Hydrogen Peroxide Test Kit

1 drop = 50 ppm as H_2O_2 / 10 mL

TK3340-Z

green caps

KIT COMPONENTS:

ND7505-B	Peroxide Titrant, 60 mL
FE3144-A	Ferroin Indicator, 30 mL
SY-2010-P	Syringe, 10 mL
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, and mercaptans. If present, these substances will interfere by reacting with the titrant, yielding an erroneously high Hydrogen Peroxide concentration. Iron and Lead ions can cause precipitation. Cupric and Ferrous ions cause low results.

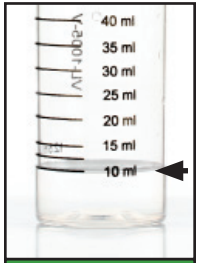
ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

EndPoint ID® Test Procedure

Video Procedure

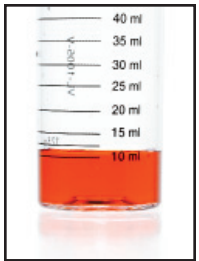
Hydrogen Peroxide Test Kit TK3340-Z

1 Rinse vial three times with sample to be tested. **Fill vial to 10 mL.**



STEP 1

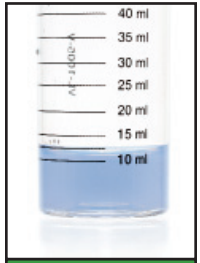
2 **Add 8 drops of Ferroin Indicator** (FE3144) and swirl to mix. The sample should turn orange.



STEP 2

3 **Add Peroxide Titrant** (ND7505) one drop at a time while swirling. Count the number of drops until the sample color changes from orange to blue – blue / green.

drops x 50 = ppm as H_2O_2



STEP 3

Hydrogen Peroxide (HR) Test Kit

1 drop = 500 ppm as H_2O_2 / 1 mL

TK3340-Z
green caps

KIT COMPONENTS:

ND7505-B	Peroxide Titrant, 60 mL
FE3144-A	Ferroin Indicator, 30 mL
SY-2010-P	Syringe, 10 mL
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, and mercaptans. If present, these substances will interfere by reacting with the titrant, yielding an erroneously high Hydrogen Peroxide concentration. Iron and Lead ions can cause precipitation. Cupric and Ferrous ions cause low results.

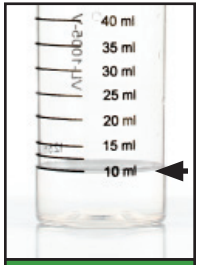
ATTENTION: As necessary, calibrate this kit against a known standard made with plant / make-up water. Be sure to collect a representative sample.

Video Procedure

EndPoint ID® Test Procedure

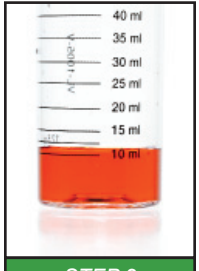
Hydrogen Peroxide (HR) Test Kit TK3340-Z

1 Rinse vial three times with sample to be tested. Use the syringe to **collect 1 mL sample and add to the vial.** Then, **fill vial to 10 mL** with water.



STEP 1

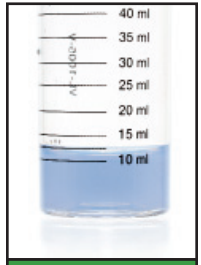
2 **Add 8 drops of Ferroin Indicator** (FE3144) and swirl to mix. The sample should turn orange.



STEP 2

3 **Add Peroxide Titrant** (ND7505) one drop at a time while swirling. Count the number of drops until the sample color changes from orange to blue – blue / green.

drops x 500 = ppm as H_2O_2



STEP 3