

Product Name : Antibiotic Assay Broth No.13

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

FORMULA (G/L)

Peptone..... 10.0
Glucose.....20.0
Final pH = 5.6 ± 0.1 at 25°C.

DIRECTIONS

Suspend 30.0 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.13 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: 25 ± 2°C / 7 days.

Microorganism	ATCC	Growth
<i>Aspergillus brasiliensis (niger)</i>	16404	good
<i>Candida albicans</i>	60193	good
<i>Saccharomyces cerevisiae</i>	9763	good
<i>Trichophyton mentagrophytes</i>	9533	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.

REFERENCES

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

PACKAGING

Cat. No : MB-A2108
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500 G