ME Growth Medium

ME Growth Medium is used for the conjugation and sporulation of *Schizosaccharomyces pombe*.

**Composition**: 

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Grams/Litre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malt extract</td>
<td>30.00</td>
</tr>
<tr>
<td>Adenine</td>
<td>0.05</td>
</tr>
<tr>
<td>Histidine</td>
<td>0.05</td>
</tr>
<tr>
<td>Leucine</td>
<td>0.05</td>
</tr>
<tr>
<td>Uracil</td>
<td>0.05</td>
</tr>
</tbody>
</table>

**Formula adjusted, standardized to suit performance parameters**

**Directions**: 

Suspend 30.2 grams in 1000 ml distilled water. Heat to boiling to dissolve the medium completely. Dispense as desired and sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.

**Principle and Interpretation**: 

ME Growth Medium is used for the conjugation and sporulation of *Saccharomyces pombe*.

**Quality Control**: 

**Appearance of Powder**:  
Light yellow coloured, homogeneous, free flowing powder.

**Colour and Clarity**:  
Light yellow coloured, clear solution without any precipitate.

**Cultural Response**:  
Cultural characteristics observed after an incubation at 35-37°C for 18 - 48 hours.

**Organisms (ATCC)**  
*Schizosaccharomyces pombe*  
Growth  
good-luxuriant

Please refer disclaimer Overleaf
Storage and Shelf-life:

Store below 30°C and the prepared medium at 2 - 8°C. Use before expiry date on the label.

References:


Disclaimer:

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