Certificate Of Analysis

NO:026-A91-TSX

Peptide Name	AHK-Cu		
Molecular Formula	C15H24CuN6O4	**Manufacturing**	2026/09/01
Molecular Weight	403.93 g/mol	**Report Date**	2026/09/06
CAS No.	125533-88-2 / 89030-95-5	**Re-test Date**	2028/09/01
Appearance	Blue lyophilized powder	**Packing size**	1Kg/bag
Reference Standard	Enterprise Standard	**Storage conditions**	Store at -20°C in an airtight, light-resistant container (long-term)
Sequence	H-Ala-His-Lys-OH		

Tests	Specifications	Results
Appearance	Blue lyophilized powder	Conforms
MS (ESI)	403.93 ± 1.0 Da	Conforms
Purity (HPLC)	≥98.0%	99.15%
Acetate Content (HPLC)	≤ 15.0%	9.80%
Water Content (Karl Fischer)	≤ 8.0%	4.20%
Residual TFA	≤ 1.0%	0.85%
Mass Balance	95.0~105.0%	96.35%
Conclusion	The batch complies with Enterprise Standard.	

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker**：Bowen Yang