

RELEASED

Certificate of Analysis

Document COA-9T2-ZHFP · Rev. 1

Product	AHK-Cu	Lot No.	9T2-ZHFP
INCI name	Copper Tripeptide-3	Manufacturer batch	260708
CAS No.	767286-83-9	Manufacture date	07/23/2026
Formula / MW	C ₁₅ H ₂₄ CuN ₆ O ₄ · 415.9 g/mol	Expiration date	01/22/2028
Description	Blue to blue-violet powder	Date issued	10/20/2026
Test standard	Manufacturer in-house specification	Shelf life	18 months
Storage	Unopened powder: keep sealed, cool, dry and dark.		

Test	Specification	Result	Status
Physical & chemical			
Appearance	Blue to purple powder, characteristic odor	Blue powder; conforms	Pass
Identification (HPLC)	Main-peak retention time matches reference standard	Conforms	Pass
Solubility in water	≥100 mg/mL	Conforms	Pass
Purity (HPLC)	≥98.0%	99.6%	Pass
pH	5.0 – 7.0	5.1	Pass
Water content	≤10.0%	3.4%	Pass
Copper content (Cu ²⁺)	10.0 – 15.0%	11.5%	Pass
Heavy metals			
Lead (Pb)	≤10 ppm	Not detected	Pass
Arsenic (As)	≤2 ppm	Not detected	Pass
Mercury (Hg)	≤1 ppm	Not detected	Pass
Cadmium (Cd)	≤5 ppm	Not detected	Pass
Microbiological			
Total aerobic microbial count	≤1,000 CFU/g	<50 CFU/g	Pass
Total yeast and mold count	≤100 CFU/g	<10 CFU/g	Pass

Conclusion: This lot was tested against the manufacturer's specification and meets all requirements. Released for sale.

Released by
Velune Labs Quality Assurance

Release date
10/20/2026

Analytical results were provided by the manufacturer's quality-control laboratory for the batch named above. This certificate was compiled, reviewed and issued by Velune Labs. Results relate only to the lot identified above. For cosmetic formulation and external use only. Not for use as a drug, food or dietary supplement.

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