

Reserve Alkalinity Test Kit

1 drop = 0.4 mL as 0.1N HCl / 1 mL

TK1800-Z

KIT COMPONENTS:

HA6091-B	Hydrochloric Acid, 0.1N, 60mL
AI6925-A	Total Alkalinity Indicator, 30 mL
SY-2001-P	Syringe, 1 mL
VL-0525-V	Vial, 5-25 mL

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



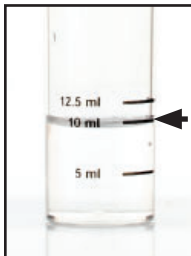
Ensure
Proper
Lighting

INTERFERENCES: Turbid samples may mask the color change at the endpoint. Use a pH meter for these samples titrating for the reserve alkalinity.

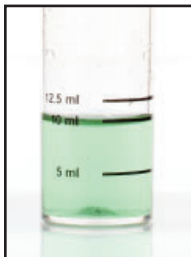
ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

1 Vial should be clean and dry or freshly rinsed with deionized or distilled water. Use the syringe to add 1 mL to the vial and add deionized or distilled water to the 10 mL mark.

2 Add 2 drops of Total Alkalinity Indicator (AI6925) and swirl to mix. The sample should turn green.



STEP 1



STEP 2

3 Add Hydrochloric acid 0.1N (HA6091) one drop at a time while swirling. Count the number of drops until the sample color changes from green to red. Record the total number of drops.

drops x 0.4 = mL as 0.1N HCl
Reserve Alkalinity



STEP 3