

# ALKALINITY (Total) TEST KIT

Item: K-0320/20 by Buret Titration  
(1 ml = 20 mg/L or 20 ppm CaCO<sub>3</sub> / 50 ml)



Example Kit

**Chemistry:** Titration with sulfuric acid to the bromcresol green methyl red mixed indicator end point.

## Instructions:

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

**M alkalinity as mg/L or ppm of CaCO<sub>3</sub> = no. of drops x 20.**

**Item: K-0320/20 Total Alkalinity Buret Titration Kit**  
100 test at 10 ml per test

**Contains these Replacement Reagents and Parts for:**

R-2015/qt/20 - Alkalinity titrating solution

(1 ml = 20 mg/l or 20 ppm CaCO<sub>3</sub> / 50 ml)

R-1050/2oz - Mixed indicator solution w/nasal plug

P-1037 each 250 ml Glass Erlenmeyer Flask, wide mouth

P-1140 - Automatic buret 10 ml bead type w/500ml reservoir

