

DROP TEST
CHLORINE DIOXIDE (1 drop = 0.2 ppm)

COMPONENTS:

2 x 4030	Pipet, Calibrated (0.5 & 1.0 mL) w/ cap, plastic
1 x 5001	Instruction
1 x 9198	Sample Tube, Graduated (25 mL) w/ cap, plastic
1 x R-0813-C	Glycine Solution, 2 oz
1 x R-0814-C	EDTA Solution, 2 oz
1 x R-0815-C	FAS Titrating Solution, 2 oz, DB
1 x R-0870-I	DPD Powder, 10 g

TO ORDER REPLACEMENT PARTS AND REAGENTS CALL TOLL-FREE
800-TEST KIT (800-837-8548).

PROCEDURE:

CAREFULLY READ AND FOLLOW PRECAUTIONS ON REAGENT LABELS.
KEEP REAGENTS AWAY FROM CHILDREN.

NOTE: When dispensing reagents from dropper bottles, **always** hold bottle in a vertical position.

Chlorine Dioxide Test

1. Rinse and fill 25 mL sample tube (#9198) to 25 mL mark with water to be tested.
2. Using a 1.0 mL pipet (#4030), add 1.0 mL R-0813 Glycine Solution. Swirl to mix.
3. Add 1 dipper R-0870 DPD Powder. Swirl until dissolved. Sample will turn pink if chlorine dioxide is present.
4. Using a separate 1.0 mL pipet, add 1.0 mL R-0814 EDTA Solution. Swirl to mix.

Instr. #5001

5. Add R-0815 FAS Titrating Solution dropwise, swirling and counting after each drop, until color changes from pink to colorless.

NOTE: Disregard any reappearance of pink color.

6. Multiply drops of R-0815 FAS Titrating Solution by 0.2. Record as parts per million (ppm) chlorine dioxide (ClO₂).



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