



Product :

SABOURAUD CHLORAMPHENICOL AGAR

**Specification**

Solid culture medium for the isolation of from highly contaminated samples, or clinical samples.

Formula * in g/L

Casein peptone.....	5.0
Meat peptone.....	5.0
D(+)-Glucose.....	40.0
Chloramphenicol.....	0.5
Agar.....	15.0

Final pH 5.6 ±0.2 at 25 °C

* Adjusted and /or supplemented as required to meet performance criteria

Directions

Suspend 65.5 g of powder in 1 L of distilled water and bring to the boil. Distribute into final containers and sterilize in the autoclave at 121 °C for 15 minutes. Do not overheat or reheat the medium since it will affect it's solidification.

Description

This culture medium differs from the classical Sabouraud Agar only by the addition of chloramphenicol. This thermostable antibiotic has a broad antibacterial spectrum which ensures the selective isolation of fungi from highly contaminated samples, such as exudates, faeces, nails and hair.

Quality control**Incubation temperature:** 20-25 °C**Incubation time:** ≤ 5 days**Inoculum:** Practical range 100 ± 20 CFU. min. 50 CFU (productivity) / 10⁴-10⁶ CFU (selectivity) according to ISO 11133:2014/Amd 1:2018.**Microorganism***Bacillus subtilis* ATCC® 6633*Escherichia coli* ATCC® 8739*Aspergillus brasiliensis* ATCC® 16404*Saccharomyces cerevisiae* ATCC® 9763*Candida albicans* ATCC® 10231**Growth**

Inhibited

Inhibited

Productivity > 0.50

Productivity > 0.50

Productivity > 0.50

Remarks

Selectivity

Selectivity

Growth and black sporulation

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*Candida albicans* ATCC 10231*Saccharomyces cerevisiae* ATCC 9763*Aspergillus brasiliensis* ATCC 16404**References**

- AJELLO, L. (1957) Cultural Methods for Human Pathogenic Fungi J. Chron. Dis. 5:545-551.
- GEORGE, L.K., AJELLO, L. & PAPAGEORGE, C. (1954) Use of Cycloheximide in the Selective Isolation of Fungi Pathogenic to Man. J. Lab. Clin. Med, 44 (422-428).
- ISO 11133:2014/ Adm 1:2018. Microbiology of food, animal feed and water. Preparation, production, storage and performance testing of culture media.
- PAGANO, J. LEVIN, J.D. & TREJO, W. (1957-58) Diagnostic Medium for Differentiation of Species of Candida. Antibiotics Annual, 137-143.
- SABOURAUD, R. (1910) Les Teignes. Masson, Paris.

Storage

For laboratory use only. Keep tightly closed, away from bright light, in a cool dry place (+4 °C to 30 °C).



Reference : 01-166

Scharlau Microbiology - Technical data sheet

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