



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Quality Release Date: 20 FEB 2026 Issue Date: 20 FEB 2026

Product Information

Product Name Copper Peptide (GHK-Cu)

Product Number CP-20260220

Batch Number CP-SH2026022001

Brand SIGALD

CAS Number 49557-75-7

MDL Number MFCD00080315

Formula $C_{14}H_{24}CuN_6O_4$

Formula Weight 404.92 g/mol

Molecular Form Tripeptide Complex (Glycyl-L-histidyl-L-lysine copper complex)

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White to pale blue	Pale blue	-	Visual Inspection
Appearance (Form)	Lyophilized powder	Lyophilized powder	-	Visual Inspection
Assay (Purity)	≥ 98.0%	98.7%	%	High Performance Liquid Chromatography (HPLC)
Copper Content	12.0-14.0%	13.2%	%	Inductively Coupled Plasma (ICP)
pH Value (1mg/mL aqueous, 25°C)	5.0-7.0	6.1	-	Digital pH Meter
Water Content	≤ 3.0%	1.5%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 5 ppm	0.9 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Aerobic Count	≤ 100 CFU/g	18 CFU/g	CFU/g	Plate Count Method
E. coli/Staphylococcus aureus	Negative	Negative	-	Microbiological Detection
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with industrial standards for copper peptide and meets all specified requirements. It is qualified for cosmetic, biomedical research and industrial use.