



Zhong'an Copper Industry Co., Ltd.
ZHONGAN COPPER INDUSTRY CO., LTD.

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CERTIFICATE OF ANALYSIS

Product Name	Copper Oxide Powder	Molecular Formula	CuO
Batch No.	20260620	Molecular Weight	79.55
Grade	High-Purity Electronic Grade	Inspection Date	June 21, 2026
Inspection Standard	IIG/T 5354-2018		

Test Item	Specification	Result	Remarks
Purity, calculated as CuO	99%	99.1%	20260620 (01-20)
Zinc (Zn)	≤ 10 ppm	0.2 ppm	
Iron (Fe)	≤ 10 ppm	2.0 ppm	
Lead (Pb)	≤ 5 ppm	0.2 ppm	
Nickel (Ni)	≤ 10 ppm	0.4 ppm	
Manganese (Mn)	≤ 5 ppm	0.1 ppm	
Calcium (Ca)	≤ 10 ppm	2.0 ppm	
Magnesium (Mg)	≤ 10 ppm	0.2 ppm	
Chloride (Cl)	≤ 15 ppm	5 ppm	
Acid-Insoluble Matter	≤ 0.003%	5 ppm	
Acid Dissolution Time	≤ 30 s	10 s	
Dissolution Time in Plating Solution	-	≤ 12 min	
Conclusion	Pass		



Issued by: Zhang Hongping Reviewed by: Peng Wenge Inspected by: Qi Zhuang

