



Title:

Certificate of Analysis (CoA)

Date: 3/9/2026
Date Tested: 3/7/2026
Customer: Genesis Bio
Testing material: GHK-Cu
Lot Number: unspecified
BT Sample ID: 005000039180902
Labeled Peptide Content/Potency: 50 mg
Storage: R.T.
Visual Description: small clear vial: purple sample, silver label, silver crimp, white 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 | 90.7 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: $\geq 98\%$ | 99.6 % |
| HPLC Potency Assay | USP <621> | Specifications: 90 – 110% of 50 mg | 52.6 mg (105.2 %) |
| Peptide-to-Excipients Ratio | USP <1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients) | 52.6 : 38.1 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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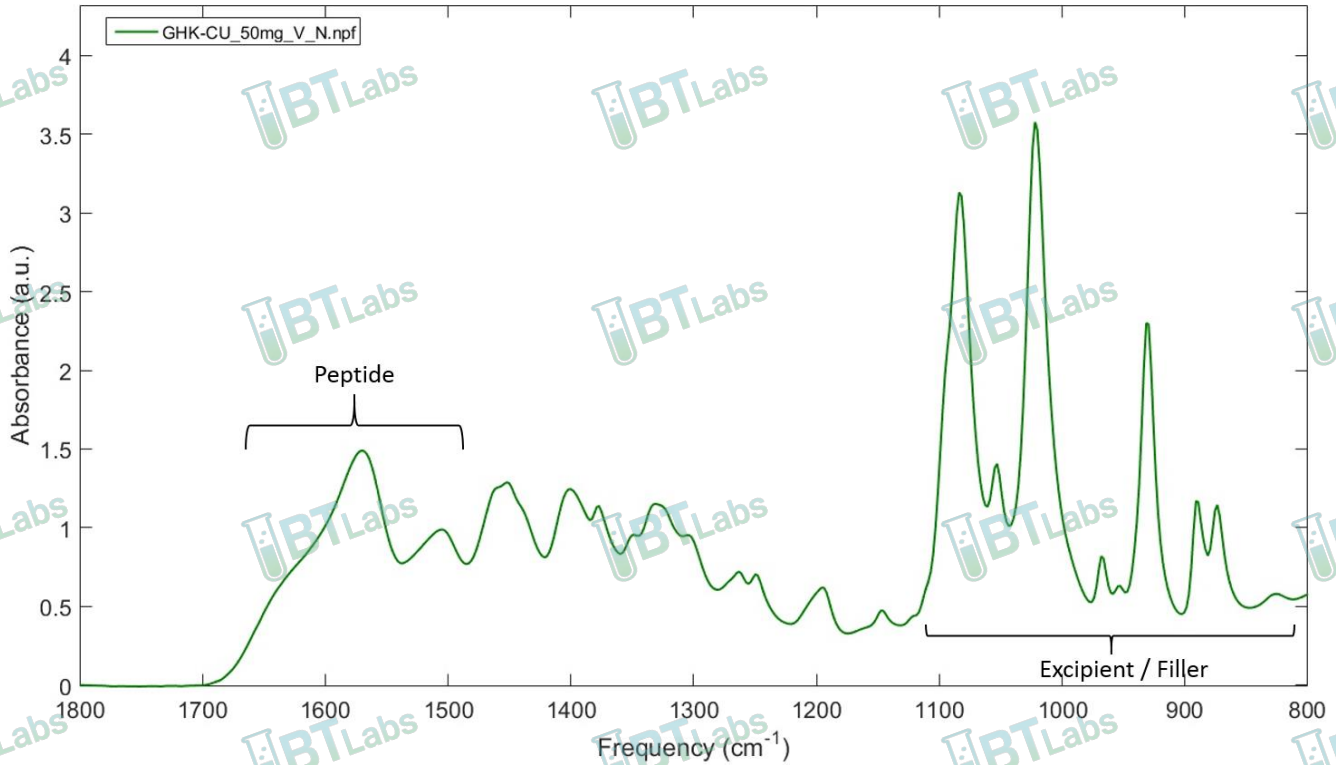
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>



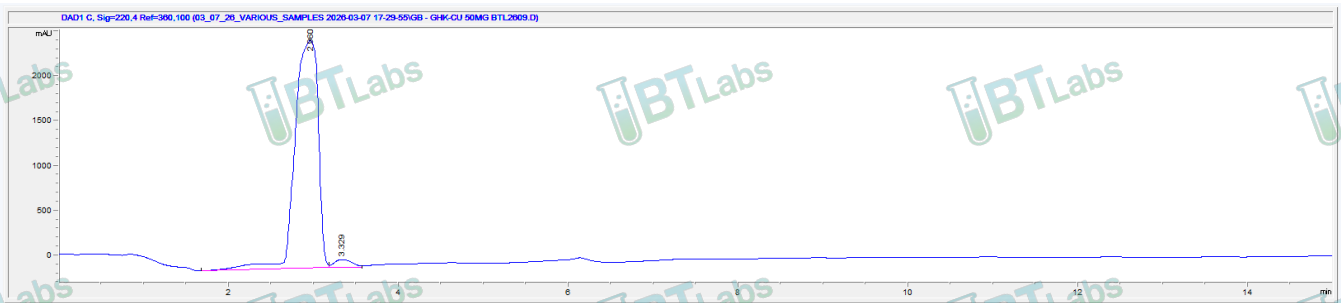
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FTIR ID and Composition Analysis: GHK-Cu Lot unspecified



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



| GHK-Cu Lot unspecified @ 220 nm | | |
|---------------------------------|----------------------|--------------|
| Peak #: | Retention Time (min) | Area (mAU*s) |
| 1 | 2.96 | 48453.3 |
| 2 | 3.329 | 1352.7 |

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