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DIAGNOSTICS

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Certificate of Analysis

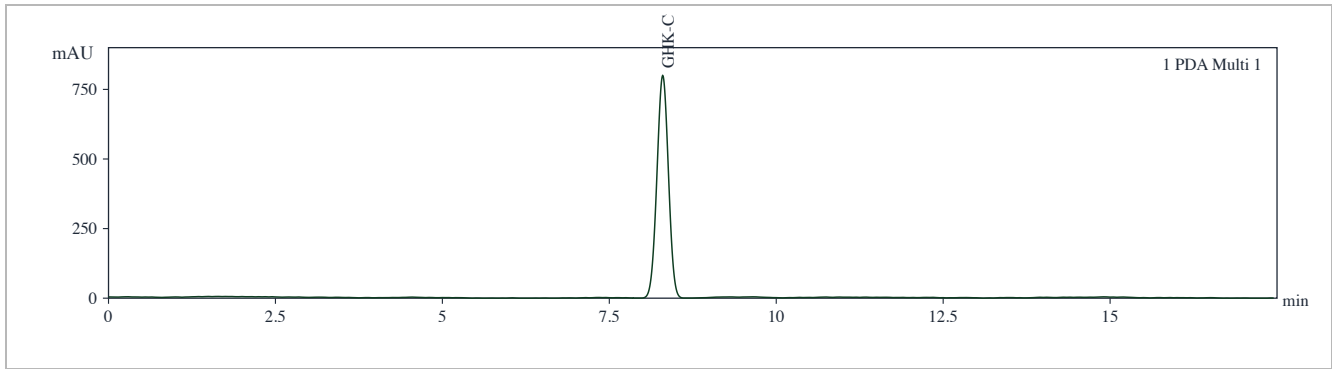
Accession Number	2603092635
Client	CoreChems
Search Code	CORE2603092635
Received Date:	03/14/2026
Reported Date:	03/17/2026

Product	GHK-CU 50mg
Net Peptide Content	51.18 mg
Identity	GHK-Cu

Lot	CORE-GHKCU-102
Purity	99.733%
Appearance	Blue Lyophilized Powder

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Result
GHK-Cu	99.733%

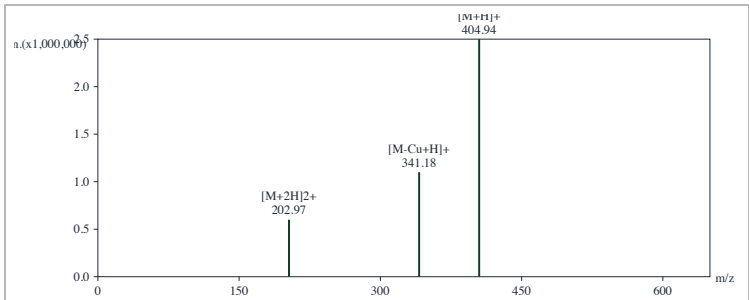


HPLC Method Conditions

Column	Waters XBridge BEH C18 · 4.6 × 150 mm · 3.5 μm
Mobile Phase A	0.1% TFA in H ₂ O (v/v)
Mobile Phase B	0.1% TFA in CH ₃ CN (v/v)
Gradient	5 → 55% B linear over 17.0 min
Flow Rate	1.0 mL/min
Column Temp.	40 °C
Detection	UV 214 nm + LC-MS/MS (ESI+)
Injection Vol.	10 μL · 0.5 mg/mL in H ₂ O
Retention Time	8.30 min
Observed MW	403.93 g/mol

System Suitability

Theoretical Plates (N)	27,649
Tailing Factor (T)	1.13
Replicate RSD (n=5)	0.15%
Standard Recovery	99.8%
Acceptance Criterion	≥ 95.0% purity



COA: 2603092635

Jonathan Garcia
Principal Chemist

The peptide purity analysis reported here was conducted using LC-MS/MS under standard laboratory conditions at Liberty Lab Diagnostics. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

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