



### 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) / 10<sup>4</sup>-10<sup>5</sup> CFU (selectivity) according to ISO 11133:2014/Amd 1:2018.

### Microorganism

### Growth

### Remarks

<i>Bacillus subtilis</i> ATCC® 6633	Inhibited	Selectivity
<i>Escherichia coli</i> ATCC® 8739	Inhibited	Selectivity
<i>Aspergillus brasiliensis</i> ATCC® 16404	Productivity > 0.50	Growth and black sporulation
<i>Saccharomyces cerevisiae</i> ATCC® 9763	Productivity > 0.50	-
<i>Candida albicans</i> ATCC® 10231	Productivity > 0.50	-

### 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).