

# Acid (Lactic) Test Kit

1 drop = 0.1% Lactic Acid / 1 mL

# TK1325-Z

red caps

## KIT COMPONENTS:

SH6220-B	Sodium Hydroxide 0.25N, 60 mL
PH1605-A	Phenolphthalein Indicator, 30 mL
SY-2001-P	Syringe, 1 mL
VL-1005-V	Vial, 10-50 mL

## SAFETY TIPS:



Wear  
Gloves



Use Eye  
Protection



Read  
SDS

## TESTING TIPS:



Collect  
Accurate  
Sample



Hold  
Bottles  
Vertically

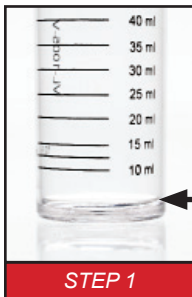


Ensure  
Proper  
Lighting

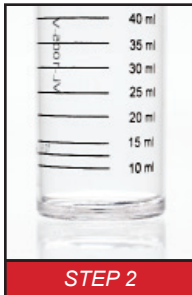
**INTERFERENCES:** Turbid or highly colored samples may mask the color change at the endpoint.

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

**1** Rinse vial three times with sample to be tested. **Draw 1 mL of Lactic Acid test solution (sample to be tested) into a clean syringe. Dispense into clean test vial.**



**2** Add 1 drop of **Phenolphthalein Indicator (PH1605)** and swirl to mix. The sample should remain colorless.



**3** Add **Sodium Hydroxide 0.25N (SH6220)** one drop at a time, swirling after each drop. Count the number of drops until the sample color changes from clear to pink. The endpoint occurs with a single drop. Titrate with the bottle held vertically, not at an angle. Allow the drops to form uniformly, do not touch the dropper tip to the test vial. Add the drops slowly toward the endpoint.



Multiply the number of drops by 0.1 to obtain the percent of Lactic Acid.

$$\# \text{ drops} \times 0.1 = \% \text{ Lactic Acid}$$