108: ACIDIPHILIUM ACIDOPHILUM MEDIUM

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(NH₄)₂SO₄</td>
<td>3.00 g</td>
</tr>
<tr>
<td>KH₂PO₄</td>
<td>0.50 g</td>
</tr>
<tr>
<td>MgSO₄ x 7 H₂O</td>
<td>1.00 g</td>
</tr>
<tr>
<td>KCl</td>
<td>0.10 g</td>
</tr>
<tr>
<td>Ca(NO₃)₂ x 4 H₂O</td>
<td>18.00 mg</td>
</tr>
<tr>
<td>FeSO₄ x 7 H₂O (0.1% w/v in 0.1 N H₂SO₄)</td>
<td>0.01 ml</td>
</tr>
<tr>
<td>Agar, for solid medium (optional)</td>
<td>15.00 g</td>
</tr>
<tr>
<td>D-Glucose</td>
<td>10.00 g</td>
</tr>
<tr>
<td>Distilled water</td>
<td>1000.00 ml</td>
</tr>
</tbody>
</table>

In liquid medium, the pH should be adjusted to 3.5 with H₂SO₄. In solid medium, the pH should be adjusted to 4.5 with H₂SO₄ after autoclaving the medium. Sterilize the glucose separately and add to the sterile medium.