

Certificate of Analysis

Client:

Cellgenic

Datan Center 9100 S Dadeland Boulevard,

Suite 1500. Miami FL. 33156 United States.

Email: info@stemcellsgroup.com

Phone: +1 305 560 5337

Amino acid sequence (GHK-Cu)

Gly-His-Lys (Cu²⁺ complex)

Sample Identification

Sample Name	GHK-Cu 50 mg	Batch Number	GHK5020-01	Date Published	30-JAN-2026
-------------	--------------	--------------	------------	----------------	-------------

Results for GHK5020-01 GHK-CU

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
---	------------	-------------	-----------------

GHK-Cu Assay <i>Peptide Screening</i>	50.40 mg	[± 0.25]	
--	----------	----------	--

GHK-Cu Identification by RT <i>Peptide Screening</i>	0.998	[± 0.005]	
---	-------	-----------	--

GHK-Cu Identification by spectrum <i>Peptide Screening</i>	998	[± 10]	
---	-----	--------	--

GHK-Cu Purity <i>Peptide Screening</i>	> 99.8 %	[± 0.4]	
---	----------	---------	--

Bioburden	ResultUnit	Uncertainty	Reporting Limit
-----------	------------	-------------	-----------------

Total Aerobic Microbial Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 1000 △
---	--------------------	--	-----------

Total Yeast and Mold Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 100 △
--	--------------------	--	----------

Endotoxin Analysis	ResultUnit	Uncertainty	Reporting Limit
--------------------	------------	-------------	-----------------

Bacterial Endotoxin <i>USP<85> Bacterial Endotoxin Chromogenic Test</i>	< 0.001 EU/mg		> 0.5 △
--	---------------	--	---------

Heavy Metals	ResultUnit	Uncertainty	Reporting Limit
--------------	------------	-------------	-----------------



Quality Assurance

SIGNED CERTIFICATION

Analysis results relate only to the samples tested.

This document shall not be reproduced except in full, without the written approval of Cellgenic Laboratories.

Edwin Hoag

Edwin Hoag, MD, PhD

Inspecting QA/QC Manager · Cellgenic Laboratories



Datran Center · 9100 S Dadeland Boulevard, Suite 1500 · Miami, FL 33156 · United States
info@stemcellsgroup.com · +1 305 560 5337 · cellgenic.com

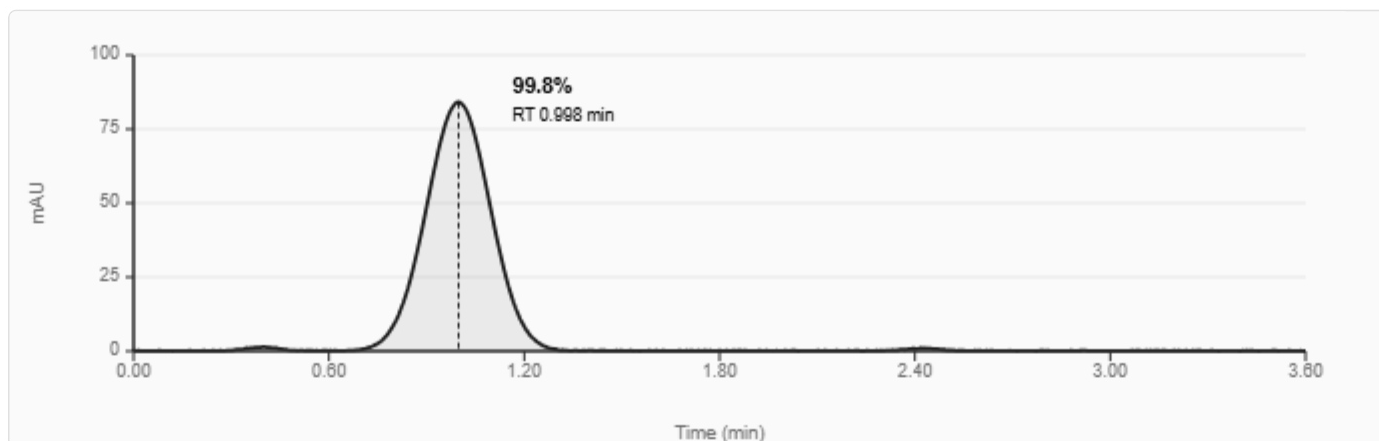
Analysis Dashboard

GHK-Cu

• Batch: GHK5020-01 • 30-JAN-2026

HPLC Chromatogram

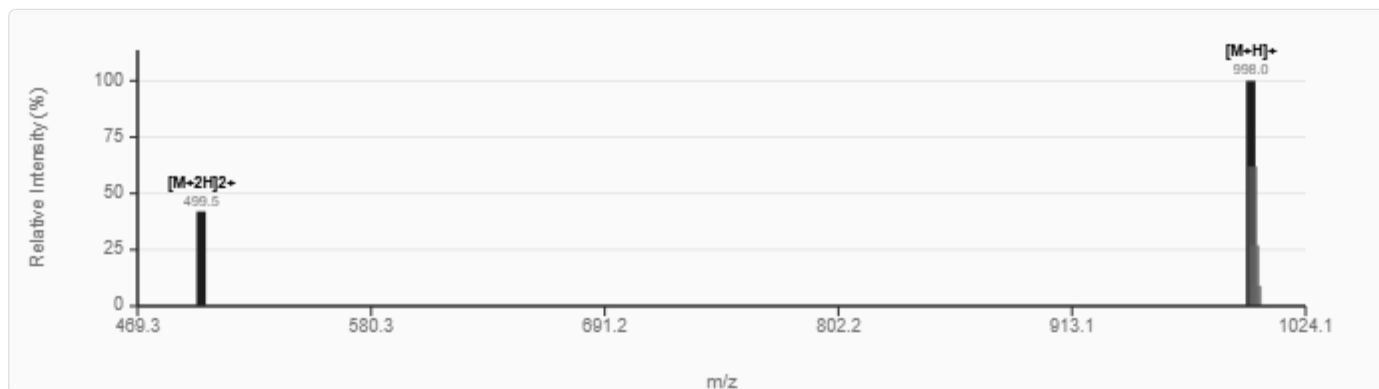
HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS

Column: C18, 250x4.6 mm, 5µm Mobile phase: H₂O/ACN + 0.1% TFA Detection: UV 220 nm

RT: 0.998 min Purity: > 99.8%

Mass Spectrum

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 998 m/z Identity: Confirmed ✓