

## Technical Information

### Sabouraud Dextrose Mi Veg Broth (Sabouraud Liquid MiVeg Medium)

#### Product Code : VM1033

**Application:-** Sabouraud Dextrose MiVeg Broth is used for cultivation of yeasts, moulds and aciduric microorganisms.

#### Composition

Ingredients	Gms / Litre
MiVeg special peptone	20.00
Dextrose	10.0
Final pH (at 25°C)	5.6 ± 0.2

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

#### Principle & Interpretation

Sabouraud Dextrose MiVeg Broth is prepared by adding MiVeg special peptone instead of Peptone special thereby making the medium BSE/TSE risk free. Sabouraud Dextrose MiVeg Broth is a modification of Dextrose Agar described by Sabouraud (1). It is useful for the cultivation of fungi, particularly associated with skin infections. MiVeg special peptone supply nitrogenous compounds which are essential for the growth of fungi. Dextrose serve as an the energy source. Acidic pH favours the fungal growth.

#### Methodology

Suspend 30 grams of powder media in 1000 ml distilled water. Mix thoroughly and heat if necessary to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes.

#### Quality Control

##### Physical Appearance

Light yellow coloured, may have slightly greenish tinge, homogeneous, free flowing powder.

##### Colour and Clarity of prepared medium

Light amber coloured, clear solution without any precipitate.

##### Reaction

Reaction of 3.0% w/v aqueous solution is pH 5.6 ± 0.2 at 25°C.

##### pH Range

5.4 - 5.8

##### Cultural Response/Characteristics

Cultural characteristics observed after an incubation at 25 - 30°C for 48 - 72 hours.

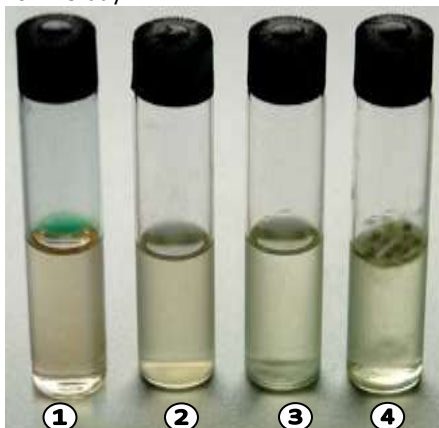
Organisms (ATCC)	Growth
<i>Aspergillus niger</i> (16404)	luxuriant
<i>Candida albicans</i> (10231)	luxuriant
<i>Escherichia coli</i> (25922)	good-luxuriant*
<i>Saccharomyces cerevisiae</i> (9763)	luxuriant

\* Inhibited on media with lower pH.

## Storage and Shelf Life

**Dried Media:** Store below 30°C in tightly closed container and use before expiry date as mentioned on the label.

**Prepared Media:** 2-8° in sealable plastic bags for 2-5 day.



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(Sabouraud Liquid MiVeg Medium)

1. Control
2. *Saccharomyces cerevisiae*
3. *Candida albicans*
4. *Aspergillus niger*

## Further Reading

1. Sabouraud, 1892, Ann. Dermatol. Syphilol, 3:1061.

## Disclaimer :

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