

MM0083

Rose Bengal Agar with CAF

Use and description:

The medium recommended for the cultivation and differentiation of non-pathogenic and pathogenic fungi from other bacteria inhibited by Chloramphenicol. Adjusting the pH into acidic range promote the growth fungi.

Composition per liter:

Peptone.....	5.00 g	
D-Glucose.....	10.00 g	
Rose Bengal.....	0.05 g	
Dipotassium-H-PO ₄	1.00 g	
MgSO ₄	0.50 g	
Agar.....	13.50 g	
Chloramphenicol		0.100g

Final pH of the ready to use medium: 7.2 ± 0.2

Medium preparation:

Add 30,1 grams of dehydrated culture medium and to 1 liter of distilled water. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

Quality specifications:

Dehydrated medium: homogeneous, pinkish fine powder.

Ready to use medium: pinkish colored, slightly opalescent agar.

Microbiological Response:

Organism	CFU	Growth	Colonies
Candida albicans ATCC 10231	100-1000	Good growth	pink, round
Aspergillus niger ATCC 16404	100-1000	growth	wolly, black colonies
Escheria coli ATCC 25922	100-1000	Partial inhibited	-

Storage:

Dehydrated medium should be stored between 10 to 25°C. Once opened, place the container in a dark, dry place. The dehydrated medium should not be used if there is any lump or the color has changed from the original.