

Product Name : Antibiotic Assay Agar No.32

For the microbiological assay of antibiotics according to United States Pharmacopoeia XXIV.

FORMULA (G/L)

Peptone.....6.0
Casein Peptone.....4.0
Yeast Extract.....3.0
Beef Extract.....1.5
Glucose.....1.0
Magnesium Sulphate.....0.3
Agar15.2
Final pH = 6.7 ± 0.1 at 25°C.

DIRECTIONS

Suspend 31.0 G of powder in 1 L of distilled or deionized water. If necessary, adjust pH to 6.7 ± 0.1. 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 petri dishes.

DESCRIPTION

Antibiotic Assay Agar No.32 is for the microbiological assay of antibiotics according to United States Pharmacopoeia XXIV.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: slightly opalescent.

Color: light to medium amber.

Incubation conditions: 35 ± 2°C / 18-24 hours.

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.

REFERENCES

1. The United States Pharmacopoeia XXIV, Chapter: "Biological Tests".

PACKAGING

Cat. No : MB-A2110
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500 G