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Certificate of Analysis

Product Name:	AHK-CU	Batch No.	JL20220311
MF.	C15H24CuN6O4	MF Date	Mar.11,2022
Packing	50g/plastic bottle 100g/plastic bottle	Analysis Date	Mar.11,2022
Quantity	2KG	Expiry Date	Mar.10,2024
Item	Standard		Result
Appearance	Blue to purple powder		Conforms
Identity by HPLC	The retention is same with the reference substance		Conforms
Identity by MS	415.93±1		Conforms
Solubility	≥100mg/ml(H ₂ O)		Conforms
Water Content (Karl Fischer)	≤8.0%		3.95%
Copper Content	8-12%		10.22%
PH (1% water solution)	6.0-8.0		7.01
Heavy Metals	≤10 ppm		Conforms
Peptide purity (By HPLC)	≥95.0%		98.81%
Arsenic	≤1 ppm		Conforms
Conclusion	The results conforms with enterprise standards		

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng