

DROP TEST

SODIUM CHLORIDE (SALT WATER) (1 drop = 200 or 800 ppm)

COMPONENTS:

1 x 5791	Instruction
1 x 6045	Syringe, 3 mL
1 x 9198	Sample Tube, Graduated (25 mL) w/ cap, plastic
1 x R-0630-C	Chromate Indicator, 2 oz, DB
1 x R-0706-C	Silver Nitrate Reagent, 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.

For 1 drop = 200 ppm Sodium Chloride

- Using 3 mL syringe (#6045), add 2 mL of water to be tested to 25 mL sample tube (#9198). Dilute to 10 mL mark with distilled, deionized, or tap water.
- Add 1 drop R-0630 Chromate Indicator. Swirl to mix. Sample will turn yellow (Fig. 1).
- Add R-0706 Silver Nitrate Reagent dropwise, swirling and counting after each drop, until color changes from yellow to a milky salmon (brick red) (Fig. 2).

NOTE: A white precipitate will form as R-0706 Silver Nitrate Reagent is added to the sample. Do not add enough R-0706 Silver Nitrate Reagent to give a brown color. First change from yellow to a milky salmon (brick red) is the endpoint.

- Multiply drops of R-0706 Silver Nitrate Reagent by 200. Record as parts per million (ppm) salt as sodium chloride (NaCl).

For 1 drop = 800 ppm Sodium Chloride

- Using 3 mL syringe (#6045), add 0.5 mL of water to be tested to 25 mL sample tube (#9198). Dilute to 10 mL mark with distilled, deionized, or tap water.
- Add 1 drop R-0630 Chromate Indicator. Swirl to mix. Sample will turn yellow (Fig. 1).
- Add R-0706 Silver Nitrate Reagent dropwise, swirling and counting after each drop, until color changes from yellow to a milky salmon (brick red) (Fig. 2).

NOTE: A white precipitate will form as R-0706 Silver Nitrate Reagent is added to the sample. Do not add enough R-0706 Silver Nitrate Reagent to give a brown color. First change from yellow to milky salmon (brick red) is the endpoint.

- Multiply drops of R-0706 Silver Nitrate Reagent by 800. Record as parts per million (ppm) salt as sodium chloride (NaCl).



Fig. 1



Fig. 2



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