

DROP TEST

TOTAL ALKALINITY (1 drop = 10 ppm)

COMPONENTS:

1 x 5207	Instruction
1 x 9198G	Sample Tube, Graduated (25 mL) w/ cap and green dot, plastic
1 x R-0645-C	Total Alkalinity Indicator, 2 oz, DB
1 x R-0687G-C	Sulfuric Acid .12N, 2 oz w/ green cap, 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 Alkalinity Test

1. Rinse and fill 25 mL sample tube (#9198G) to 25 mL mark with water to be tested.
2. Add 5 drops R-0645 Total Alkalinity Indicator. Swirl to mix. Sample will turn green (Fig. 1).
3. Add R-0687G Sulfuric Acid .12N dropwise, swirling and counting after each drop, until color changes from green to red (Fig.2).
4. Multiply drops of R-0687G Sulfuric Acid .12N by 10. Record as parts per million (ppm) total alkalinity as calcium carbonate (CaCO_3).



Fig. 1



Fig. 2



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