

# Product Name : Antibiotic Assay Broth No.39

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

## FORMULA (G/L)

Peptone.....	5.0
Yeast Extract.....	1.5
Beef Extract.....	1.5
Glucose.....	1.0
Sodium Chloride.....	3.5
Dipotassium Hydrogen Phosphate.....	3.68
Potassium Hydrogen Phosphate.....	1.32
Final pH = 7.9 ± 0.1 at 25°C.	

## DIRECTIONS

Suspend 17.5 G of powder in 1 L of distilled water. If necessary and boil to dissolve the medium completely. Sterilize by autoclaving at 121°C for 15 minutes.

## DESCRIPTION

Antibiotic Assay Broth No.39 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-A2114  
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500 G