

# ALKALINITY (Total) TEST KIT

Item: K-0320/100 by Buret Titration  
(1 ml = 100 mg/L or 100 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 100.**

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

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

R-2015/qt/100 - Alkalinity titrating solution

(1 ml = 100 mg/l or 100 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

