

# Quat (Low Range) Test Kit

1 drop = 2 ppm / 25 mL

# RDTK9001-Z

gray caps

## KIT COMPONENTS:

CO3300-A	Complexing Reagent, 30 mL
PH1605-A	Phenolphthalein Indicator, 30 mL
SA1590-A	Sulfuric Acid 0.5N, 30 mL
TB3800-A	Toluidine Blue O Indicator, 30 mL
QA3500-B	QAC DT, 60 mL
SY-2012-P	Syringe, 12 mL
VL-1005-V	Vial, 10-50 mL

## INTERFERENCES:

High alkaline water

### 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.

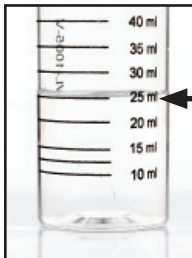
Video Procedure



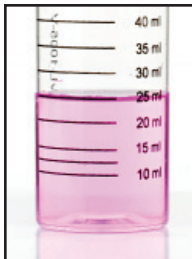
**1** Rinse vial three times with sample to be tested. **Fill vial to 25 mL.**

**2** Add **2 drops of Complexing Reagent (CO3300)** and swirl to mix.

**3** Add **3 drops of Phenolphthalein Indicator (PH1605)** and swirl to mix. If the sample remains colorless, go to step 5. If the sample turns pink-red, go to step 4.



*STEP 1*



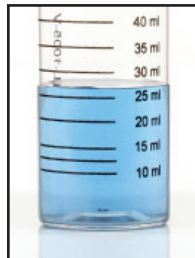
*STEP 3*

**4** Add **Sulfuric Acid 0.5N (SA1590)** one drop at a time, swirling after each drop, until the sample turns colorless.

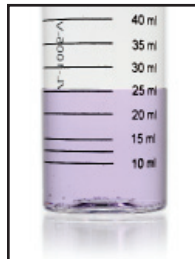
**5** Add **2 drops of Toluidine Blue O Indicator (TB3800)** and swirl to mix. The sample will turn blue.

**6** Add **QAC DT (QA3500)** one drop at a time while swirling. Count the number of drops until the sample color changes from blue to purple-pink.

# drops x 2 = ppm Quat



*STEP 5*



*STEP 6*

# Quat (Low Range) Test Kit

1 drop = 5 ppm / 10 mL

## RDTK9001-Z

gray caps

### KIT COMPONENTS:

CO3300-A	Complexing Reagent, 30 mL
PH1605-A	Phenolphthalein Indicator, 30 mL
SA1590-A	Sulfuric Acid 0.5N, 30 mL
TB3800-A	Toluidine Blue O Indicator, 30 mL
QA3500-B	QAC DT, 60 mL
SY-2012-P	Syringe, 12 mL
VL-1005-V	Vial, 10-50 mL

### INTERFERENCES:

High alkaline water

#### SAFETY TIPS:



Wear  
Gloves



Use Eye  
Protection



Read  
SDS

#### TESTING TIPS:



Collect  
Accurate  
Sample



Hold  
Bottles  
Vertically



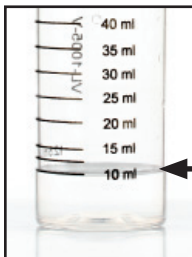
Ensure  
Proper  
Lighting

**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 2 drops of **Complexing Reagent** (CO3300) and swirl to mix.

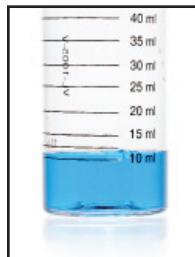
**3** Add 3 drops of **Phenolphthalein Indicator** (PH1605) and swirl to mix. If the sample remains colorless, go to step 5. If the sample turns pink-red, go to step 4.



*STEP 3*

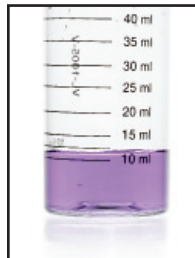
**4** Add **Sulfuric Acid 0.5N** (SA1590) one drop at a time, swirling after each drop, until the sample turns colorless.

**5** Add 2 drops of **Toluidine Blue O Indicator** (TB3800) and swirl to mix. The sample will turn blue.



*STEP 5*

**6** Add **QAC DT** (QA3500) one drop at a time while swirling. Count the number of drops until the sample color changes from blue to purple-pink.



*STEP 6*

# drops x 5 = ppm Quat