

# DROP TEST

## TOTAL BROMINE (1 drop = 0.5 or 1.25 ppm)

Instr. #5526

### COMPONENTS:

1 x 5526	Instruction
1 x 9198Y	Sample Tube, Graduated (25 mL) w/ cap & yellow dot, plastic
1 x R-0870-I	DPD Powder, 10 g
2 x R-0872-C	FAS-DPD Titrating Reagent (Bromine), 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.

### Total Bromine Test

1. Rinse and fill sample tube (#9198Y) to desired mark with water to be tested.

NOTE: For 1 drop = 0.5 ppm, use 25 mL sample.

For 1 drop = 1.25 ppm, use 10 mL sample.

2. Add 2 dippers R-0870 DPD Powder. Swirl until dissolved. Sample will turn pink (Fig. 1) if bromine is present.

NOTE: If pink color disappears, add R-0870 DPD Powder until color turns pink.

3. Add R-0872 FAS-DPD Titrating Reagent (Bromine) dropwise, swirling and counting after each drop, until color changes from pink to colorless.
4. Multiply drops in Step 3 by drop equivalence (Step 1). Record as parts per million (ppm) total bromine ( $\text{Br}_2$ ).



Fig. 1



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