



Report #:

IF-824-QSA-TR006-BTL260714-17-06

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Title:

## Certificate of Analysis (CoA)



**Date:** 8/5/2026  
**Date Tested:** 7/31/2026  
**Customer:** Repair Aminos  
**Testing material:** AHK-Cu  
**Lot Number:** lecu07-26-01  
**Content/Potency:** 50 mg  
**Storage:** R.T.  
**Visual Description:** Small clear vial: purple sample, white label, silver crimp, clear pink plastic cap.  
**Labeled as:** AHK-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<br><630>  | purple powder                                                                  | purple powder                                                                               |
| Mass                                         | USP<br><41>   | As recorded                                                                    | 112.1 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 AHK-Cu with addition of excipient(s)/fillers. |
| HPLC Purity of Peptide Assay                 | USP<br><621>  | Specifications: $\geq 98\%$                                                    | 99.7 %                                                                                      |
| HPLC Potency Assay                           | USP<br><621>  | Specifications: 90 – 110% of 50 mg                                             | 48.2 mg (96.4 %)                                                                            |
| Peptide-to-Excipients Ratio                  | USP<br><1151> | Recommended ratios of (1:2) to (1:10) for (peptide: excipients)                | 48.2 : 63.9 mg (1:1.3)                                                                      |

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

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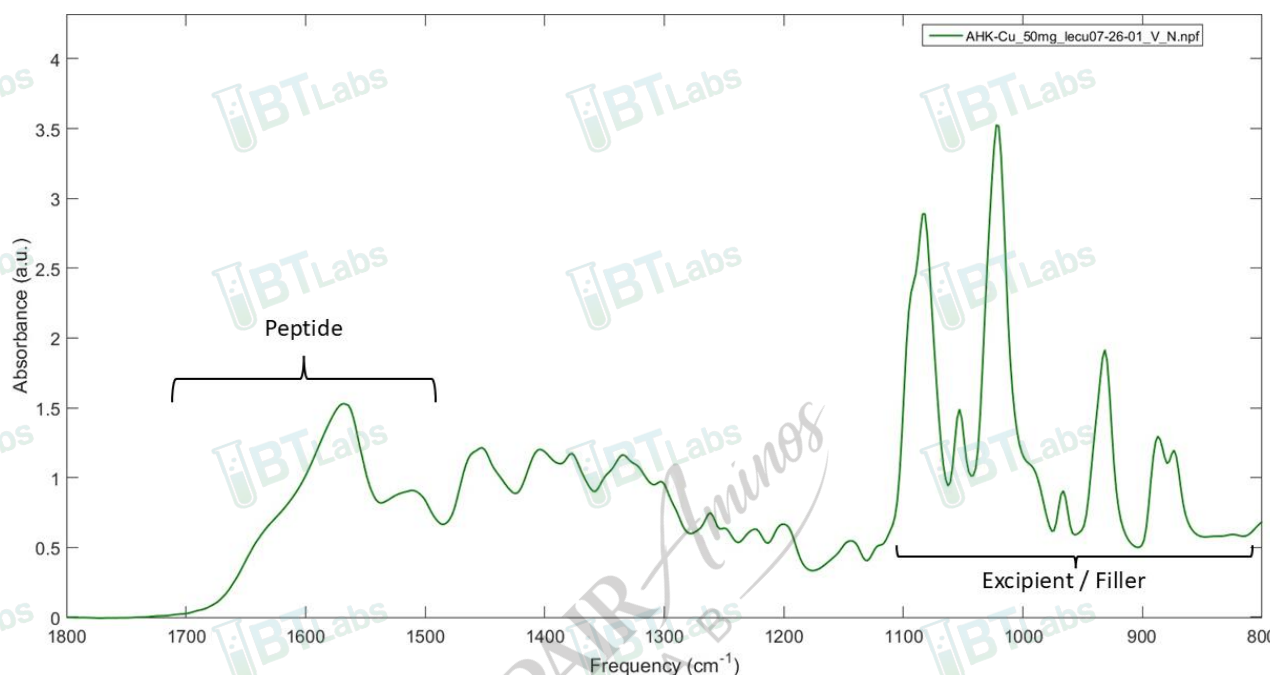
E-mail: [info@btlabtesting.com](mailto:info@btlabtesting.com) | Website: <https://btlabtesting.com>

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# Certificate of Analysis (CoA)



## FTIR ID and Composition Analysis: AHK-Cu Lot lecu07-26-01



## HPLC Purity and Potency Assay @ 220 nm: AHK-Cu Lot lecu07-26-01



### AHK-Cu Lot lecu07-26-01 @ 220 nm

| Peak #: | Retention Time (min) | Area (mAU*s) |
|---------|----------------------|--------------|
| 1       | 1.584                | 17591        |