### Sodium Chloride Solution Preparation

**Drug Name:** Sodium Chloride  
**Route:** Oral  
**Dosage Form:** Solution  
**Concentration:** 2.5 mEq/mL (146mg/mL)

**Formula Qty:** 1000mL  
**Shelf Life:** 30 days

**Equipment needed:**  
Scale, graduated cylinder, amber light-resistant container

**Auxiliary Labels/Storage:** Refrigerate

**Directions:**
1. Weigh sodium chloride powder and transfer to a graduate.  
2. QS to final volume with distilled water.

**Note:** Sodium chloride tablets (Lilly®) can be used instead of sodium chloride powder. Tablets should be crushed and triturated well in order for them to dissolve.

**Ingredients**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>QS</th>
<th>Quantity</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Chloride powder, USP</td>
<td>146</td>
<td>Gram</td>
<td></td>
</tr>
<tr>
<td>Distilled Water</td>
<td>X</td>
<td>1000</td>
<td>mL</td>
</tr>
</tbody>
</table>

**Citations/References**

Nationwide Children’s Hospital Department of Pharmacy Experience.  
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