

Specification

Sterile selective supplement used for *Yeast and Mould* isolation.

Presentation

10 Freeze dried vials
Vial
with: 3 ± 0.1 g

Packaging Details

23x60 mm glass vials, tag labelled, White plastic cap -
10 vials per box.

Shelf Life

49 months

Storage

2-25 °C

Composition

Compositon (g/vial)

Chloramphenicol.....0.050

Note: Each vial is sufficient to supplement
1L of medium Base.

Reconstitute the original freeze-dried vial
by adding

Sterile Distilled Water.....6 ml

Description /Technique

Description:

Chloramphenicol selective supplement is added to Sabouraud Agar in order to obtain a complete medium suitable for the cultivation and differentiation of fungi.

Technique:

Collect, dilute and prepare samples and volumes as required according to specifications, directives, official standard regulations and/or expected results.

Reconstitute the vial with 6 ml of steril distilled water in aseptic conditions and add it to 1L of sterilized Sabouraud Agar base cooled to room temperature.

Do not overheat once supplemented.

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

Incubate the plates right side up in aerobic atmosphere at 20-25°C for 48h to 5 days.

Incubation times longer than those mentioned above or different incubation temperatures may be required depending on the sample, on the specifications.

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

Presumptive isolation of any pathogenic Yeast and/or Mould must be confirmed by further microbiological and biochemical tests.

Quality control

Physical/Chemical control

Color : White-Gray

Microbiological control

Reconstitute 1 vial as indicated in COMPOSITION; shake and dissolve completely

Add 1 vial to 1L of medium base. DO NOT HEAT once supplemented.

Analytical methodology according to ISO 11133:2014/A1:2018; A2:2020.

Aerobiosis. Incubation at 25-30 °C reading at 48-72 hours to 5 - 7 days.

Microorganism

Growth

Aspergillus brasiliensis ATCC® 16404, WDCM 00053

Good

Candida albicans ATCC® 10231, WDCM 00054

Good

Escherichia coli ATCC® 25922, WDCM 00013

Inhibited

Staphylococcus aureus ATCC® 6538, WDCM 00032

Inhibited

Sterility control

Incubation 48 h at 30-35 °C and 48 h at 20-25 °C: NO GROWTH.

Check at 7 days after incubation in same conditions.

Bibliography

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