

Lot Number: PP-1988975-E  
Client Name: Purple peptides  
Identity: <https://www.purplepeptides.net>

Received Date: 03/10/2026  
Analysis Conducted: 03/14/2026  
Searchable via: [horizonanalytical.com](https://horizonanalytical.com)

Compound:	GHK-Cu	CAS:	89030-95-5
Lot:	PP-1988975-E	Formula:	C <sub>24</sub> H <sub>23</sub> CuN <sub>6</sub> O <sub>4</sub>
Appearance:	Blue Lyophilized Powder	Mol Weight:	~402.92 g/mol

Pubchem CID: 71587328

## Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	GHK-Cu	-	
Endotoxin:	-	< 0.05 EU/mL	

Aleksey Yevtodiyyenko PhD  
Research and Formulation Chemist



This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: [contact@horizonanalytical.com](mailto:contact@horizonanalytical.com)Proudly Owned and Operated in the USA 

**Client: Purple Peptides**  
beau.p@purplepeptides.net  
4084213038

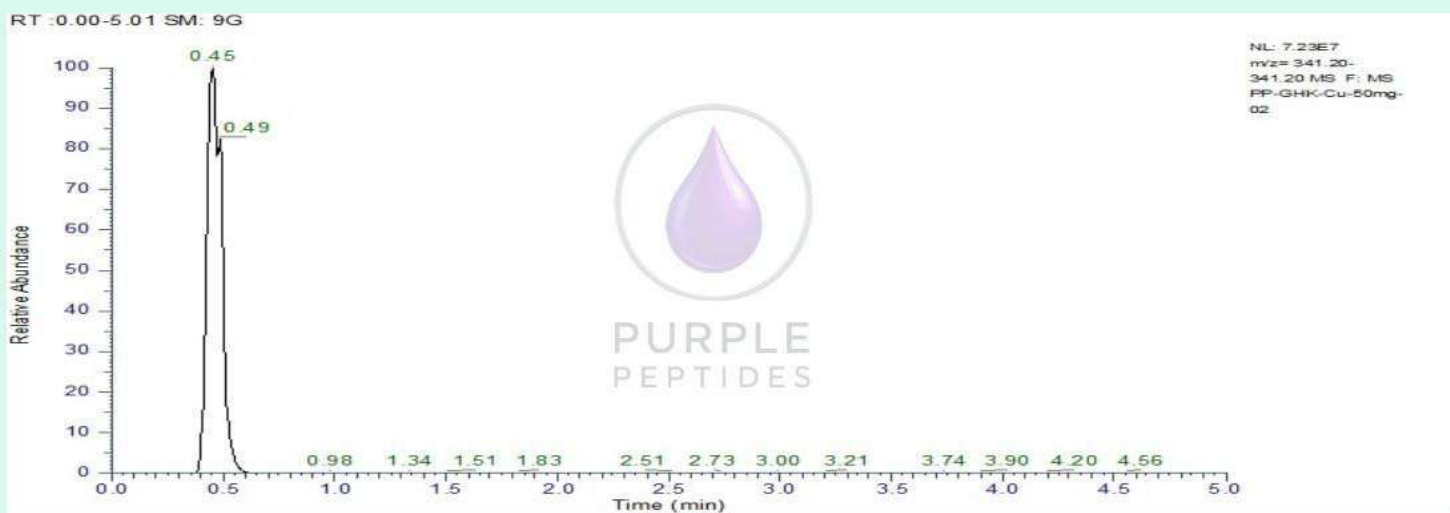
Sample received: **01/23/26**  
Analysis conducted: **02/04/26**

<b>Compound:</b>	GHK-Cu	<b>CAS:</b>	89030-95-5
<b>Batch/Lot #:</b>	N/A	<b>Formula:</b>	C14H23CuN6O4
<b>Appearance:</b>	Blue lyophilized powder	<b>Mol Wt:</b>	340.384 g/mol

**Method:** Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry  
**Pubchem CID:** 378611  
GHK-Cu |C14H23CuN6O4 |378611

	Specification	Result	
<b>Identity Test:</b>	GHK-Cu	<b>GHK-Cu</b>	<b>Conforms</b>
<b>Purity:</b>	>99%	<b>99.72%</b>	<b>Conforms</b>

**LC-MS Chromatogram: Retention Time and Peak Analysis**



Lot Number: **PP-1988975-P**  
 Client Name: **Purple peptides**  
 Identity: <https://www.purplepeptides.net>

Received Date: **03/10/2026**  
 Analysis Conducted: **03/14/2026**  
 Searchable via: [horizonanalytical.com](https://horizonanalytical.com)

