Pharmacy

<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Route</th>
<th>Dosage Form</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folic Acid</td>
<td>Oral</td>
<td>Solution</td>
<td>50mcg/mL</td>
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</tbody>
</table>

**Formula Qty:** 100mL  
**Shelf Life:** 30 days

**Equipment needed:**
1ml syringe/needle, graduated cylinder, stirring rod

**Auxiliary labeling/Storage:** Room Temperature Only

**Directions:**
1. Mix folic acid injection with 90mL of purified water, USP in graduated cylinder.
2. Adjust pH to 8-8.5 with 0.1N Sodium Hydroxide. Verify with pH test strip.
3. QS to final volume with water.

**Sodium Hydroxide 0.1N:** Weigh out 4 grams of sodium hydroxide powder or pellets and QS in a graduated cylinder to 1 Liter with distilled water.

**Final Product Description:** Pale yellow solution with no discernible scent
*This description is for exact products and manufacturers specified below and may vary with substitutions.*

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folic Acid Injection 5mg/mL</td>
<td></td>
<td>1</td>
<td>mL</td>
</tr>
<tr>
<td>Sodium Hydroxide 0.1N</td>
<td>2.8</td>
<td>mL</td>
<td></td>
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<tr>
<td>Purified Water USP</td>
<td>X</td>
<td>100</td>
<td>mL</td>
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</tbody>
</table>

**Citations/References**


Reviewed: 7/13/2010 JEB

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