### 623. THERMOCOCCUS LITORALIS MEDIUM

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Amount</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bactopeptone</td>
<td>5.0000</td>
<td>g</td>
</tr>
<tr>
<td>Yeast extract</td>
<td>1.0000</td>
<td>g</td>
</tr>
<tr>
<td>NaCl</td>
<td>19.4500</td>
<td>g</td>
</tr>
<tr>
<td>MgCl₂ x 6 H₂O</td>
<td>12.6000</td>
<td>g</td>
</tr>
<tr>
<td>Na₂SO₄</td>
<td>3.4200</td>
<td>g</td>
</tr>
<tr>
<td>CaCl₂ x 2 H₂O</td>
<td>2.3800</td>
<td>g</td>
</tr>
<tr>
<td>KCl</td>
<td>0.5500</td>
<td>g</td>
</tr>
<tr>
<td>Na₂CO₃</td>
<td>0.6100</td>
<td>g</td>
</tr>
<tr>
<td>KBr</td>
<td>0.0800</td>
<td>g</td>
</tr>
<tr>
<td>SrCl₂ x 6 H₂O</td>
<td>0.0570</td>
<td>g</td>
</tr>
<tr>
<td>Boric acid</td>
<td>0.0220</td>
<td>g</td>
</tr>
<tr>
<td>Na-meta-silicate</td>
<td>0.0040</td>
<td>g</td>
</tr>
<tr>
<td>NaF</td>
<td>0.0024</td>
<td>g</td>
</tr>
<tr>
<td>KNO₃</td>
<td>0.0016</td>
<td>g</td>
</tr>
<tr>
<td>Na₂HPO₄</td>
<td>0.0100</td>
<td>g</td>
</tr>
<tr>
<td>S</td>
<td>10.0000</td>
<td>g</td>
</tr>
<tr>
<td>Resazurin</td>
<td>0.1000</td>
<td>g</td>
</tr>
<tr>
<td>Distilled water</td>
<td>1000.0000</td>
<td>ml</td>
</tr>
</tbody>
</table>

Prepare the medium under 100% N₂ and adjust final pH to 6.5. The medium, containing sulphur, is sterilized by steaming on three consecutive days for 3 h. Reduce the medium with a sterile Na₂S stock solution to give a final concentration of 0.5 g/l.