

ALKALINITY (P) TEST KIT

Item: K-0300/100 by Buret Titration
(1 ml = 100 mg/L or 100 ppm CaCO₃ / 50 ml)



Example Kit

Chemistry: Titration with sulfuric acid to the phenolphthalein end point.

Instructions:

1. Fill a casserole or Erlenmeyer flask with 50 ml of water sample.
2. Add 5 - 10 drops of Phenolphthalein indicator solution.
3. a. If the water does not change color, P alkalinity is zero.
b. If the water turns pink or red, proceed to step 4.
4. Zero the buret and slowly add the titrating solution to the sample, stirring the water sample, until the pink color turns to colorless.

Total Alkalinity as mg/l or ppm of CaCO₃ = ml of titrating solution x 100

Item: **K-0300/100 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 CaCO₃ / 50 ml)

R-1070 2 oz Phenolphthalein Indicator Solution w/ nasal plug

P-1015 - 250 ml Erlenmeyer flask

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

