Peracetic Acid Test Kit

1 drop = 150 ppm / 10 mL

TK7505-Z

purple caps

KIT COMPONENTS:

SA7940-A	Sulfuric Acid 50%, 30 mL
PI7450-B	Potassium Iodide, 60 mL
ST7010-B	Starch Indicator, 60 mL
ST9965-B	Sodium Thiosulfate 1.0N, 60 mL
SY-2012-P	Syringe, 12 mL
VL-1005-V	Vial, 10-50 mL

INTERFERENCES: All oxidizers, including Chlorine, are positive interferences for this test. Interferences include, a pH over 8, Total Hardness over 1000 ppm, Sulfate over 1000 ppm, Total Alkalinity over 150 ppm, any concentration of Nitrite, Nitrate over 200 ppm, Silica Dioxide over 50 ppm, Copper over 10 ppm, any concentration of Ferrous Iron (Fe2+), and Ferric Iron (Fe3+) over 5 ppm.

SAFETY TIPS:


Wear Gloves


Use Eye Protection

Read SDS

TESTING TIPS:


Collect Accurate Sample


Hold Bottles Vertically


Ensure Proper Lighting

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

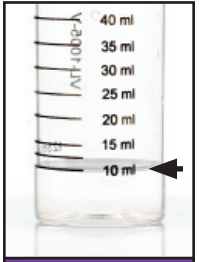
It is important that each reagent be added and then mixed well for at least 5 seconds before the addition of the subsequent reagent.

EndPoint ID® Test Procedure

Peracetic Acid Test Kit TK7505-Z

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

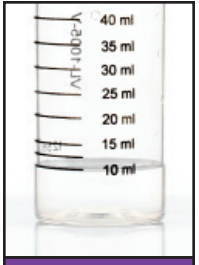
Note: It is important that each reagent be added and then mixed well for at least 5 seconds before the addition of the subsequent reagent.



STEP 1

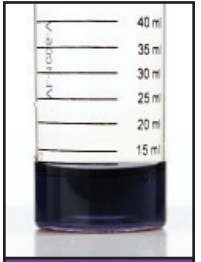
2 **Add 10 drops of Sulfuric Acid 50%** (SA7940) and swirl 5 seconds to mix.

3 **Add 1 drop of Potassium Iodide** (PI7450) and swirl 5 seconds to mix.



STEP 2

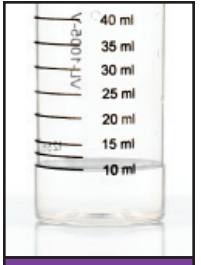
4 **Add 5 drops of Starch Indicator** (ST7010) and swirl 5 seconds to mix. The sample will turn blue-black.



STEP 4

5 **Add Sodium Thiosulfate 1.0N** (ST9965) one drop at a time while swirling. Count the number of drops until the sample color changes from blue-black to clear that persists for 10 seconds.

drops x 150 = ppm Peracetic Acid



STEP 5