

**COLOR COMPARISON TEST**  
**FREE COPPER (0.05-1.0 ppm)**

Instr. #5432

**PROCEDURE:**

**CAREFULLY READ AND FOLLOW PRECAUTIONS ON REAGENT LABELS.**  
**KEEP REAGENTS AWAY FROM CHILDREN.**

NOTE: When dispensing reagents from dropper bottles, **always** hold bottle in a vertical position.

**Free Copper Test**

1. Rinse and fill 5 mL test cell (#9017) to 5 mL mark with water to be tested.
2. Add 10 drops R-0642 Copper Buffer. Cap and mix.
3. Add 10 drops R-0643 Thiocarbamate Reagent. Cap and mix. Remove cap.
4. Place bottom of test cell on white area of Color Card Comparator (#5432) and match color in test cell with a color standard by looking down through the solution. Record as parts per million (ppm) free copper (Cu).

081017



# Free Copper Color Chart

1.0



0.7



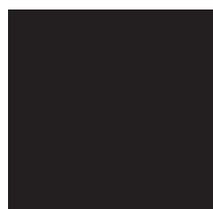
0.5



0.3



0.15



0.05  
ppm