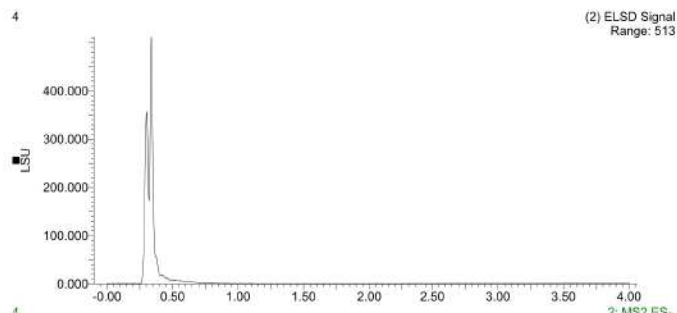
<b>Compound:</b>	GHK-Cu
<b>Lot:</b>	PP-1988975-P
<b>Appearance:</b>	Blue Lyophilized Powder

<b>CAS:</b>	89030-95-5
<b>Formula:</b>	C <sub>14</sub> H <sub>23</sub> CuN <sub>6</sub> O <sub>4</sub>
<b>Mol Weight:</b>	~402.92 g/mol

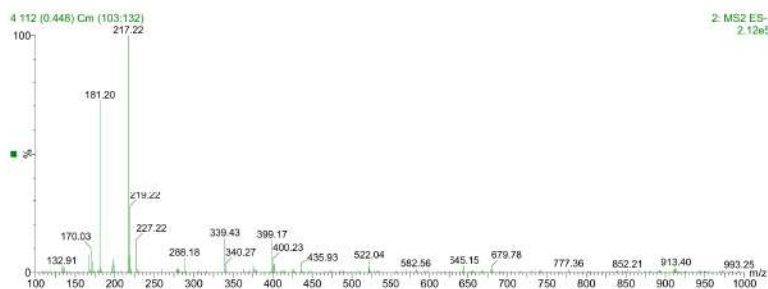
Pubchem CID: 71587328

Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	GHK-Cu	GHK-Cu	
Quantity:	50mg	48.5mg	
Purity:	>98%	99.48%	



UPLC



MS

**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

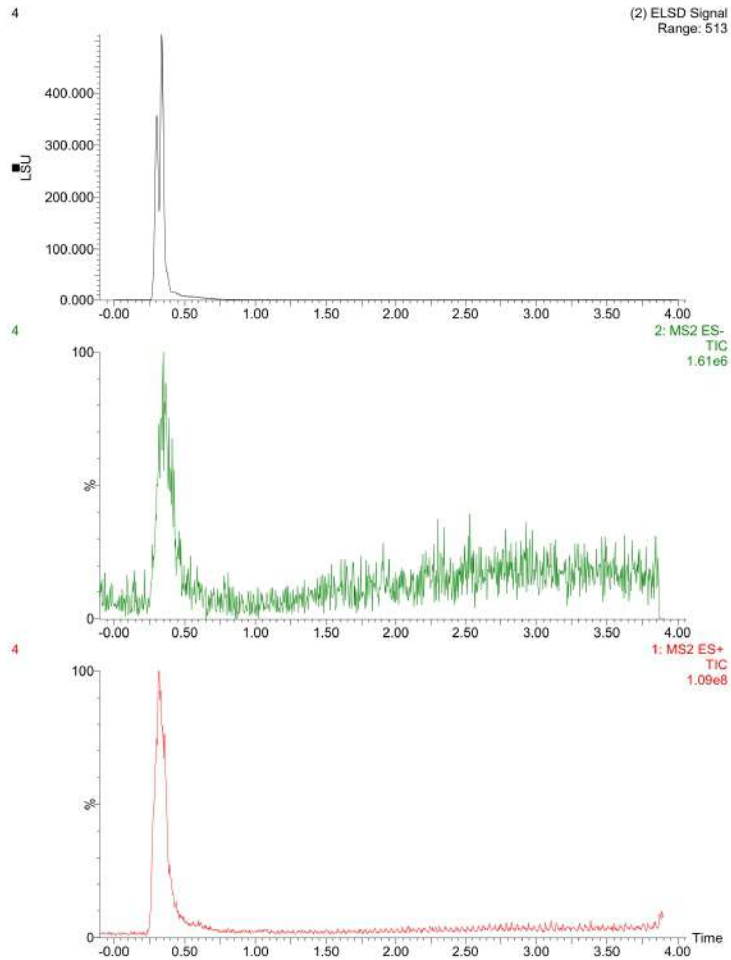


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

Lot Number: PP-1988975-P  
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Received Date: 03/10/2026  
Analysis Conducted: 03/14/2026  
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GHK-Cu (50mg) • Pubchem CID: 71587328  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

