

MM0073

Nutrient Agar

Use and description:

Medium for the cultivation of a wide variety of nonfastidious microorganisms.

Composition per liter:

Peptone.....	5.0 g
Meat extract.....	1.0 g
Yeast extract.....	2.0 g
Agar.....	15.0 g
Sodium chloride.....	5.0 g

Final pH of the ready to use medium: 7.3 ± 0.2

Medium preparation:

Add 28.0 grams of dehydrated culture medium 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, light beige fine powder.

Ready to use medium: beige agar.

Microbiological response:

Organism	Result
<i>Escherichia coli</i> ATCC 25922	Good growth
<i>Enterococcus faecalis</i> ATCC 19433	Good growth
<i>Pseudomonas aeruginosa</i> ATCC 27853	Good growth

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.