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## Instructions

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### Instruction Number: 5079

DROP TEST  
M ALKALINITY (1 drop = 10 ppm)

#### COMPONENTS:

1 x 5079	Instruction
1 x 9198G	Sample Tube, Graduated, 25 mL, plastic w/cap and green dot
1 x R-0637-C	Methyl Orange Indicator, 2 oz, DB
1 x R-0724-C	Hydrochloric Acid .12N, 2 oz, DB

TO ORDER REPLACEMENT PARTS AND REAGENTS CALL TOLL-FREE  
877-7WATER6 (877-792-8376) or [email us](#) with your requirements.

#### PROCEDURE:

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

1. Rinse and fill 25 mL sample tube (#9198G) to 25 mL  
mark with water to be tested.

NOTE: For results in grains per gallon (gpg), fill  
to 14.6 mL mark.

2. Add 3 drops R-0637 Methyl Orange Indicator. Swirl  
to mix. Sample should turn yellow.
3. Add R-0724 Hydrochloric Acid .12N dropwise, swirling  
and counting after each drop, until color changes from  
yellow to orange (salmon pink). Always hold bottle in  
vertical position.
4. Multiply drops of R-0724 Hydrochloric Acid .12N by 10.  
Record as parts per million (ppm) M alkalinity as  
calcium carbonate.

NOTE: For 14.6 mL sample, record drops of R-0724  
Hydrochloric Acid .12N as grains per gallon (gpg) M  
alkalinity as calcium carbonate.