

Title:

Certificate of Analysis (CoA)

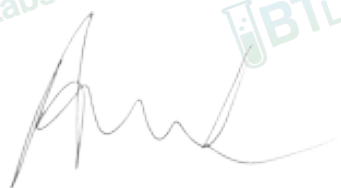


Date: 6/24/2026
Date Tested: 6/18/2026
Customer: Vigorpeps LLC
Testing material: GHK-Cu
Lot Number: GHK50-5-22-26
BT Sample ID: 005000040514021
Labeled Peptide Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, silver holographic label, silver crimp, blue plastic cap.
Labeled as: GHK-Cu
Manufacturer: vigorpeps
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>	purple powder	purple powder
Mass	USP <41>	As recorded	135.1 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 GHK-Cu 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 50 mg	50.8 mg (101.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	50.8 : 84.3 mg (1:1.7)

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



Andrea Castro, AS
Scientist-II
BTLabs

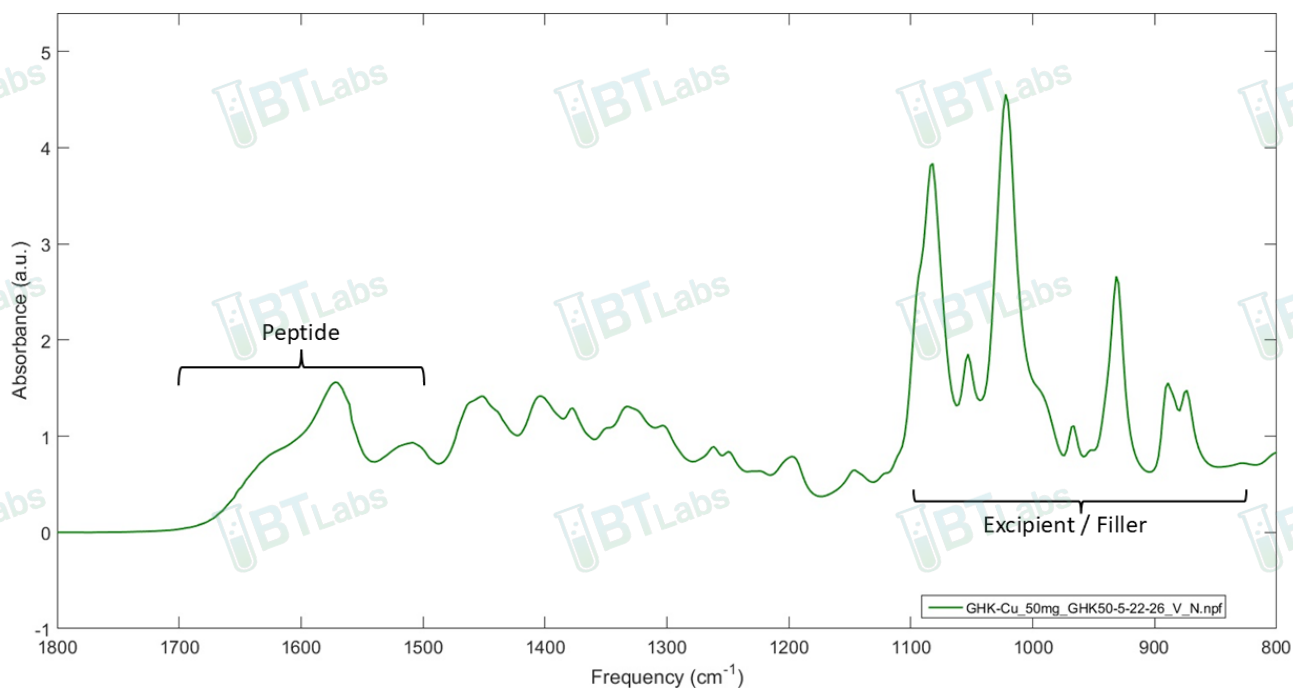


Verna Zheng, AS
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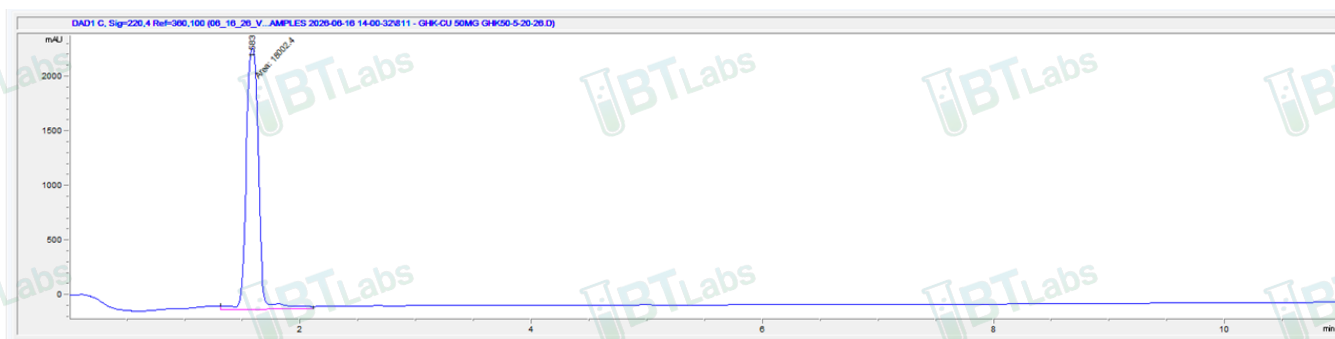
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FTIR ID and Composition Analysis: GHK-Cu Lot GHK50-5-22-26



HPLC Purity and Potency Assay @ 220 nm: GHK-Cu Lot GHK50-5-22-26



GHK-Cu Lot GHK50-5-22-26 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.583	18002.4

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