Email:hello@trulabpeptides.com

UHPLC CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

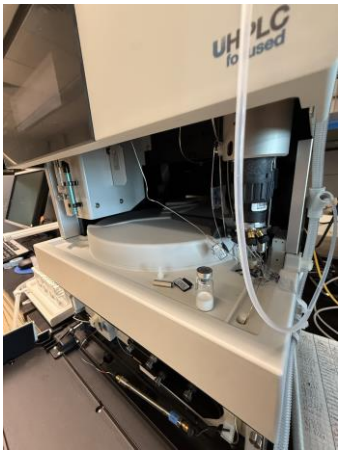
Sample received:

Product Name	GHK-CU Batch No. 44529
Sequence	H-Gly-His-Lys-OH (GHK) · Cu^{2+}
Dissolution Condition	100% UHPLC water with 0.1% Trifluoroacetic Acid (TFA). Dissolved sample picture included here. 
Molecular Weight	~403.9 g/mo

STORAGE CONDITION: 0 °C

SAMPLE NOTES

One 3 ml clear glass vial with silver cap and silver aluminum crimp. Lyophilized powder present.



PUMP SETTINGS

Pump A	100% H20 with .1% Trifluoroacetic Acid
Pump D	100% Acetonitrile.
Column Usage	Agilent Zorbax 300SB-C18, 2.1 x 100 mm, 1.7 µm, 300 Å
Gradient	- 2% D hold (0–0.5 min) - 2 → 20% D over 6 min (≈3.0% D/min) - 20 → 30% D over 2 min - Hold 30% D (1.5 min) - Re-equilibrate to 2% D over 2.5 min - Total run time: ~12 min.
Pump Settings	0.6 mL/min
Injection Volume:	10 µL
Temperature	30 °C

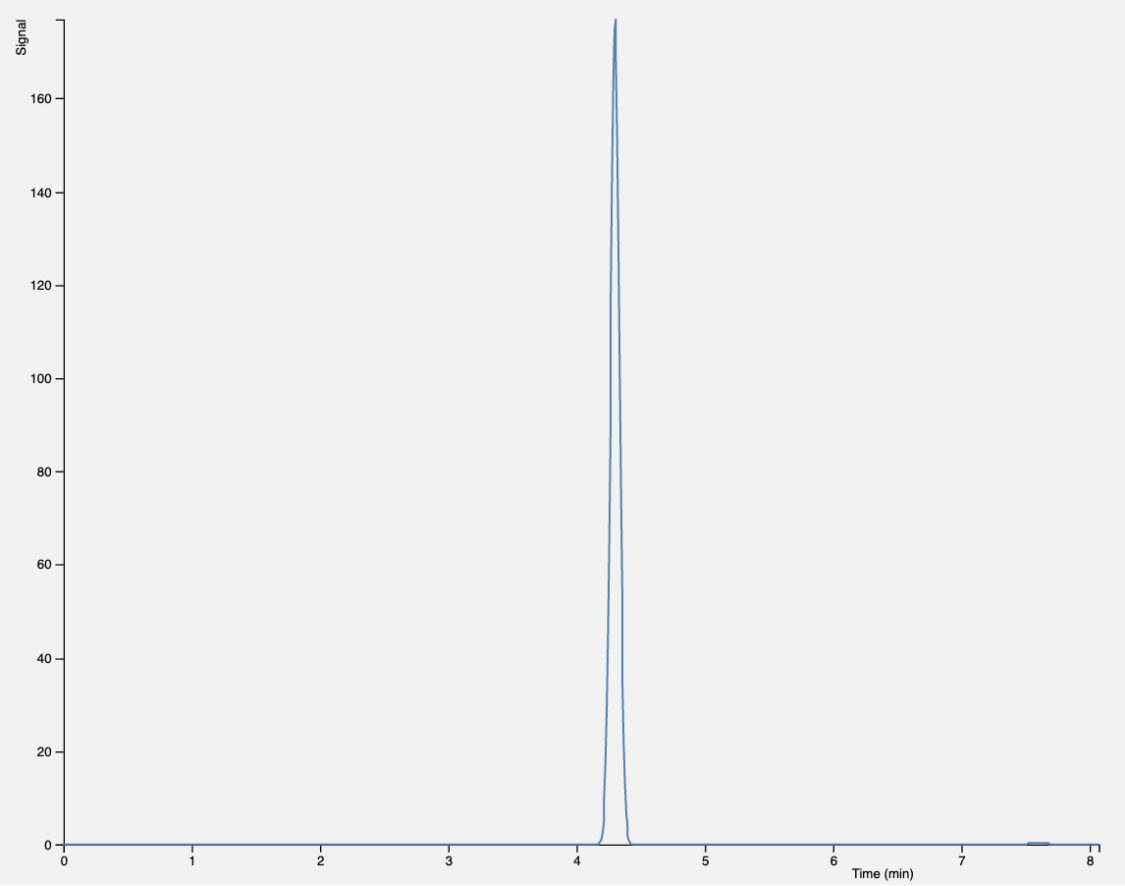
PURITY RESULT

Purity is **99.7%**

Product weight extrapolation: 54.1mg

Total impurity 0.3% (trace inert solvents and minor unidentified peaks; no significant related substances or degradation products detected above 0.1%).

Chromatogram Export: please note that x axis represents elution window.



CONCLUSION

This sample was analyzed on a Thermo Ultimate U3000 HPLC stack using reverse-phase high-performance liquid chromatography and determined to contain **99.70% GHK-CU**, with the remainder being impurities of minor significance.

CERTIFICATION

Certified by: Jonathan Barber
Title: Analytical Chemist
Date: 2 March 2026

Trulab Peptides www.trulabpeptides.com | **Phone:** 872-239-6582
Address: 15017 North Dale Mabry Highway #1121 Tampa, FL 33618 United States