Nitrite Test Kit

1 drop = 50 ppm as $NaNO_2$ / 5 mL

TK3300-Z

green caps

KIT COMPONENTS:

ND2270	Nitrite Titrant
FE3144	Ferroin Indicator
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: This method is affected by any oxidizable substances in the sample such as Organic Matter, Sulfides, Hydrogen Sulfide, or any Mercaptans. 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.

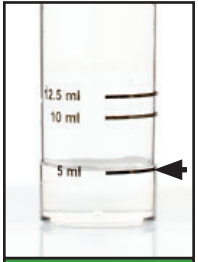
Video Procedure

EndPoint ID® Test Procedure

Nitrite Test Kit TK3300-Z

1 Rinse vial three times with sample to be tested. **Fill vial to 5 mL.**

Dilute to 10 mL with DI water if necessary.



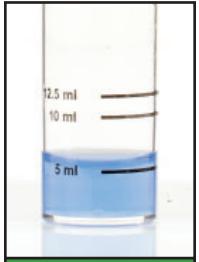
STEP 1

2 **Add 8 drops of Ferroin Indicator** (FE3144) and swirl to mix. The sample should turn orange.


STEP 2

3 **Add Nitrite Titrant** (ND2270) one drop at a time while swirling. Count the number of drops until the sample color changes from orange to blue.

drops x 50 = ppm as $NaNO_2$



STEP 3

To convert Sodium Nitrite ($NaNO_2$) to Nitrite (NO_2): Multiply results by 0.67.

To convert Nitrite (NO_2) to Sodium Nitrite ($NaNO_2$): Multiply results by 1.5.