## CHLORINE TEST KIT
### DROP COUNT METHOD

**MODEL PCT-DC • CODE 4497P**

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>CONTENTS</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 mL</td>
<td>*Chlorine Reagent #1</td>
<td><strong>4498WT-H</strong></td>
</tr>
<tr>
<td>60 mL</td>
<td>*Chlorine Reagent #2</td>
<td><strong>4499WT-H</strong></td>
</tr>
<tr>
<td>60 mL</td>
<td>*Chlorine Reagent #3</td>
<td><strong>4500WT-H</strong></td>
</tr>
<tr>
<td>1</td>
<td>Test Tube</td>
<td>0711</td>
</tr>
</tbody>
</table>

*WARNING:* Reagents marked with a * are considered to be potential health hazards. To view or print a Material Safety Data Sheet (MSDS) for these reagents see MSDS CD or www.lamotte.com. To obtain a printed copy, contact LaMotte by e-mail, phone or fax..

To order individual reagents or test kit components, use the specified code number.

**PROCEDURE**

1. Fill test tube (0711) to the 8.3 line with sample water.
2. Add 10 drops of *Chlorine Reagent #1 (4498WT).
3. Add 10 drops of *Chlorine Reagent #2 (4499WT). Swirl to mix. Solution will turn a green or brown color.
4. Add *Chlorine Reagent #3 (4500) one drop at a time, until green or brown color disappears. Record the number of drops added. Hold bottle vertically.
5. Multiply the number of drops used in Step 4 by 10. Record as ppm Chlorine.

\[
\text{Number of Drops} \times 10 = \text{ppm Chlorine}
\]

**LaMOTTE COMPANY**

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<td>*Chlorine Reagent #2</td>
<td>*4499WT-H</td>
</tr>
<tr>
<td>60 mL</td>
<td>*Chlorine Reagent #3</td>
<td>*4500PA-H</td>
</tr>
<tr>
<td>1</td>
<td>Test Tube, 5-10-15-20-25 mL, plastic, w/cap</td>
<td>0715</td>
</tr>
</tbody>
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PROCEDURE

1. Fill test tube (0715) to the 10 mL line with sample water.
2. Add 10 drops of *Chlorine Reagent #1 (4498WT).
3. Add 10 drops of *Chlorine Reagent #2 (4499WT). Swirl to mix. Solution will turn a green or brown color.
4. Fill pipet with *Chlorine Reagent #3 (4500PA). While gently swirling tube, add *Chlorine Reagent #3 (4500PA), one drop at a time, until green or brown color disappears. Record the number of drops added. Hold pipet vertically.
5. Multiply the number of drops used in Step 4 by 10. Record as ppm Chlorine.

Number of Drops x 10 = ppm Chlorine

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