

**ALKALINITY (TOTAL)**K-0030/10

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1. Fill the reaction vial with the water sample to the 25 ml mark.
2. Add 5 - 10 drops of Mixed indicator solution.
3.
  - a. If the water turns orange, Total alkalinity is zero.
  - b. If the water turns blue-green, proceed to step 4.
4. Add Alkalinity titrating solution, drop by drop, shaking the vial between each drop, counting the drops, until the blue-green color turns to orange.

Total alkalinity as ppm of  $\text{CaCO}_3$  = no. of drops x 10.

**Replacement Reagents and Parts**

R-2010/4oz/10	-	Alkalinity titrating solution (1 drop = 10 ppm $\text{CaCO}_3$ / 25 ml)
R-1050/2oz	-	Mixed 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