

Independent Research Testing Center
875 Innovation Drive, Cambridge, MA 02139, USA

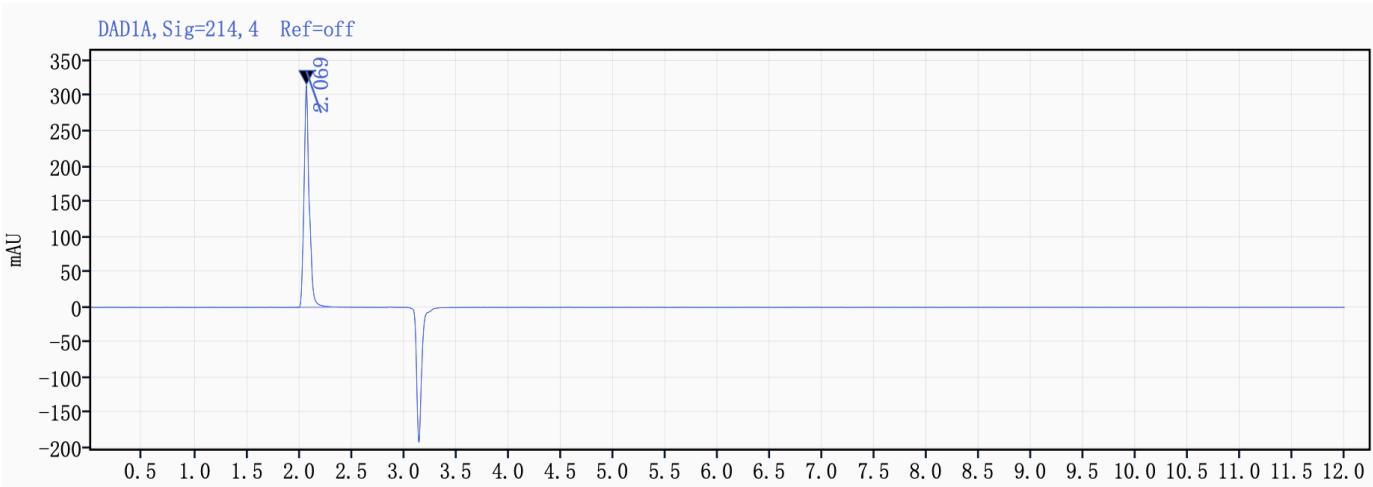
CERTIFICATE OF ANALYSIS (COA)

Product Name	GHK-Cu 50 mg (Injectable Research Vial)
Chemical Name	Copper Tripeptide-1 (Gly-His-Lys, copper complex)
CAS Number	89030-95-5
Batch / Lot Number	GHKCU500507
Manufacturing Date	2026-08-07
Retest / Expiry Date	2028-08-07
Net Content	50 mg per vial
Storage Conditions	Store at 2–8°C, protected from light and moisture
Appearance	Blue to blue-violet lyophilized powder
Molecular Formula / MW	C ₁₄ H ₂₂ CuN ₆ O ₄ / 400.90 g/mol

Analytical Results

Test Item	Specification	Result	Method
Identification	Conforms	Conforms	LC-MS
Purity (HPLC)	≥98.0%	98.97%	HPLC
Peptide Content	95.0–105.0%	98.9%	HPLC
Appearance	Blue to blue-violet lyophilized powder	Conforms	Visual
Water Content	≤3.0%	1.2%	Karl Fischer
Heavy Metals	≤10 ppm	<10 ppm	ICP-MS
Endotoxin	<10 EU/mg	<10 EU/mg	LAL Test

HPLC Chromatogram



For laboratory research use only. Not for human consumption.

Tester Name	Dr. Michael Carter
Signature	<i>Michael Carter</i>
Test Date	2026-08-24