

Nitrite Test Kit

1 drop = 25 ppm as NaNO_2 / 25 mL

TK3303-Z

white caps

KIT COMPONENTS:

SB1685-I	Acid Sulfate Crystals, 50 g
PP1409-B	Potassium Permanganate, 60 mL
CP-0020-DR	Dropper, 0.5 / 1.0 mL
SC-1000-P	Scoop, 2 g
VL-1005-V	Vial, 10-50 mL

INTERFERENCES: This method is affected by any oxidizable substances in the sample such as organic matter, sulfides, hydrogen sulfide, or any mercaptans. Glycol interacts with the titrant. If present, these substances can lead to positive interferences. Iron and Copper ions can lead to negative interferences. Lead and Iron ions can cause precipitation.

SAFETY TIPS:



Wear
Gloves



Use Eye
Protection



Read
SDS

TESTING TIPS:



Collect
Accurate
Sample



Hold
Bottles
Vertically



Ensure
Proper
Lighting

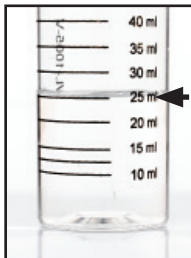
ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.



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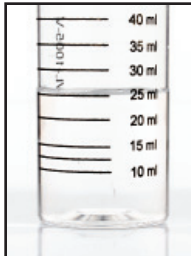
TK3303-Z

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



STEP 1

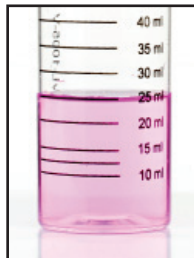
2 Using a 2 g scoop, **add 1 scoop of Acid Sulfate Crystals** (SB1685). Swirl to dissolve or use a stirring rod.



STEP 2

3 Using a dropper, **add Potassium Permanganate Reagent** (PP1409) one drop at a time while swirling. Count the number of drops until the sample color turns a faint but permanent pink. The color must persist for at least one minute.

of drops x 25 = ppm as NaNO_2



STEP 3