### 371. NATRONOBACTERIA MEDIUM

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Amount</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>KH$_2$PO$_4$</td>
<td>1.00</td>
<td>g</td>
</tr>
<tr>
<td>KCl</td>
<td>1.00</td>
<td>g</td>
</tr>
<tr>
<td>NH$_4$Cl</td>
<td>1.00</td>
<td>g</td>
</tr>
<tr>
<td>MgSO$_4$ x 7 H$_2$O</td>
<td>0.24</td>
<td>g</td>
</tr>
<tr>
<td>CaSO$_4$ x 2 H$_2$O</td>
<td>0.17</td>
<td>g</td>
</tr>
<tr>
<td>Trace element solution SL-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(see medium 320)</td>
<td>1.00</td>
<td>ml</td>
</tr>
<tr>
<td>Agar, if necessary</td>
<td>20.00</td>
<td>g</td>
</tr>
<tr>
<td>NaCl</td>
<td>200.00</td>
<td>g</td>
</tr>
<tr>
<td>Na$_2$-glutamate</td>
<td>1.00</td>
<td>g</td>
</tr>
<tr>
<td>Yeast extract</td>
<td>5.00</td>
<td>g</td>
</tr>
<tr>
<td>Casamino acids</td>
<td>5.00</td>
<td>g</td>
</tr>
<tr>
<td>Na$_2$CO$_3$</td>
<td>5.00</td>
<td>g</td>
</tr>
</tbody>
</table>

Add distilled water to give a final volume of 1000 ml.
Adjust pH to 6.5 before autoclaving!
Sterilize Na$_2$CO$_3$ separate from medium, add after cooling.
Check final pH to be 9.0 - 9.5.
If agar medium is prepared, heat and dissolve agar before adding sodium chloride.