

QAC Test Kit

1 drop = 20 ppm / 10 mL

TK9022-Z

gray caps

KIT COMPONENTS:

QA3575-B	QAC Titrating Solution, 60 mL
QA3576-A	QAC Indicator Solution, 30 mL
SA1590-A	Sulfuric Acid 0.5N, 30 mL
SY-2010-P	Syringe, 10 mL
0715	Test Tube

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.



1 Rinse vial three times with sample to be tested. **Fill test tube to the 10 mL line.** Dilute to the 15 mL line with QAC-free tap water or distilled water.



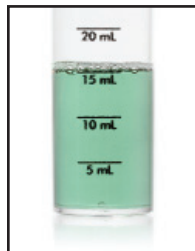
STEP 1

2 Add **3 drops of Sulfuric Acid 0.5N** (SA1590) and swirl to mix. The solution will remain clear.



STEP 2

3 Add **5 drops of QAC Indicator Solution** (QA3576) and swirl to mix. The solution will turn green.

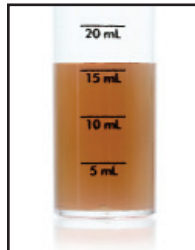


STEP 3

4 Add **QAC Titrating Solution** (QA3575) drop by drop while swirling until the sample turns from green to brown.

$$\# \text{ drops} \times 20 = \text{ppm QAC}$$

Thoroughly wash the test tube. Rinse with clean water after each test.



STEP 4