Title:

Certificate of Analysis (CoA)

Date: 5/25/2026
Date Tested: 5/23/2026
Customer: PepGuys.com
Testing material: GHK-Cu
Lot Number: CU50-178-56015
BT Sample ID: 005000040151987
Labeled Peptide Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, white label, silver crimp, purple plastic cap.
Labeled as: GHK-Cu
Manufacturer: PG
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	89.5 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 GHK-Cu with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: ≥ 98 %	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 50 mg	51.5 mg (103.1 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	51.5 : 38 mg (1:0.7)

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

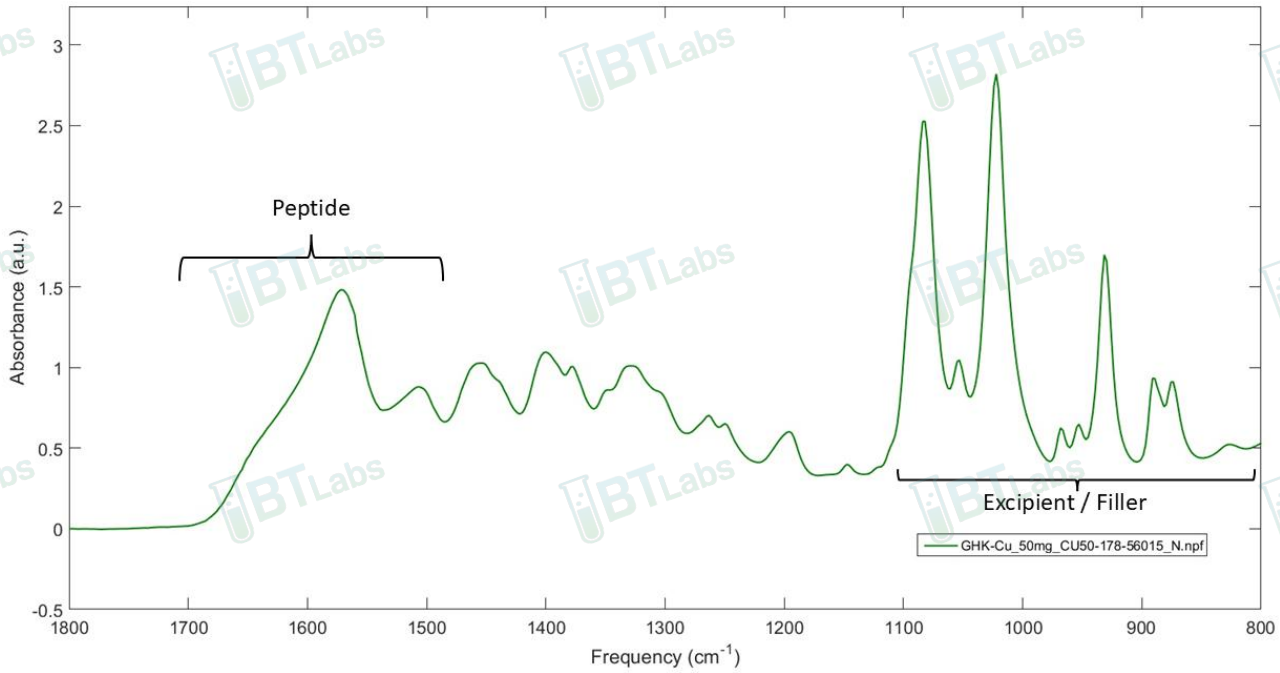
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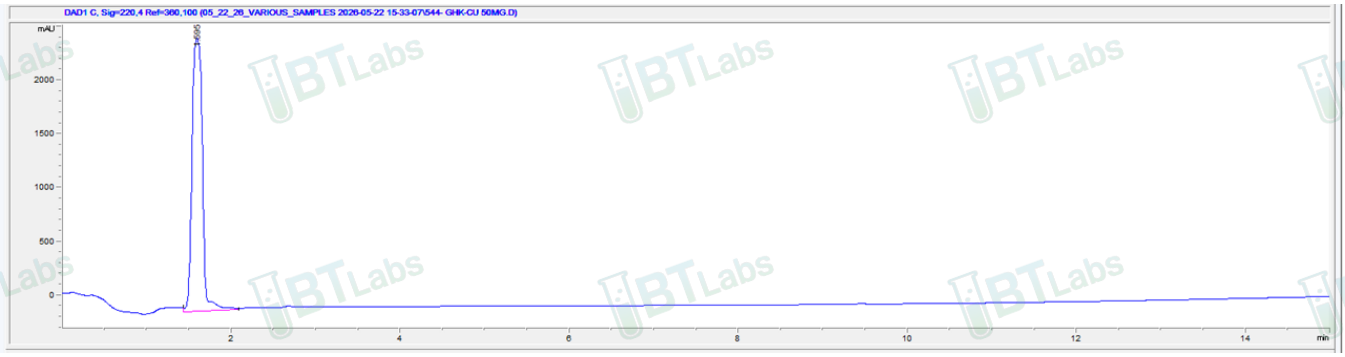
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FTIR ID and Composition Analysis: GHK-Cu Lot CU50-178-56015



HPLC Purity and Potency Assay @ 220 nm: GHK-Cu Lot CU50-178-56015



GHK-Cu Lot CU50-178-56015 @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	1.595	21977

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