Sabouraud CAF Broth

Medium used for the isolation and cultivation of yeasts and molds from clinical specimens.

• CONTENTS (Liter)

Peptone	10.0 g
Dextrose	40.0 g
Chloramphenicol	0.5 g

Final pH = 5.6 ± 0.2 at 25°C

• PROCEDURE

Suspend 50.5 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45 - 50°C in water bath. Mix well. Pour into tubes.

• INTERPRETATION

Sabouraud CAF Broth is a medium used for the isolation and cultivation of yeasts and molds from clinical specimens. Peptone is a source of nitrogenous growth factors. Dextrose provides an energy source for the growth of microorganisms. Chloramphenicol inhibits a number of Gram-negative and Gram-positive bacteria.

• TECHNIC

Inoculate the specimen with stab using a sterile needle to the medium. Incubate at 30 ± 2°C for 24 - 48 hours up to 7 days. Refer appropriate references for recommended test procedure.

• QUALITY CONTROL FOR USE

Dehydrated medium
Appearance: free-flowing, homogeneous
Color: light beige
Prepared medium
Appearance: clear to slightly opalescent
Color: light amber
Incubation conditions: 30 ± 2°C for 24 - 48 hours up to 7 days

Microorganism	ATCC	Inoculum CFU	Growth
Candida albicans	10231	50-100	good
Saccharomyces cerevisiae	76625	50-100	good
Aspergillus niger	16404	heavy	good
Escherichia coli	25922	≥10^3	inhibited

• STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration are evident. Store prepared medium at 2 - 8°C.

• REFERENCES

1. APHA (1963) – Diagnostic Procedures and Reagent.
2. Booth, C. (1971). Methods in Microbiology, Vol. 4, London: Accademy Press.
3. Sabouraud. 1892. Ann. Dermatol. Syphil. *3*:1061.

• PACKAGE

Cat. No : MB-S1204 Sabouraud CAF Broth	500 G