



Title:

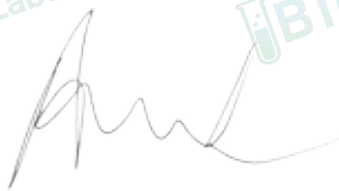
Certificate of Analysis (CoA)

Date: 5/21/2026
Date Tested: 5/20/2026
Customer: The Good Gut Co
Testing material: KPV
Lot Number: unspecified
BT Sample ID: 005000040107884
Labeled Peptide Content/Potency: 0.5 mg
Storage: R.T.
Visual Description: white and green capsule with white sample.
Labeled as: KPV
Manufacturer: The Good Gut Co
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	258.5 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 0.5 mg	0.5 mg (101.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	0.5 : 258 mg (1:510.5)

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



Andrea Castro, AS
Scientist-II
BTLabs



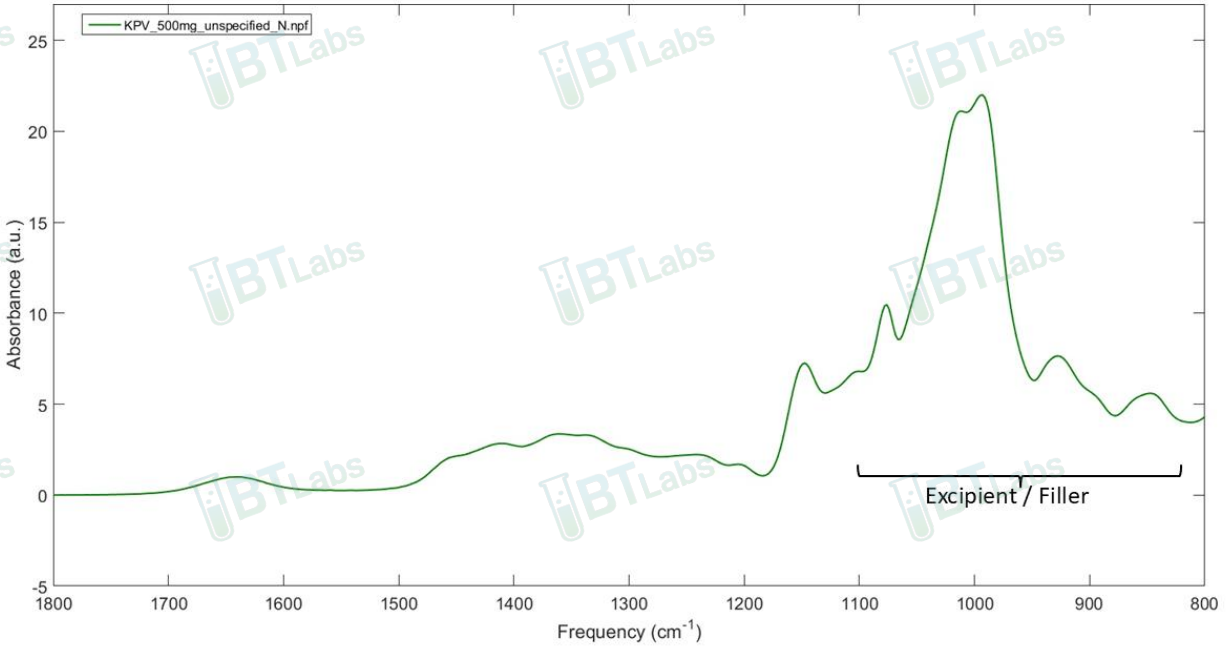
Verna Zheng, AS
Scientist-II
BTLabs



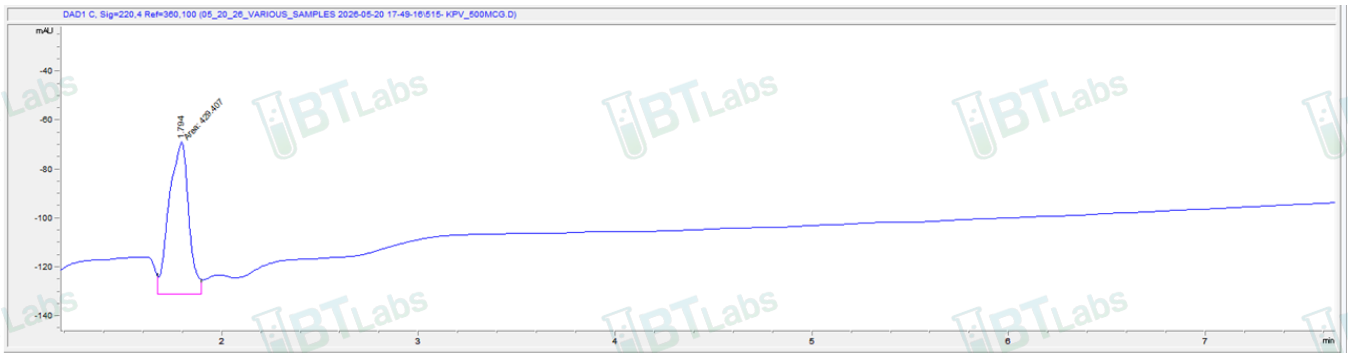
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: KPV Lot unspecified



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



KPV Lot unspecified @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.794	829.4

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