

# ACCU-LABS INC.

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**A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01**

## **COPRITE**

*For bright copper and brass plating*

### **Introduction**

**COPRITE** is a liquid additive formulated to produce bright deposits from cyanide copper and brass plating solutions. **COPRITE** improves the appearance and brightness over a wide range of current densities and is compatible with almost all existing baths.

### **Features and Benefits**

Bright deposits	Attractive finish for copper and brass
Wide plating range	Useful in both barrel and rack applications
Fine-grained deposit	Less nickel required for full brightness

### **Operating parameters - Copper plating baths**

Copper metal	2.5 - 6.0 oz/gal (4.0 optimum)
Free sodium cyanide	1.0 - 3.0 oz/gal (1.5 optimum)
Caustic soda	0.2 - 1.0 oz/gal (.50 optimum)
Sodium carbonate	2.0 - 10.0 oz/gal (4.0 optimum)
Rochelle salts (or other anode corroder)	As required
<b>COPRITE</b> additive	0.5 - 2.0 % by volume
Temperature	120 - 160 <sup>0</sup> F
Cathode current density	5 - 50 amps per square foot
Anode current density	3 - 30 amps per square foot
Agitation (rack plating)	Mechanical preferred

**Brass plating bath** conditions are similar to copper plating, except for the following:

Zinc metal	0.40 - 0.70 oz/gal (0.50 optimum)
pH (no caustic soda)	9.50 - 10.5
<b>COPRITE</b> additive	0.5 - 1.0 % by volume
Temperature	100 - 120 <sup>0</sup> F

### **Safety and handling**

**COPRITE** is a hazardous material. Read and understand the Material Safety Data Sheet before using this or any other chemical product. Proper handling techniques and chemical hygiene should be observed with this and all chemical products.

### **Non-warranty**

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