



Report #:

IF-824-QSA-TR006-BTL26253-05

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Title:

Certificate of Analysis (CoA)

Date: 4/20/2026
Date Tested: 4/18/2026
Customer: Ascenova Bio
Testing material: GHK-Cu
Lot Number: GHK100-990045
BT Sample ID: 005000039708718
Labeled Peptide
Content/Potency: 100 mg
Storage: R.T.
Visual Description: small clear vial: purple sample, white label, silver crimp, clear plastic cap.
Labeled as: GHK-Cu
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>	purple powder	purple powder
Mass	USP <41>	As recorded	140.8 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 GHK-Cu with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.8 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 100 mg	59.2 mg (59.2 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	59.2 : 81.6 mg (1:1.4)

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

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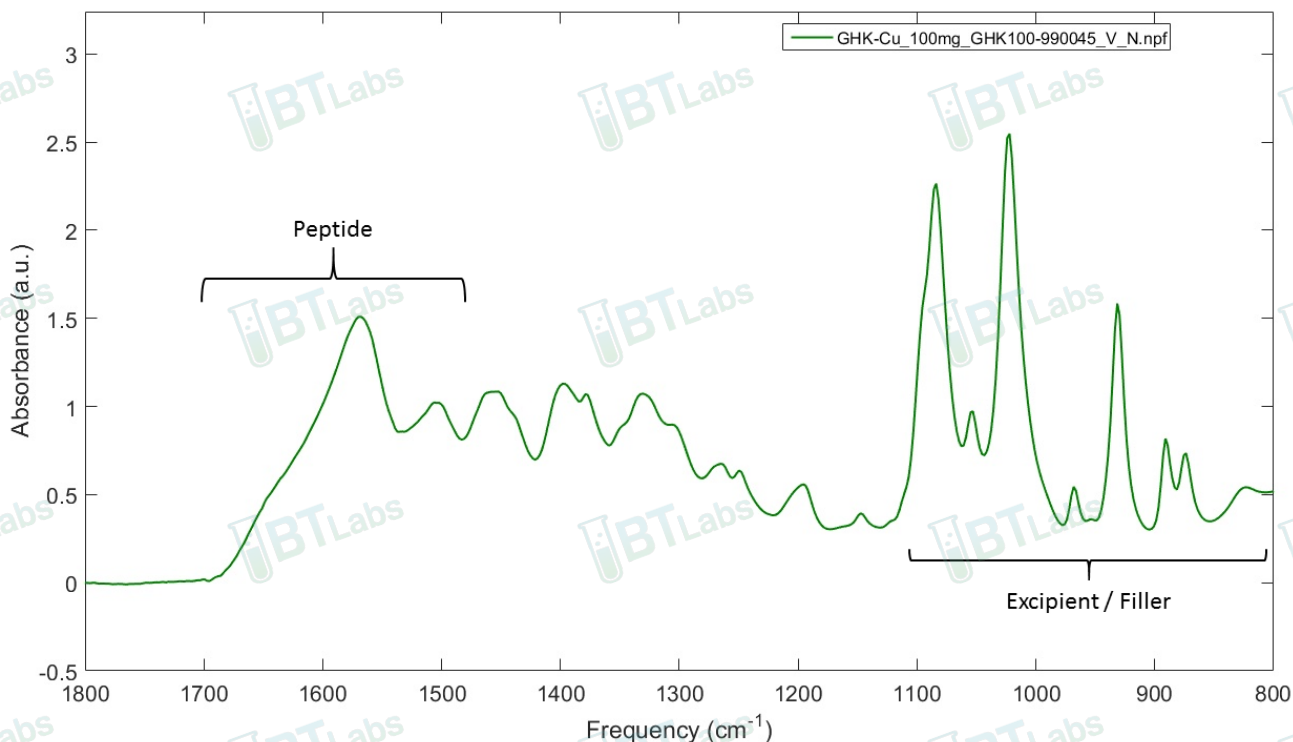
Rev 1.0 January 2025

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FTIR ID and Composition Analysis: GHK-Cu Lot GHK100-990045



HPLC Purity and Potency Assay @ 220 nm: GHK-Cu Lot GHK100-990045



GHK-Cu Lot GHK100-990045 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.593	19288.7
2	1.768	566.1