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Certification of Analysis

INCI Name	Copper Tripeptide-1		
CAS. No.	89030-95-5	Batch No.	YST240701
Molecular Formula	$C_{14}H_{22}N_6O_4.Cu$	Molecular Weight	401.91
Cat. No	QT-1006	Manufacturing Date	06/24/2026
Storage	2 - 8°C	Retest Date	06/24/2028
Sequence	Gly-His-Lys.Cu		
TEST		SPECIFICATION	RESULT
Appearance		Blue to purple powder or crystallized powder	Conformed
Identity by HPLC		The retention is same as the reference substance	Confirmed
Identity by MS		401.91 ± 1	401.9
Solubility		Soluble in water, ≥ 100 mg/ml	Conformed
Peptide Purity (By HPLC)		$\geq 98.0\%$	99.81%
Acetic Acid content (By HPLC)		$\leq 25.0\%$	2.38%
Water Content (Karl Fischer)		$\leq 8.0\%$	6.85%
Copper Content		8–16%	11.75%
GHK Content		65-85%	74.04%
Chloride Content		$\leq 15.0\%$	7.25%
Conclusion: the test result is confirmed to the specification and qualified.			

Tested By Jane Merrill, Checked By Ashley Bennet, Audited By Liu Jing

Qualitide Quality Control Department Date: **2026-06-28**