

## ME Growth Medium

G049

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

### Composition\*\* :

Ingredients	Grams/Litre
Malt extract	30.00
Adenine	0.05
Histidine	0.05
Leucine	0.05
Uracil	0.05

\*\* 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

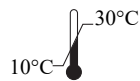
Please refer disclaimer Overleaf

## Storage and Shelf-life :

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

## References :

1. Leupold U. (1950) CR Trav Lab Carlsberg Ser Physiol 24:381-480.
2. Leupold U. (1993) The origins of *Schizosaccharomyces pombe* genetics. In: Hall MN, Linder P. eds. The early Days of Yeast Genetics. New York. Cold Spring Harbor Laboratory Press. 125-128.
3. Mitchinson JM. (1975) Exp Cell Res 13:244-262.
4. Mitchinson JM. (1990) Bioessays 4:189-191.



Storage temperature



Do not use if package is damaged



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