# PHENOLS IN WATER TEST KIT

**MODEL P-52-R • CODE 7824**

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>CONTENTS</th>
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<tbody>
<tr>
<td>5 g</td>
<td>Aminoantipyrine Reagent</td>
<td>7825-C</td>
</tr>
<tr>
<td>30 mL</td>
<td>*Ammonium Hydroxide Solution</td>
<td>*7826-G</td>
</tr>
<tr>
<td>2 x 60 mL</td>
<td>*Potassium Ferricyanide Solution</td>
<td>*7827-H</td>
</tr>
<tr>
<td>1</td>
<td>Spoon, 0.1 g</td>
<td>0699</td>
</tr>
<tr>
<td>1</td>
<td>Pipet, plain, plastic</td>
<td>0352</td>
</tr>
<tr>
<td>1</td>
<td>Pipet, 1.0 mL, plastic</td>
<td>0354</td>
</tr>
<tr>
<td>4</td>
<td>Test Tubes, 10 mL, w/cap</td>
<td>0843</td>
</tr>
<tr>
<td>1</td>
<td>Axial Reader</td>
<td>2071</td>
</tr>
<tr>
<td>1</td>
<td>Distilled Water Ampoule, 5 mL</td>
<td>2748</td>
</tr>
<tr>
<td>1</td>
<td>Phenols Comparator, 0.1-1.0 ppm</td>
<td>6857</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 email, phone or fax.

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

Read the LaMotte Axial Reader Manual before proceeding.
**PROCEDURE**

1. Fill three test tubes (0843) to the line with the sample water. Two tubes will be used as blanks for the Axial Reader. The third tube is the test sample.

2. Add 0.1 g spoon of Aminoantipyrine Reagent (7825) to the test sample. Cap and mix.

3. Using the unmarked pipet (0352) add 4 drops of *Ammonium Hydroxide Solution (7826) to the test sample. Cap and mix.

4. Using the 1 mL pipet (0354) add 2 mL (2 droppers full) of the *Potassium Ferricyanide Solution (7827) to the test sample. Cap and mix. If phenols are present, the sample will develop a reddish color.

5. Wait 2 minutes.

6. Insert test tube into the Phenol Comparator (6857) with the Axial Reader (2071). Record as ppm Phenols.