NITRITE IN WATER TEST KIT
MODEL PRI-DC • CODE 7101

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<th>QUANTITY</th>
<th>CONTENTS</th>
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<tr>
<td>30 g</td>
<td>*Nitrite Reagent #1 Powder</td>
<td>*7102-G</td>
</tr>
<tr>
<td>60 mL</td>
<td>Nitrite Reagent #2</td>
<td>7103PS-H</td>
</tr>
<tr>
<td>1</td>
<td>Spoon, 0.5 g, plastic</td>
<td>0698</td>
</tr>
<tr>
<td>1</td>
<td>Pipet, plain, glass</td>
<td>0342</td>
</tr>
<tr>
<td>1</td>
<td>Test Tube, 2.5-5-10-15-20 mL, glass, w/cap</td>
<td>0970-S</td>
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</table>

*WARNING:* Reagents marked with an * are considered to be potential health hazards. To view or print a Material Safety Data Sheet (MSDS) for these reagents go to 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 (0970-S) to the desired line (either 5 mL or 10 mL) with sample water.
   - **5 mL sample:** 1 drop = 100 ppm Sodium Nitrite
   - **10 mL sample:** 1 drop = 50 ppm Sodium Nitrite

2. Use the 0.5 g spoon (0698) to add one level measure of Nitrite Reagent #1 Powder (7102). Cap and mix until dissolved.

3. Fill the pipet (0342) with Nitrite Reagent #2 (7103PS). While gently swirling tube, add Nitrite Reagent #2, one drop at a time, until solution turns pink and remains for 30 seconds. Count the number of drops added. Hold pipet vertically.

4. Multiply the number of drops used in Step 3 by the appropriate factor (depending on sample size). Record as parts per million (ppm) Sodium Nitrite (NaNO₂).
   - **5 mL sample:** Number of drops x 100 = ppm NaNO₂
   - **10 mL sample:** Number of drops x 50 = ppm NaNO₂

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