Hydrogen Peroxide Test Kit

1 drop = 1 ppm as H_2O_2 / 25 mL

TK4342-Z

orange caps

KIT COMPONENTS:

SA1940-A	Sulfuric Acid 50%, 30 mL
PI1450-B	Potassium Iodide 50%, 60 mL
ST5010-B	Starch Indicator Solution 1.0%, 60 mL
ST2705-B	Sodium Thiosulfate 0.0365N, 60 mL
AM7965-B	Ammonium Molybdate 4%, 60 mL
SY-2003-P	Syringe, 3 mL
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: All oxidizable substances such as Organic Matter, Sulfides and Nitrites, are positive interferences. Metals, namely Copper, can stop or slow the chemical reaction.

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

Hydrogen Peroxide Test Kit TK4342-Z

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

2 Put the orifice reducer into **Ammonium Molybdate 4%** (AM7965) and insert the 3 mL syringe through the orifice. Hold the bottle upside down and plunge a few times to remove air bubbles from the syringe. **Fill the syringe with 2 mL of Ammonium Molybdate 4%** (AM7965). **Add 2 mL of Ammonium Molybdate 4%** (AM7965) to the vial and swirl to mix.

3 **Add 10 drops of Potassium Iodide 50%** (PI1450) and swirl to mix.

STEP 1

STEP 4

4 **Add 10 drops of Starch Indicator Solution 1.0%** (ST5010) and swirl to mix.

5 **Add 3 drops of Sulfuric Acid 50%** (SA1940) and swirl to mix. The sample will turn a blue-black color.

6 **Add Sodium Thiosulfate 0.0365N** (ST2705) one drop at a time while swirling. Count the number of drops until the sample color returns to its original color. A yellow tint may remain.

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STEP 5

STEP 6