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CERTIFICATE OF ANALYSIS

Copper Tripeptide-1 | Batch PHY20260419

Product Name	Copper Tripeptide-1	**Document No.**	PHY-COA-CT1-PHY20260419
CAS Number	89030-95-5	**Version**	1.3
Physical Form	Bluish to bluish purple crystalline powder	**Issue Date**	06 Oct 2026
Country of Origin	China	**Batch No.**	PHY20260419
Date of Manufacture	19 Apr 2026	**Expiry Date**	18 Apr 2028
Package	25 kg/Drum	**Certificate Date**	26 Apr 2026
Quantity	500 kg	**Document Status**	Issued

ANALYTICAL RESULTS

TEST ITEM	SPECIFICATION	RESULT	TEST METHOD
Appearance	Bluish to bluish purple crystalline powder	Bluish to bluish purple crystalline powder	Visual
Solubility (mg/mL, H_2O)	≥ 100 mg/mL	Complies	Visual
pH (1% solution)	5.0 – 7.0	6.11	Potentiometry
Purity	≥ 98.0%	99.85%	HPLC
Acetic Acid	≤ 2.5%	ND	Titration
GHK	≥ 70.0%	75.15%	HPLC
Copper	10.0 – 16.0%	12.34%	ICP
Chloride (Cl)	≤ 10%	6.80%	Titration

Conclusion The results listed above conform to the stated specifications.

Storage and shelf life Store in cool and dry places. Keep away from strong light and heat.

Quality statement The results apply only to the batch identified above. This certificate was reviewed and issued by PHYTVA Quality Assurance based on the manufacturer's batch quality-control records. Customers are responsible for confirming suitability for their intended formulation and applicable market requirements.

REVIEWED AND RELEASED BY	APPROVAL DATE	APPROVAL STATUS
PHYTVA Quality Assurance	**06 Oct 2026**	**Approved**

This certificate is electronically issued and is valid without a handwritten signature.

Source batch record: manufacturer's quality-control records.