Title:

# Certificate of Analysis (CoA)




**Date:** 3/6/2026
**Date Tested:** 3/2/2026
**Customer:** Pure Lab Peptides
**Testing material:** GHK-Cu
**Lot Number:** 53981
**BT Sample ID:** 005000039049016
**Labeled Peptide Content/Potency:** 100 mg
**Storage:** R.T.
**Visual Description:** Small Clear vial: purple sample, white label, silver crimp, dark blue 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 | 226.7 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 % | 99.7 % |
| **HPLC Potency Assay** | USP <621> | Specifications: 90 – 110% of 100 mg | 108.3 mg (108.3 %) |
| **Peptide-to-Excipients Ratio** | USP <1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients) | 108.3 : 118.4 mg (1:1.1) |

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

Andrea Castro, AS
Scientist-I
BTLabs

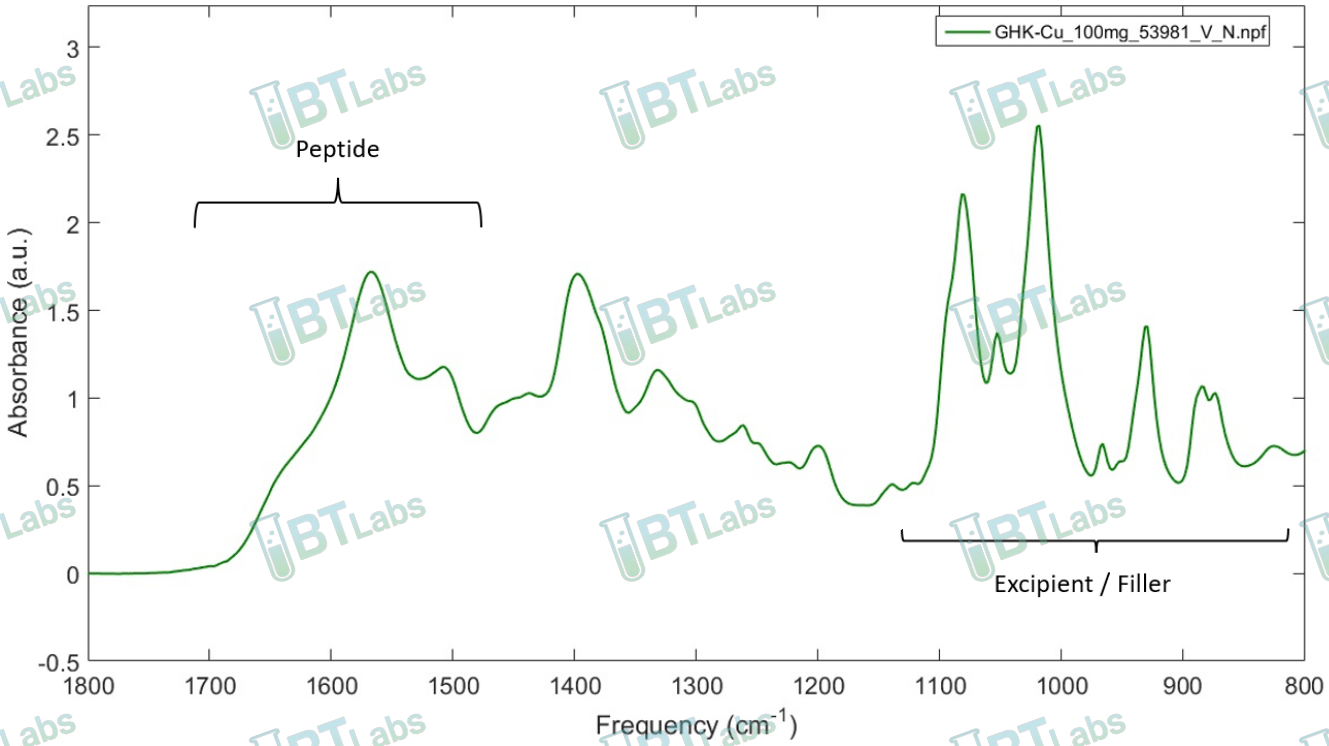
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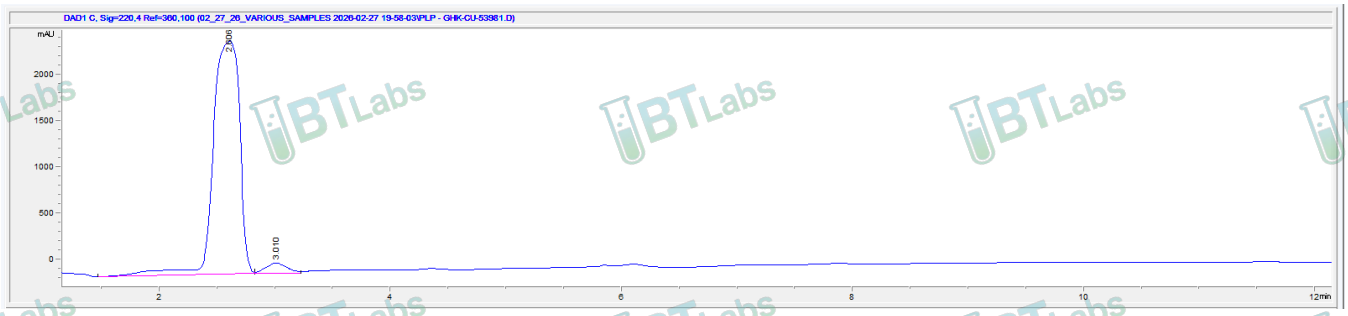
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## FTIR ID and Composition Analysis: GHK-Cu Lot 53981




## HPLC Purity and Potency Assay @ 220 nm: GHK-Cu Lot 53981




| GHK-Cu Lot 53981 @ 220 nm | | |
|---|---|---|
| Peak #: | Retention Time (min) | Area (mAU*s) |
| 1 | 2.606 | 40339.8 |
| 2 | 3.01 | 1546.5 |

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