

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

COMPONENTS:

- 1 x 4078 Pipet, Graduated, 3 mL (0.5 mL div.), plastic
- 1 x 5791 Instruction
- 1 x 9198 Sample Tube, Graduated, 25 mL, plastic w/cap
- 1 x R-0630 Chromate Indicator, DB
- 1 x R-0706 Silver Nitrate Reagent, DB

PROCEDURE:

CAREFULLY READ AND FOLLOW PRECAUTIONS ON REAGENT LABELS.

KEEP REAGENTS AWAY FROM CHILDREN.

For 1 drop = 200 ppm Sodium Chloride

1. Using a 3 mL pipet (#4078), 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.
2. Add 1 drop R-0630 Chromate Indicator. Swirl to mix. Sample should turn yellow.
3. Add R-0706 Silver Nitrate Reagent dropwise, swirling and counting after each drop, until color changes from yellow to a milky salmon (brick) red. Always hold bottle in vertical position.

NOTE: 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.

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

For 1 drop = 800 ppm Sodium Chloride

1. Using a 3 mL pipet (#4078), 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.
2. Add 1 drop R-0630 Chromate Indicator. Swirl to mix. Sample should turn yellow.
3. Add R-0706 Silver Nitrate Reagent dropwise, swirling and counting after each drop, until color changes from yellow to a milky salmon (brick) red. Always hold bottle in vertical position.

NOTE: DO NOT add enough R-0706 Silver Nitrate Reagent to give a brown color. First change from yellow to red is the endpoint.

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