TAE buffer (1L of 50X)

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<table>
<thead>
<tr>
<th>Component</th>
<th>Amount/Volume</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tris base (121.14 g/mol)</td>
<td>242.5 g</td>
<td>2000 mM</td>
</tr>
<tr>
<td>EDTA (0.5 M)</td>
<td>200 mL of 0.5M EDTA</td>
<td>100 mM</td>
</tr>
<tr>
<td>Acetic acid (17.4 M)</td>
<td>57.45 mL</td>
<td>1000 mM</td>
</tr>
</tbody>
</table>

Adjust to pH 8.5 and dilute to 1x with Milli-Q water before use.