

**MM0157**

**Sabouraud Liquid Broth USP**

**Use and description:**

The Sabouraud liquid medium for the detection of yeasts , moulds and acidophilic bacteria in pharmaceutical products. The performance of this medium conforms with the Harmonised Pharmacopeia. It can also be used as a growth medium for the determination of fungistatic activity in pharmaceutical products.

**Composition per liter:**

Casein Peptone	5.0 g
Peptone .....	5.0.0 g
Glucose/Dextrose	20.0 g

**Final pH of the ready to use medium:** 5.7 ± 0.2

**Medium preparation:** Add 30.0 grams of dehydrated culture medium to 1 liter of distilled water until evenly dispersed. Allow to soak for 10 minutes , swirl to mix. Heat to dissolve , then dispense into final containers before sterilising at 121°C for 15 minutes.

**Quality specifications:**

Ready medium: homogeneous, light amber, clear to very slightly opalescent

**Microbiological Response 22-25 C aerobically for 10 days**

<b>Organism</b>	<b>Result</b>
<i>Escherichia coli</i> ATCC 25922	Negative-inhibited
<i>Staphylococcus aureus</i> ATCC 25923	Negative-inhibited
<i>Aspergillus niger</i> ATCC 16404	Growth
<i>Candida albicans</i> ATCC 10231	Off-white creamy colonies- good growth

**Storage:** Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or if the color has changed from the original.