

# Chlorinated Alkalinity Test Kit

**TK5050-Z**  
yellow caps

## KIT COMPONENTS:

PH1605-A	Phenolphthalein Indicator, 30 mL
ST2970-B	Sodium Thiosulfate, 60 mL
SA7590-B	Sulfuric Acid 0.5N, 60 mL
SY-2012-P	Syringe, 12 mL
VL-1005-V	Vial, 10-50 mL

**INTERFERENCES:** Turbid samples may mask the color change at the endpoint. High levels of Chlorine may cause negative interference.

## GENERIC FACTOR:

# drops x 80 = ppm Alkalinity as NaOH

### SAFETY TIPS:



Wear  
Gloves



Use Eye  
Protection



Read  
SDS

### TESTING TIPS:



Collect  
Accurate  
Sample



Hold  
Bottles  
Vertically



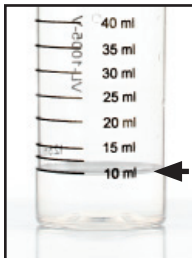
Ensure  
Proper  
Lighting

**ATTENTION:** As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

Video Procedure



**1** Rinse vial three times with sample to be tested. **Fill vial to 10 mL.**



STEP 1

**2** Add 3 drops of **Phenolphthalein Indicator**

(PH1605) and swirl to mix. The sample should turn pink.

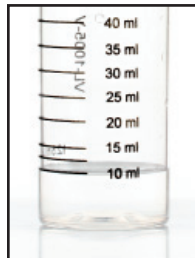
**2a)** If sample does not turn pink, add 5 drops of Sodium Thiosulfate (ST2970). Add an additional 3 drops of Phenolphthalein Indicator and the sample should turn pink. If it does not, repeat step 2a one more time. If sample still does not turn pink, chemical level may be too low.



STEP 2

**3** Add **Sulfuric Acid 0.5N** (SA7590) one drop at a time while swirling. Count the number of drops until the sample color changes from pink to clear.

# drops x factor = amount of product



STEP 3