

DROP TEST

SODIUM NITRITE (1 drop = 40 ppm)

Instr. #5011

COMPONENTS:

- 1 x 5011 Instruction
- 1 x 9198R Sample Tube, Graduated (25 mL) w/ cap & red dot, plastic
- 1 x R-0819-C Ferroin Indicator, 2 oz, DB
- 2 x R-0820-C CAN Solution, 2 oz, DB

TO ORDER REPLACEMENT PARTS AND REAGENTS CALL TOLL-FREE
800-TEST KIT (800-837-8548).

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.

Sodium Nitrite Test

1. Rinse and fill 25 mL sample tube (#9198R) to 5 mL mark with cooled (room temperature) water to be tested (Fig. 1).
2. Add 4 drops R-0819 Ferroin Indicator. Swirl to mix. Sample should turn reddish orange (Fig. 2).
3. Add R-0820 CAN Solution dropwise, swirling and counting after each drop, until color changes from reddish orange to blue (Fig. 3).
4. Multiply drops of R-0820 CAN Solution by 40. Record as parts per million (ppm) sodium nitrite.

NOTE: For results as nitrite, multiply sodium nitrite concentration by 0.67.



Fig. 1



Fig. 2



Fig. 3



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