

DROP TEST
IODINE (1 drop = 5 ppm)

COMPONENTS:

1 x 4026	Dipper Spoon, 2 g, plastic, white
1 x 5308	Instruction
1 x 9188	Sample Tube, Graduated (50 mL) w/ cap, plastic
1 x R-0725-I	Acid Starch Indicator Powder, 10 g
1 x R-0765-II	Potassium Iodide Crystals, 50 g
1 x R-0789-C	Thiosulfate Reagent, 2 oz, DB

**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.

Iodine Test

1. Rinse and fill 50 mL sample tube (#9188) to 50 mL mark with water to be tested.
2. Using 2 g dipper spoon (#4026), add 1 dipper R-0765 Potassium Iodide Crystals. Swirl until dissolved.
3. Add 2 dippers R-0725 Acid Starch Indicator Powder. Swirl until dissolved. Sample will turn blue.

Instr. #5308

4. Add R-0789 Thiosulfate Reagent dropwise, swirling and counting after each drop, until color changes from blue to colorless.
5. Multiply drops of R-0789 Thiosulfate Reagent by 5. Record as parts per million (ppm) iodine (I_2).



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