## **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

**INTERFERENCES:** All oxidizable substances such as Organic Matter, Sulfides and Nitrites, are positive interferences. Metals, namely Copper, can stop or slow the chemical reaction.







Use Eye



**TESTING** TIPS:





Hold Bottles Vertically



Proper Lighting

Vial, 5-25 mL

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



VL-0525-V

- Rinse vial three times with sample to be tested. **Fill vial to 25 mL.**
- 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 swirt to mix.
- 3 Add 10 drops of Potassium lodide 50% (PI1450) and swirl to mix.



STEP 1

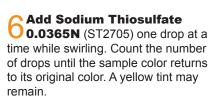


Add 10 drops of Starch Indicator Solution 1.0% (ST5010) and swirl to mix.

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



STEP 5



1 drop = 1 ppm as  $H_2O_2$ 

