

**ALKALINITY (OH)**K-0040/50

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1. Fill the reaction vial with the water sample to the 25 ml mark.
2. Add 15-20 drops of 10% Barium chloride solution and mix.
3. Add 5 - 10 drops of Phenolphthalein indicator solution.
4.
  - a. If the water does not change color, OH alkalinity is zero.
  - b. If the water turns pink or red, proceed to step 4.
5. Add alkalinity titrating solution, drop by drop, shaking the vial between each drop, counting the drops, until the pink color turns to colorless.

OH alkalinity as ppm of  $\text{CaCO}_3$  = no. of drops x 50.

**Replacement Reagents and Parts**

R-2010/4oz/50	-	Alkalinity titrating solution (1 drop = 50 ppm $\text{CaCO}_3$ / 25 ml)
R-3010/2oz	-	10% Barium chloride solution
R-1070/2oz	-	Phenolphthalein 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