

Acidified Sodium Chlorite Test Kit

TK4550-Z
white caps

KIT COMPONENTS:

PI1410-B	Potassium Iodide 10%, 60 mL
CA3002-B	Citric Acid Reagent, 60 mL
ST5005-B	Starch Indicator Solution 0.5%, 60 mL
ST2774-B	Sodium Thiosulfate Solution, 60 mL
SY-2012-P	Syringe, 12 mL
VL-0525-V	Vial, 5-25 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.

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.



Video Procedure



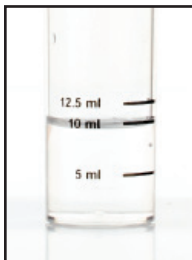
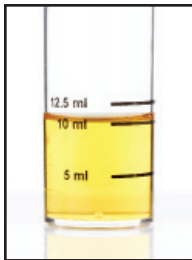
1 Rinse vial three times with sample to be tested. DO NOT ADD THE SAMPLE to the vial. **Add 10 drops of Potassium Iodide 10%** (PI1410) to the vial.

2 **Add 10 drops of Citric Acid** (CA3002) and swirl to mix.

3 Select sample size for drop equivalency.

1 mL sample 1 drop = 5 ppm
5 mL sample 1 drop = 1 ppm

4 **Add sample to the vial** using the syringe and swirl to mix. The solution will turn yellow if Sodium Chlorite is present.

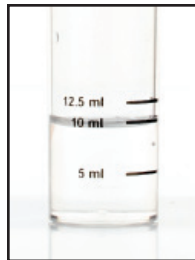
**STEP 3****STEP 4**

5 **Add 2 drops of Starch Indicator Solution 0.5%** (ST5005) one drop at a time while swirling. Sample should turn blue-black.

**STEP 5**

6 **Add Sodium Thiosulfate Solution** (ST2774) one drop at a time while swirling. Count the number of drops until the sample just turns from blue-black to colorless.

Multiply number of drops by chosen equivalency.

**STEP 6**