### 378. ARTHROBACTER MEDIUM

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>K$_2$HPO$_4$</td>
<td>1.770</td>
<td>g</td>
</tr>
<tr>
<td>KH$_2$PO$_4$</td>
<td>0.680</td>
<td>g</td>
</tr>
<tr>
<td>NaCl</td>
<td>0.140</td>
<td>g</td>
</tr>
<tr>
<td>CaCl$_2$</td>
<td>0.132</td>
<td>g</td>
</tr>
<tr>
<td>MgSO$_4$ x 7 H$_2$O</td>
<td>0.200</td>
<td>g</td>
</tr>
<tr>
<td>Mannitol</td>
<td>10.000</td>
<td>g</td>
</tr>
<tr>
<td>Yeast extract</td>
<td>0.080</td>
<td>g</td>
</tr>
<tr>
<td>FeSO$_4$ x 7 H$_2$O</td>
<td>2.500</td>
<td>mg</td>
</tr>
<tr>
<td>H$_3$BO$_3$</td>
<td>2.900</td>
<td>mg</td>
</tr>
<tr>
<td>CoSO$_4$ x 7 H$_2$O</td>
<td>1.200</td>
<td>mg</td>
</tr>
<tr>
<td>CuSO$_4$ x 5 H$_2$O</td>
<td>0.100</td>
<td>mg</td>
</tr>
<tr>
<td>MnCl$_2$ x 4 H$_2$O</td>
<td>0.090</td>
<td>mg</td>
</tr>
<tr>
<td>Na$_2$MoO$_4$ x 2 H$_2$O</td>
<td>2.500</td>
<td>mg</td>
</tr>
<tr>
<td>ZnSO$_4$ x 7 H$_2$O</td>
<td>1.200</td>
<td>mg</td>
</tr>
<tr>
<td>Distilled water</td>
<td>1000.000</td>
<td>ml</td>
</tr>
</tbody>
</table>

Adjust pH to 7.0. Incubate under 5% O$_2$ + 95% N$_2$. 