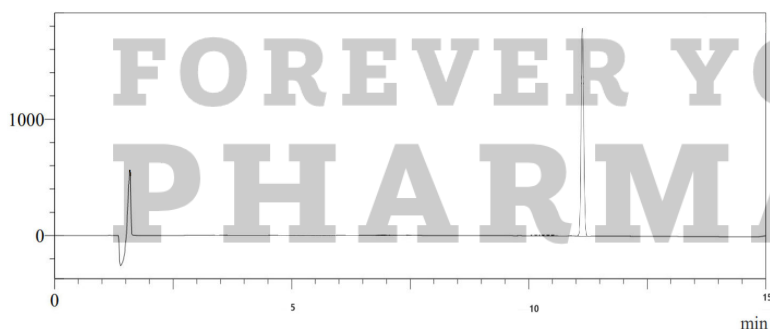


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

Product Name	GHK-CU 50 mg
Client Name/Lot No.	Advanced Research LLC
Sequence	Glycyl-L-Histidyl-L-Lysine-Copper
Dissolution condition	100% H2O
Length	3AA
Molecular Weight	402.92 g/mol

CHROMATOGRAM

Peak #	Ret. Time	Area %
1	11.112	99.859

TEST RESULTS

	Specifications	Results
Strength	50.00 mg	49.62 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 red 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 (49.62 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
08/23/2025



****Verify the validity of test results by contacting support@foreveryoungpharmacy.com****