Nitrite Test Kit

1 drop = 50 ppm as $NaNO_2$ / 25 mL

TK3310-Z

white caps

KIT COMPONENTS:

SB1685-I	Acid Sulfate Crystals, 50 g
PP1404-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

SAFETY TIPS:


Wear Gloves


Use Eye Protection

Read SDS

TESTING TIPS:


Collect Accurate Sample


Hold Bottles Vertically


Ensure Proper Lighting

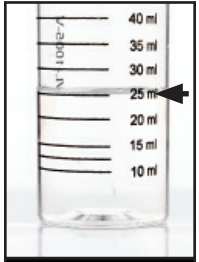
INTERFERENCES: This method is affected by any oxidizable substances in the sample such as organic matter, sulfides, hydrogen sulfide, or any mercaptans. Glycol interacts with the titrant. If present, these substances can lead to positive interferences. Iron and Copper ions can lead to negative interferences.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

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

EndPoint ID® Test Procedure

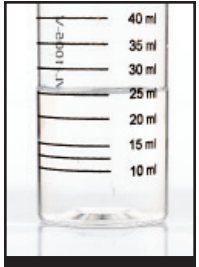
Nitrite Test Kit **TK3310-Z**

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



STEP 1

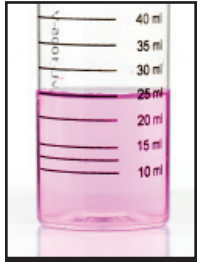
2 Using a 2 g scoop, **add 1 scoop of Acid Sulfate Crystals** (SB1685). Swirl to dissolve.



STEP 2

3 Using a dropper, **add Potassium Permanganate Reagent** (PP1404) 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.

drops x 50 = ppm as $NaNO_2$



STEP 3