

**ALKALINITY (Total)**

K-0320/20

1. Fill a casserole or Erlenmeyer flask with 50 ml of water sample.
2. Add 5-10 drops of the mixed indicator solution.
3. If the water turns orange/ red, total alkalinity is zero.
4. If the water turns blue-green, proceed to step 5.
5. Zero the buret and slowly add the titrating solution to the sample, stirring the water sample, until the blue-green color turns to orange.

Total alkalinity as ppm of  $\text{CaCO}_3$  = ml of titrating solution x 20

**Replacement Reagents and Parts**

R-2015/qt/20	-	Alkalinity titrating solution (1 ml = 20 ppm $\text{CaCO}_3$ / 50 ml)
R-1050/2oz	-	Mixed indicator solution w/nasal plug
P-1015	-	250 ml Erlenmeyer flask
P-1140	-	Automatic buret 10 ml bead type w/500ml reservoir