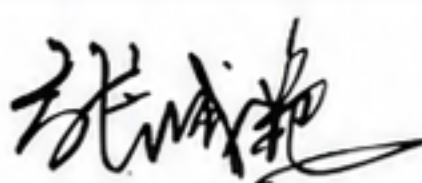


CERTIFICATE OF ANALYSIS

Product Name	Ghkcu / LY741828 (Cat.# 295110, >99% purity)
Lot No.	8391-5724-08-4627
Sequence	Gly-His-Lys-Cu (Tripeptide-Copper Complex) (Gly2-His3-Lys8-Cu2+)
Dissolution condition	100% H2O
Length	3AA
Modification	Copper (II) complex
Molecular Weight (MW)	481.04
Storage	-20°C

	Specifications	Results
Appearance	White to off-white lyophilized powder	Conforms
MW by MS	481.0±1Da	481.1Da
Dissolution	Tested: Water PBS DMSO	Water: soluble, 50mg/ml PBS: soluble, 50mg/ml DMSO: soluble, 50mg/ml
pH value	6.0-7.0	6.6
TFA	≤0.5%	0%,undetectable
Acetate	≤5.0%	0%,undetectable
Sodium salt	≤5.0%	1.0%
Purity	≥99.0%	99.642%
Impurity	Single Impurity ≤1.0%	0.28%
	Total Impurity ≤2.0%	0.41%
Copper content	10.0-12.0%	11.2%
Net peptide content (NPC)	≥85.0%	95.8%
Water	≤8.0%	3.9%

Certified by:



Quality Assurance Department

Jun/20/2025

