Free Chlorine Test Kit

1 drop = 0.2 or 0.5 ppm

TK2735-Z

white caps

KIT COMPONENTS:

DP6300-H	DPD Powder, 10g
FE3220-B	Ferrous Ammonium Sulfate, 60 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: Chlorine levels above 25ppm can cause false negative; either add more DPD powder or dilute sample to generate pink color. Oxidized Manganese and halogens like Bromine cause positive interference. Acidity or Alkalinity above 250ppm can cause full color not to develop; neutralize to pH 6-7.

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

EndPoint ID® Test Procedure

Free Chlorine Test Kit **TK2735-Z**

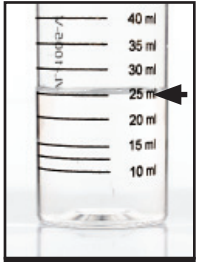
1 Rinse the vial with the water to be tested. **Select a sample size** based on the desired drop equivalency.

For Chlorine:

1 drop = 0.2 ppm 25 ml sample
1 drop = 0.5 ppm 10 ml sample

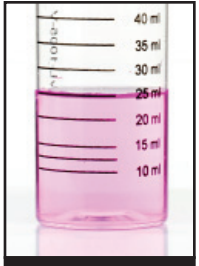
For Bromine:

1 drop = 0.45 ppm 25 ml sample
1 drop = 1.12 ppm 10 ml sample



STEP 1

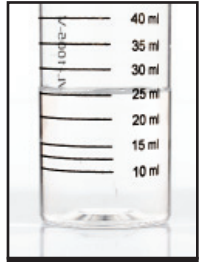
2 **Add 2 scoops of DPD Powder** (DP6300) and swirl until dissolved. The sample will turn pink if any free halogen is present. If pink color disappears, add DPD Powder until color turns pink.



STEP 2

3 **Add Ferrous Ammonium Sulfate** (FE3220) one drop at a time while swirling. Count the number of drops until the color changes from pink to colorless. Multiply the number of drops by the sample factor. Record results as Free Chlorine.

If product is Bromine, record results as Bromine.



STEP 3