



Title:

Certificate of Analysis (CoA)

Date: 2/7/2026
Date Tested: 2/6/2026
Customer: Forge Amino
Testing material: GHK-Cu
Lot Number: FA-GHK012601
BT Sample ID: 005000038768415
Labeled Peptide Content/Potency: 50 mg
Storage: R.T.
Visual Description: small clear vial: purple sample, white label, silver crimp, clear blue plastic cap.
Labeled as: GHK-Cu
Manufacturer: Forge Amino
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>	White powder	White powder
Mass	USP <41>	As recorded	162.7 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 such as mannitol.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 95 – 105% of 50 mg	53.7 mg (107.5 %)

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



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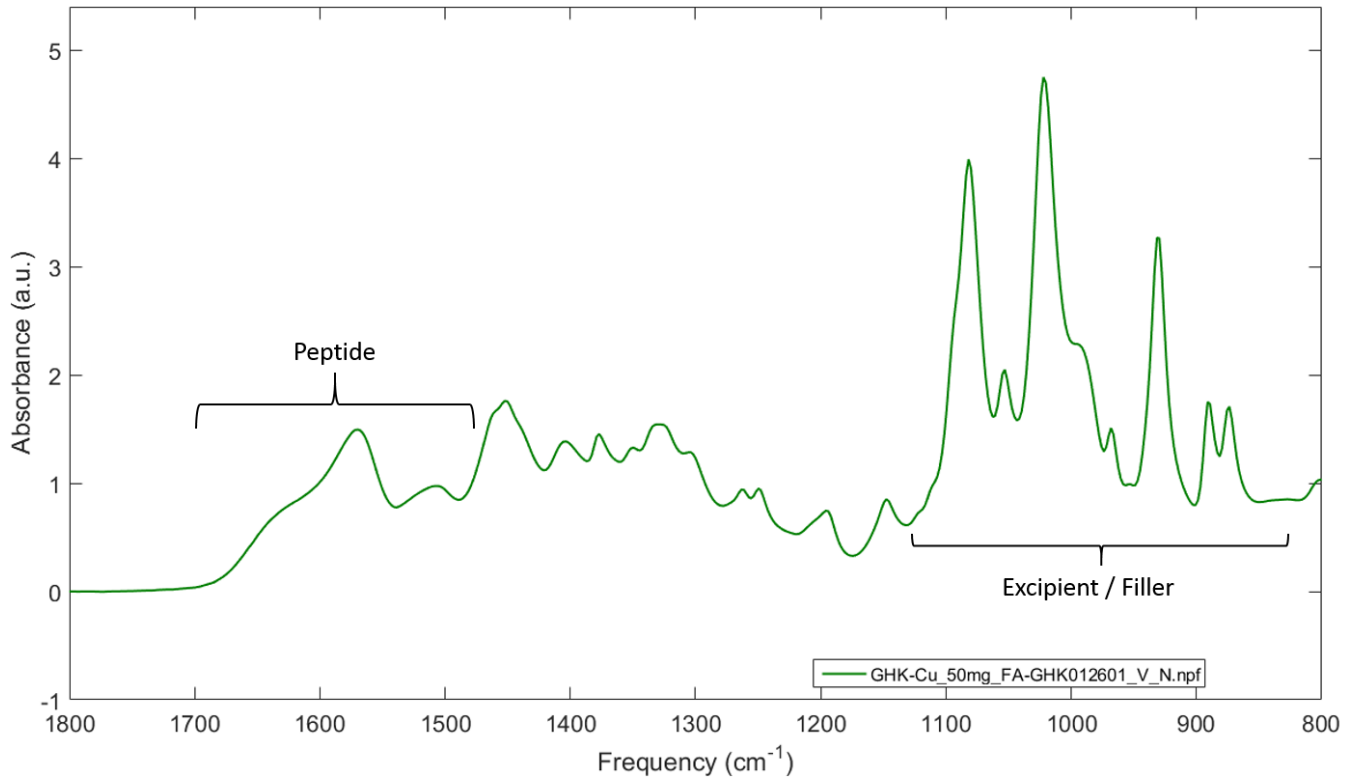
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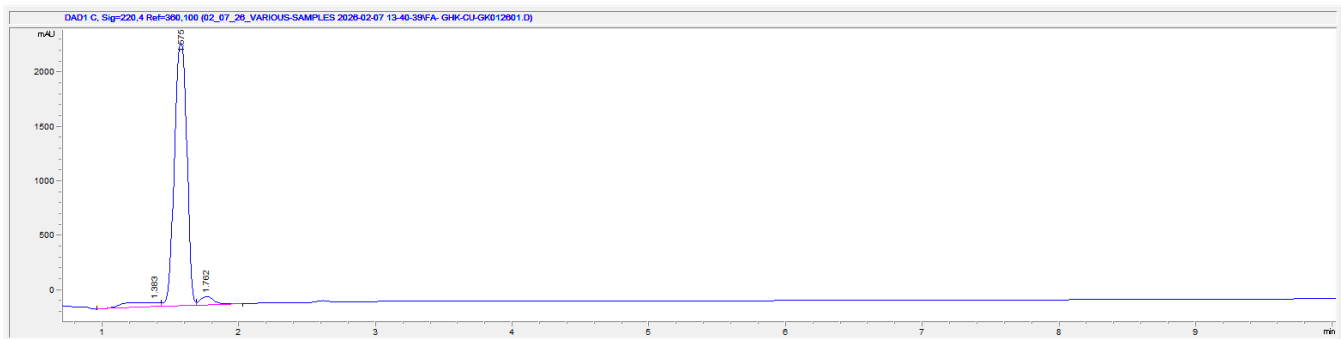
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FTIR ID and Composition Analysis: GHK-Cu Lot FA-GHK012601



HPLC Purity and Potency Assay @ 220 nm: GHK-Cu Lot FA-GHK012601



GHK-Cu Lot FA-GHK012601 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.383	894.2
2	1.575	16832.2
3	1.762	602.1

Title:

Certificate of Analysis (CoA)**Bacterial Endotoxins Test (ABI- TEST 0012)**

Date: 2/8/2026
Date Tested: 2/6/2026
Customer: Forge Amino
Testing material: GHK-Cu
Lot Number: FA-GHK012601
BT Sample ID: 005000038768415
Labeled Peptide
Content/Potency: 162.7 mg
Storage: R.T.
Packing material: small clear vial: white sample, white label, silver crimp, clear blue plastic cap.
Labeled as: GHK-Cu
Manufacturer: Forge Amino
Testing Purpose: (ABI-TEST 0012) test quantifies bacterial endotoxin levels to confirm that the product does not elicit pyrogenic reactions, maintaining patient safety and product integrity.

Test	Method	Specification	Result
Bacterial Endotoxins Test	USP <85>	40 EU/vial reconstituted	PASS

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

Bacterial Endotoxins Test GHK-Cu Lot FA-GHK012601

Sample ID	Description	Volume (mL)	Endotoxin Limit (EU/vial)	Lysate Sensitivity (λ , EU/mL)	Result
005000038768415	GHK-Cu	3	40 EU/vial	0.25	18.5 EU/vial

The sample passed a valid gel clot endotoxin test based on the type, mode of administration and dosage.

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