

# **Technical Information**

#### **ME Growth Medium**

#### Product Code: G1049

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

<sup>\*\*</sup> Formula adjusted, standardized to suit performance parameters

### Methodology

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.

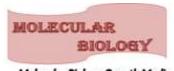
Organisms (ATCC)GrowthSchizosaccharomyces pombegood-luxuriant

## 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.



### Molecular Biology Growth Media

## Disclaimer:

- User must ensure suitability of the product(s) in their application prior to use.
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