

# Richard hourigan, inc.

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## Instructions

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### Instruction Number: 5154

SLIDE COMPARATOR TEST  
OT CHLORINE (0-50 ppm)

#### SLIDE:

9087 (0, 0.1, 0.3, 0.5, 5, 10, 15, 25, 50 ppm)

#### REAGENTS:

R-0604 Chlorine Reagent #2\*  
R-0616 Hydrochloric Acid Conc.\*\*

#### APPARATUS:

3 x 3243 Caps, Test Cell 11.5 mL, plastic  
3 x 4024 Test Cells, Calibrated 11.5 mL, plastic  
1 x 4029 Pipet, Calibrated 0.5 & 1.0 mL, plastic  
1 x 4030 Pipet, Calibrated 0.5 & 1.0 mL, plastic w/cap  
1 x 5154 Instruction  
1 x 6002 Brush, Cell Cleaner  
1 x 9189 Base, Enslow (for test cells)

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 three 11.5 mL test cells (#4024) to 11.5 mL mark with water to be tested.
2. Wipe dry and place in three center slots of comparator base (#9189) WITH FROSTED SIDE FACING OPERATOR.
3. Using a 1.0 mL pipet (#4029), add 0.5 mL R-0616 Hydrochloric Acid Conc.\*\* to center test cell. Cap and mix.
4. Using a separate 1.0 mL pipet (#4030), add 0.5 mL R-0604 Chlorine Reagent #2\*. Cap and mix.
5. Wipe dry and place in center slot of comparator base.
6. Place Slide on comparator base. Match color in center test

cell with a color standard. The Slide is in proper alignment for a color match when a white line on the Slide is directly above the white line on the comparator base. Record as parts per million (ppm) chlorine.

NOTE: If sample color matches or is deeper than highest color standard: Use a chlorine Slide with a higher range.

\*WARNING: Chlorine Reagent #2 (R-0604) contains 0.7% orthotolidine, a suspected carcinogen, and 2.2% hydrochloric acid, an irritant acid.

\*\*WARNING: Hydrochloric Acid Conc. (R-0616) contains 37% hydrochloric acid, a corrosive acid.