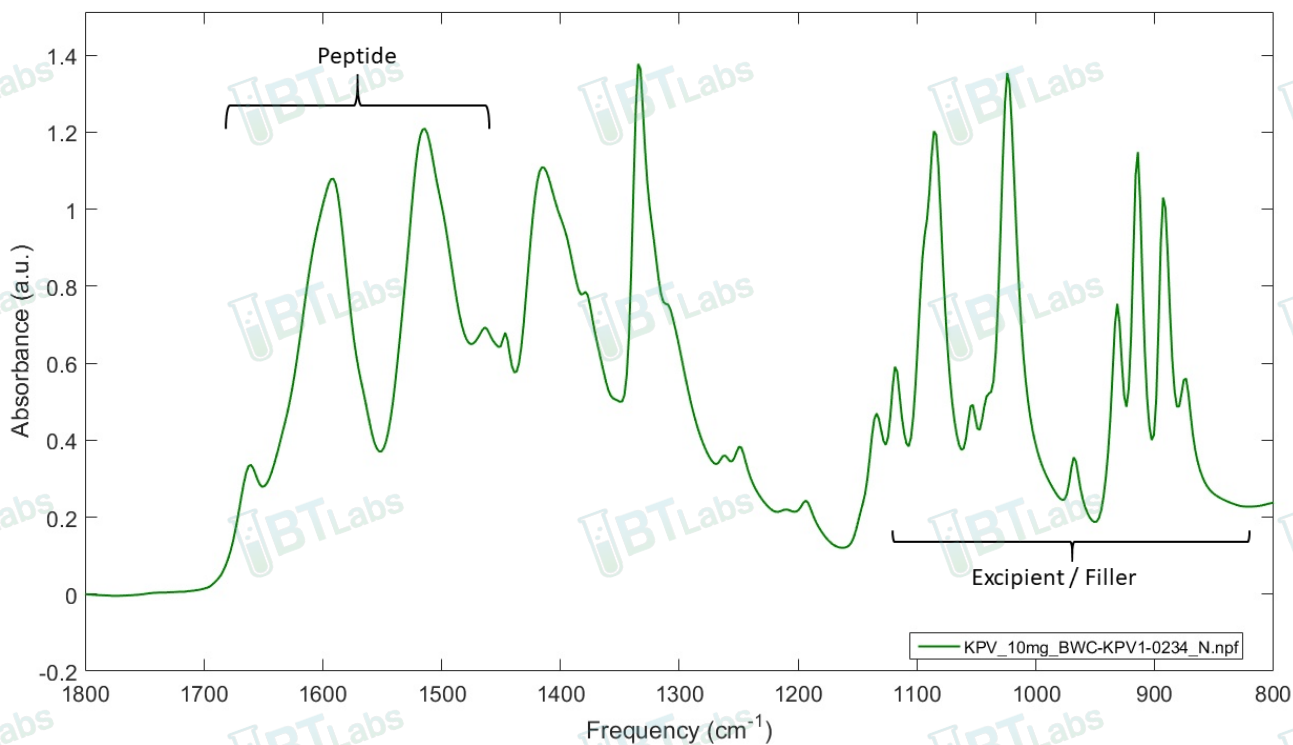
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FTIR ID and Composition Analysis: KPV Lot BWC-KPV1-0234



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