Peracetic Acid Test Kit

1 drop = 5 ppm active PAA / 5 mL

TK2501-Z

purple caps

KIT COMPONENTS:

PI1411-B	Potassium Iodide 10%, 60 mL
PH7500-B	Phosphoric Acid 40%, 60 mL
AM1965-B	Ammonium Molybdate 4%, 60 mL
ST5091-B	Starch Indicator Solution 0.5%, 60 mL
ST8820-B	Sodium Thiosulfate 0.1N, 60 mL
SY-2005-P	Syringe, 5 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: 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.

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 **TK2501-Z**

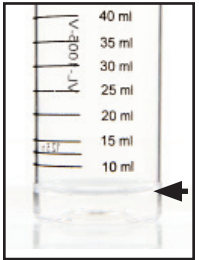
1 Using the Syringe, **place 5 mL of sample into the vial.**

2 **Add 5 drops of Phosphoric Acid 40%** (PH7500) and swirl 5 seconds to mix.

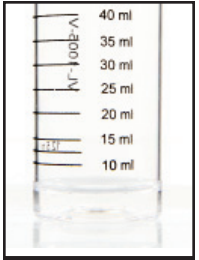
3 **Add 5 drops of Potassium Iodide 10%** (PI1411) and swirl 5 seconds to mix.

4 **Add 5 drops of Ammonium Molybdate** (AM1965) and swirl 5 seconds to mix. Wait 15 seconds.

5 **Add 5 drops of Starch Indicator 0.5%** (ST5091) one drop at a time while swirling. Sample should turn a dark color.



STEP 1



STEP 4

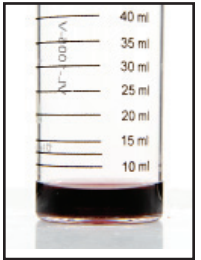
6 **Add Sodium Thiosulfate 0.1N** (ST8820) one drop at a time while swirling. Count the number of drops until the sample color changes from blue-black to clear that persists for at LEAST 10 seconds.

# of drops x 5 = active ppm Peracetic Acid

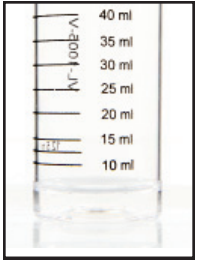
If higher levels of peracetic acid are evident use 3 mL of test solution using the syringe provided.

Each drop of (ST8820) now becomes 8.3 ppm per drop.

KEEP SOLUTION OUT OF SUNLIGHT



STEP 5



STEP 6