



Report #:

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Title:

## Certificate of Analysis (CoA)

**Date:** 5/20/2026**Date Tested:** 5/18/2026**Customer:** Double Helix Labs**Testing material:** GHK-Cu**Lot Number:** GH005**BT Sample ID:** 005000040077232**Labeled Peptide****Content/Potency:** 50 mg**Storage:** R.T.**Visual Description:** Small clear vial: purple sample, silver holographic label, silver crimp, dark blue plastic cap.**Labeled as:** GHK-Cu**Manufacturer:** HK**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<br><630>  | purple powder                                                                  | purple powder                                                                               |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 162.9 mg                                                                                    |
| FTIR Identification and Composition Analysis | USP<br><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<br><621>  | Specifications: $\geq 98\%$                                                    | 99.8 %                                                                                      |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 50 mg                                             | 56.1 mg (112.3 %)                                                                           |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 56.1 : 106.8 mg (1:1.9)                                                                     |

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

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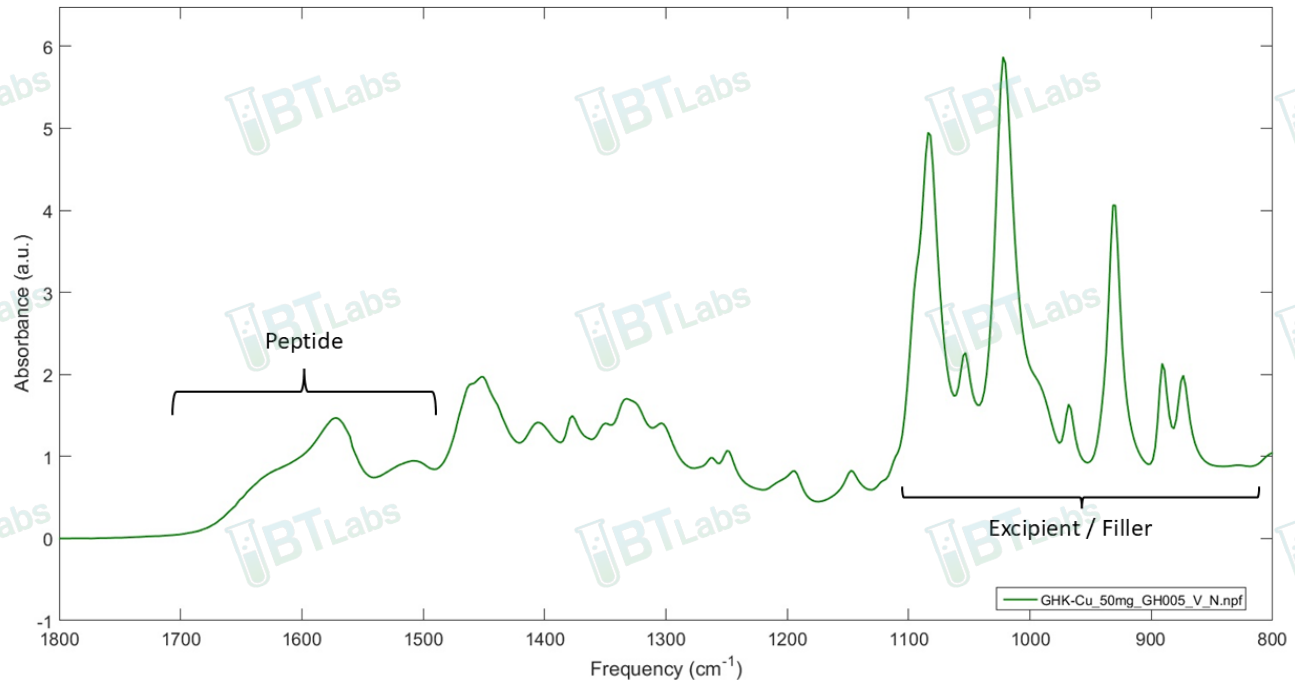
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## FTIR ID and Composition Analysis: GHK-Cu Lot GH005



## HPLC Purity and Potency Assay @ 220 nm: GHK-Cu Lot GH005



### GHK-Cu Lot GH005 @ 220 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 1.589                | 17024.6      |