Title:

Certificate of Analysis (CoA)

Date: 9/28/2026
Date Tested: 9/26/2026
Customer: Redline Biolabs
Testing material: GHK-Cu
Lot Number: unspecified
Sample ID: BTL260916-015-004
Content/Potency: 50 mg
Storage: R.T.
Visual Description: Small clear vial: purple sample, holographic 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	111.3 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 50 mg	54.8 mg (109.6 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:0) to (1:10) for (peptide: excipients)	54.8 : 56.5 mg (1:1)

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

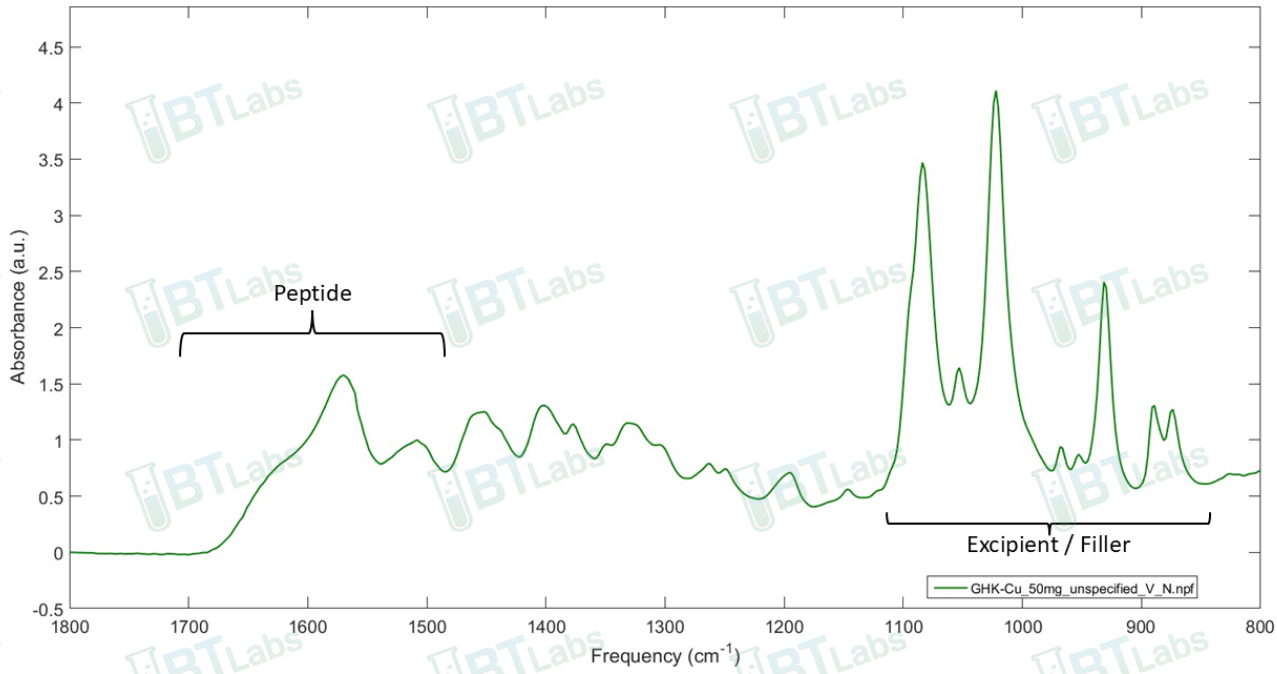
Andrea Castro, BS
Scientist-II
BTLabs

Escarlet Cabrieles, BS
Scientist-II
BTLabs

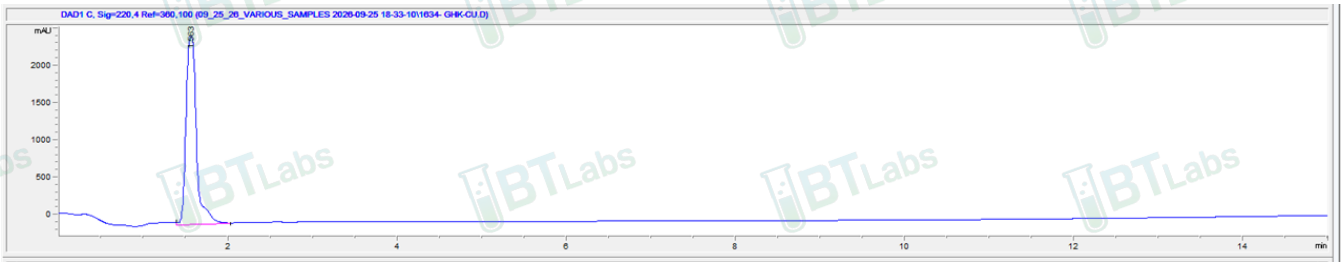
Title:

Certificate of Analysis (CoA)

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	1.563	21952.1

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