TEST REPORT

Searchable via: https://brown-biology.com/

BROWN
INSTITUTE OF BIOMOLECUIAR RESEARCH

Contact at: Admin@brown-biology.com

Task Number >	#2602928	Received Date >	03/19/2026
COA Key >	2602928	Reported Date >	04/10/2026

Authentic Results
esults shall be open and transparent.

Accurate Reports
Accurate data.verified multiple times

Quality You Can Trust
Rigorous testing. Reliable results.

Sample	GHK-CU 50 mg	Batch	26029

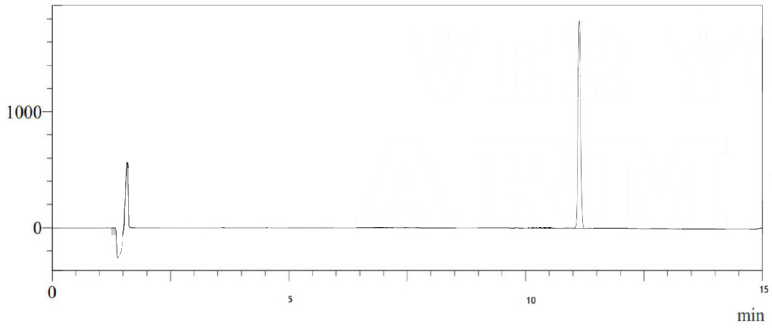
Sample description >

See picture or pictures attached.

Tests requested >

Assessment of a peptide vial or vials.

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	11.112	99.857

TEST RESULTS

	Specifications	Results
Strength	50.00 mg	50.40 mg
Appearance	Royal blue lyophilized powder	Conforms
Purity	≥98.0%	99.9%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.1%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	30uL

CONCLUSION

One 3ml contained a royal blue lyophilized powder and has a dark blue cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.9% GHK-CU (50.40 mg), and the rest are impurities of minor significance.

Research and Formulation Chemist

Bisbang

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