[redacted]

Title:

Certificate of Analysis (CoA)

Date: 9/22/2026
Date Tested: 9/19/2026
Customer: AU[redacted]
Testing material: KPV
Lot Number: TB096
Sample ID: [redacted]
Content/Potency: 20 mg
Storage: R.T.
Visual Description: Small clear vial: white sample, white label, silver crimp, dark blue plastic cap.
Labeled as: KPV
Manufacturer: [redacted]
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	120.4 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 %	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 30 mg	21.5 mg (107.5 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	21.5 : 98.9 mg (1:4.6)

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

Andrea Castro, BS
Scientist-II
BTLabs

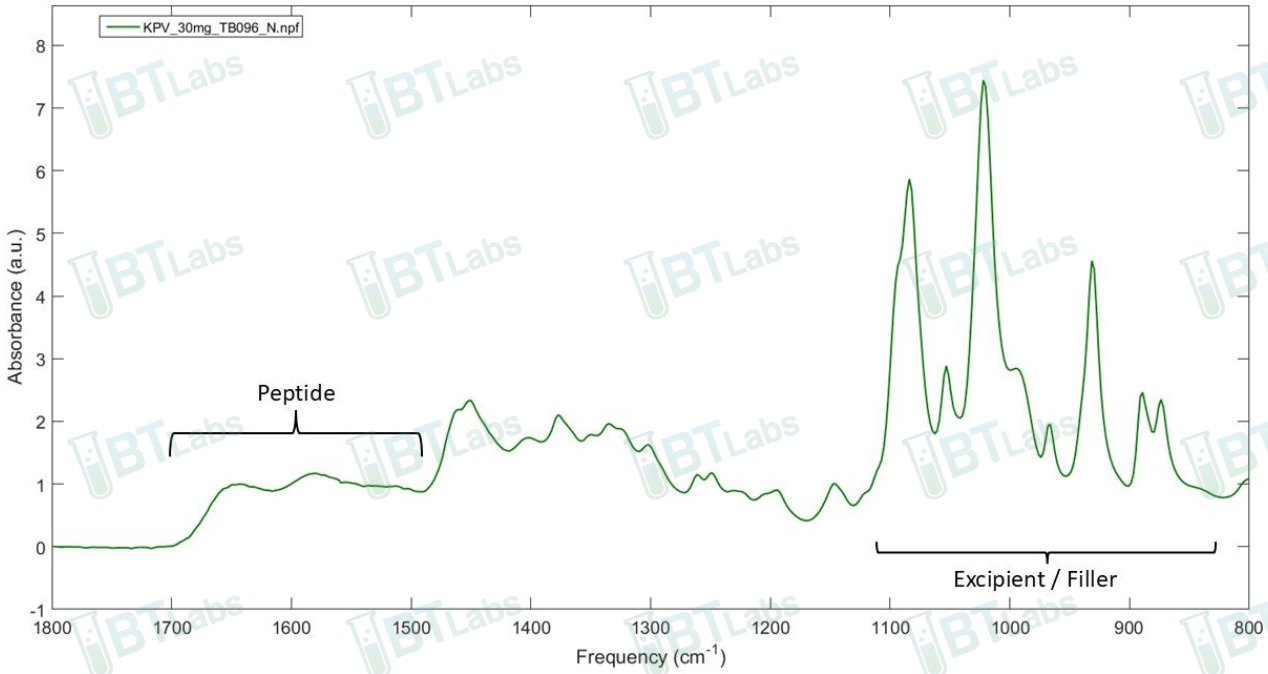
Escarlet Cabrieles, BS
Scientist-II
BTLabs

Title:

Certificate of Analysis (CoA)

[redacted]

FTIR ID and Composition Analysis: KPV Lot TB096



HPLC Purity and Potency Assay @ 220 nm: KPV Lot TB096



KPV Lot TB096 @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.872	5614.8