**Drug name:** Folic Acid  
**Concentration:** 1 mg/mL  
**Route:** Oral  
**Volume:** 100 mL

**Dosage Form:** Solution  
**Shelf Life:** 30 days  
**Storage:** Room Temp  
**Auxiliary Labeling:** Shake well

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folic Acid 1 mg tablets</td>
<td></td>
<td>100</td>
<td>tabs</td>
</tr>
<tr>
<td>Methylparaben 200 mg</td>
<td></td>
<td>200</td>
<td>mg</td>
</tr>
<tr>
<td>Propylparaben 20 mg</td>
<td></td>
<td>20</td>
<td>mg</td>
</tr>
<tr>
<td>Sodium hydroxide 10%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purified water</td>
<td>Y</td>
<td>100</td>
<td>mL</td>
</tr>
</tbody>
</table>

**Directions:**
1. Heat 90 mL of purified water almost to boiling
2. Dissolve methylparaben 200 mg and propylparaben 20 mg in the heated water; cool to room temperature
3. Crush one-hundred 1 mg folic acid tablets or equivalent of 100 mg folic acid powder
4. Dissolve folic acid in solution
5. Adjust pH to 8-8.5 with sodium hydroxide 10%
6. Add sufficient quantity of purified water to make 100 mL, mix well.

**References:**
Intern J Pharm Compounding. 2007;11(3): 244.

Reviewed: October 2013; SC/ME

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