

Sabouraud Agar**TP00041V****Medium for the enumeration and cultivation of fungi, according harmonized pharmacopoeial monographs and test methods****Presentation**

20 Tubes - Slant

Tube 16 x 110 mm

with: 6.2 ± 0.5 ml. of Weight/Volume

Packaging Details

16x112 mm glass tubes, ink labelled, Metallic cap - 20 tubes per box

Shelf Life Storage

12 months 8-25°C

COMPOSITION*(Theoretical formula in g/l of demineralized water)*

D(+)-Glucose.....	40,0
Peptone from casein	5,0
Meat Peptone.....	5,0
Agar.....	15,0

DESCRIPTION / TECHNIQUE

Collect, dilute and prepare samples and volumes as required according to specifications, normatives and/or expected results.

This medium is also well suited for air environmental sampling (total compatibility with most commercially available air samplers) or for other types of environmental sampling (fingers or gloves of operators, swab streaking,...).

Melt the medium contained in tubes / in flasks in a water bath or in a microwave oven, avoiding overheating, before pouring into Petri dishes when cooled at room temperature.

Once solidified on a flat surface, spread the plate streaking methodology or by spiral method.

Incubate the plates right side up aerobically at 20-25°C for up to 5 days.

(Incubation times greater than those mentioned above or different incubation temperatures may be required depending on the sample, on the specifications,... This media can be inoculated directly or after enrichment with broth).

After incubation, enumerate all the colonies that have appeared onto the surface of the agar.

Each laboratory must interpret the results according to their specifications.

Calculate bacterial count per ml of sample by multiplying the average number of colonies per plate by inverse dilution factor if streaked a diluted sample. Report results as Colony Forming Unit (CFU's) per ml or g along with incubation time and temperature.

pH: 5.6±0.2

QUALITY CONTROL**Physical/Chemical control**

Color of the media: Straw-coloured yellow

pH: 5.6±0.2

Aspect: Satisfactory

Weight/Volume: 6.2 (Quantity per unit; in gr for solid products, in ml for liquid products)

Microbiological control

Inoculate with 10-100 CFU according harmonized Pharmacopoeial Monographs and Methods or with 1000-10000 CFU for Selectivity.

Aerobiosis. Incubation at 22.5 ± 2.5 °C, reading after 24-48 hours for bacteria and 3-5 days for yeasts and moulds

Candida albicans ATCC 10231	Good
Aspergillus niger ATCC 16404	Good
Escherichia coli ATCC 25922	Good

Sterility Control

Incubation 24 h at 32.5 ± 2.5 °C and 72 h at 22.5 ± 2.5 °C: Satisfactory - NO GROWTH

Incubation 7 days at 32.5 ± 2 °C and 7 days at 22.5 ± 2°C: Satisfactory Result- NO GROWTH

(Sterilized by autoclaving at 121 °C for 15')

BIBLIOGRAPHY

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