Peptide Test Canada
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Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY

PTC-BQE4W7KE

Lab ID: **GHK-139**

REPORTED September 30, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-545615

END CUSTOMER

NAME Sentient Biogenix

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**GHK-139**	Received:	**09/22/2026**
Compound:	**GHK-Cu**	Analyzed:	**09/30/2026**
Report No.:	**COA-2026-SC-03169**	CAS:	**49557-75-7**
Lot Number:	**SB-GHK-260901**	Formula:	**$C_{14}H_{22}CuN_6O_4$**
Total Mass:	**122.1 mg**	Mol Weight:	**340.4 g/mol**
Appearance:	**Lyophilized powder**		

SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	GHK-Cu	**GHK-Cu**	**PASS**
Net Peptide Content:	50.00 mg	**54.67 mg**	
Peptide Fill Accuracy:	≥ 90 %	**109.3 %**	
Chromatographic Purity:	≥ 98 %	**99.6 %**	

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). **—** means not determined.

§ 03 HPLC-MS/MS Detail

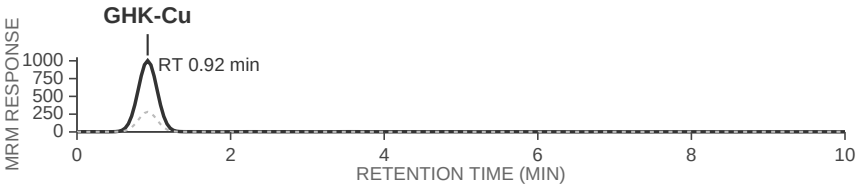
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+H]+

341.20 Da

Quantifier transition ● MRM

341.20 › 110.40 CE 15 V



ROLE	TRANSITION	CE
● Quantifier	341.2 › 110.4	15 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

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DISCLAIMER · RESEARCH USE ONLY

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