Chlorine Dioxide Test Kit

TK1181-Z
green caps

KIT COMPONENTS:

PI1410-A	Potassium Iodide 10%, 30 mL
CA3002-A	Citric Acid Reagent, 30 mL
ST5005-A	Starch Indicator Solution 0.5%, 30 mL
ST2776-A	Sodium Thiosulfate Titrant High, 30 mL
SY-2005-P	Syringe, 5 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.

Video Procedure

Distributed by:
NELSON JAMESON INC.
800-826-8302 nelsonjameson.com

EndPoint ID® Test Procedure

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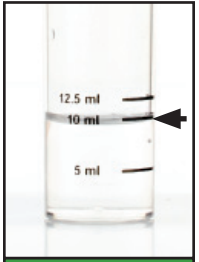
1 **Add 10 drops of Potassium Iodide 10%** (PI1410) to the vial.

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

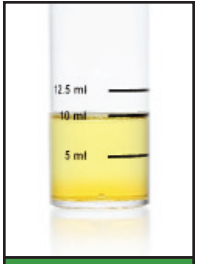
3 Select sample size for drop equivalency.

1 mL sample	1 drop = 500 ppm ClO_2
5 mL sample	1 drop = 100 ppm ClO_2
10 mL sample	1 drop = 50 ppm ClO_2

4 **Use the syringe to add desired sample** to the vial. Swirl to mix. A yellow color indicates available ClO_2.



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.

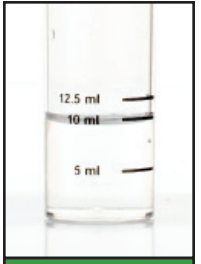
6 **Add Sodium Thiosulfate Titrant High** (ST2776) one drop at a time while swirling. Count the number of drops until the sample just turns from blue-black to colorless.

1 mL Sample:
drops x 500 = ppm ClO_2

5 mL Sample:
drops x 100 = ppm ClO_2

10 mL Sample:
drops x 50 = ppm ClO_2

STEP 5



STEP 6