



Reference: 06-118LYO1

Scharlau Microbiology - Technical Data

Product: Chloramphenicol Selective Suppl. (25 mg)

Specification

Sterile selective supplement used for *Yeast and Mould* isolation according to ISO and Eur. Pharm.

Presentation

	Packaging Details	Shelf Life	Storage
10 Freeze dried vials Vial with: 3 ± 0.1 g	23x60 mm glass vials, tag labelled, White plastic cap - 10 vials per box.	49 months	2-25 °C

Composition

Compositon (g/vial)	Note :
Chloramphenicol.....0.025	Each vial is sufficient to supplement 500 ml 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 (or PDA, Malt Extract 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 500 ml 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.



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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 500 ml of medium base. DO NOT HEAT once supplemented.

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

Aerobiosis. Incubation at 30-35 °C. Read after 18-24 h to 72 h for bacteria and 3-5 days for fungi.

Microorganism

Growth

Aspergillus brasiliensis ATCC® 16404, WDCM 00053

Good

Candida albicans ATCC® 10231, WDCM 00054

Good

Staphylococcus aureus ATCC® 6538, WDCM 00032

Inhibited

Escherichia coli ATCC® 25922, WDCM 00013

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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