

**CHLORIDE/SODIUM CHLORIDE**

K-0050/5 (Boiler)

1. Fill the reaction vial with the water sample to the 25 ml mark.
2. Add 6 drops of Phenolphthalein indicator solution and mix.
  - If the water does not turn to a pink/red color, proceed to step 3.
  - If the water turns pink/red color, add Sulfuric acid neutralizing solution, drop by drop until the pink/red color disappears
3. If the water sample contains a reducer (sulfite), add 5 drops of Hydrogen peroxide solution and mix. Otherwise, skip this step.
4. Add 6 drops of Potassium chromate indicator solution. The water will turn yellow.
5. Add Chloride titrating solution, drop by drop, shaking the mixing vial between each drop, counting the drops, until a faint brick red color appears throughout the entire sample.

Cl ppm = No. of drops x 5 (to convert to Sodium Chloride, multiply Cl by 1.65)

**Replacement Reagents and Parts**

R-2020/4oz/5	-	Chloride titrating solution (1 drop = 5 ppm Cl/25 ml)
R-3040/2oz	-	Hydrogen peroxide solution w/nasal plug
R-1070/2oz	-	Phenolphthalein indicator solution w/nasal plug
R-4050/2oz	-	Sulfuric acid pH neutralizing solution w/nasal plug
R-1080/2oz	-	Potassium chromate indicator solution w/nasal plug
P-1045	-	Graduated reaction vial w/cap, 25 ml
P-1040	-	Glass eye dropper, blunt tip w/20 mm screw cap
P-1110	-	Test kit box with foam insert and bottom foam pad