

Product Name : Lactobacillus Agar, Modified

A medium for the cultivation and maintenance of *Lactobacillus* species.

FORMULA (G/L)

Yeast extract 10.0
Polypeptone 5.0
Glucose 25.0
Magnesium Sulfate Heptahydrate 0.1
Manganese(II) sulfate Pentahydrate 0.0025
Ferrous Sulfate Heptahydrate 0.0025
Sodium Azide 0.05
Sodium Acetate 10.0
Agar 0.6
Final pH = 5.2 ± 0.2 at 25°C.

DIRECTIONS

Suspend 50.76 G in 900 mL of distilled water and heat gently to dissolve the medium completely. Sterilize by autoclaving at 121 °C for 15 minutes. Cool to 45-50°C. Aseptically add 100.0 mL of filter-sterilized ethanol and 2 vials of Lactobacillus Agar, Modified supplement (MB-L0723). Dispense into final containers.

Lactobacillus Agar, Modified supplement

1 Vial contents (each vial is sufficient for 500mL of medium)

Mevalonic Acid 0.0025 g

DESCRIPTION

Lactobacillus Agar, Modified is medium for the cultivation and maintenance of *Lactobacillus* species.

QUALITY CONTROL

Dehydrated medium

Appearance: Homogeneous hygroscopic powder.

Color: beige.

Prepared medium

Appearance: very slightly opalescent without precipitate.

Color: amber.

Incubation conditions: 35 ± 2°C / 18-72 hours.

Microorganism	ATCC	Growth
<i>Lactobacillus delbrueckii</i>	4797	good

STORAGE

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 or contamination are evident. Store prepared medium at 2-6°C.

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REFERENCES

1. Ronald M. Atlas (2006) Handbook of Microbiological Media for the Examination of Food : 187.

PACKAGING

Cat. No : MB-L0620 Lactobacillus Agar, Modified	500 G
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