**NI TRITE IN WATER TEST KIT**

**MODEL PRI-DC**  
**CODE 7101**

**QUANTITY**  
**CONTENTS**  
**CODE**

<table>
<thead>
<tr>
<th>30 g</th>
<th>*Nitrite Reagent #1 Powder</th>
<th>*7102-G</th>
</tr>
</thead>
<tbody>
<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, 5 &amp; 10 mL, glass, w/cap</td>
<td>0295</td>
</tr>
</tbody>
</table>

**WARNING:** Reagents marked with a * are considered hazardous substances. Material Safety Data Sheets (MSDS) are supplied for these reagents. For your safety, read label and accompanying MSDS before using.

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

**PROCEDURE**

**NOTE:** If a 5 mL sample size is used in Step 1, then each drop of Nitrite Reagent #2 (7103) added in Step 3 represents 100 ppm Sodium Nitrite (NaNO₂). When the 10 mL sample size is used, each drop of Nitrite Reagent #2 represents 50 ppm Sodium Nitrite.

1. Fill test tube (0295) to the desired mark (either 5 mL or 10 mL) with sample water.
2. Use the 0.5g spoon (0698) to add one level measure of Nitrite Reagent #1 Powder (7102). Cap and shake 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, which 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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