

Product Name : Corn Meal Broth

Medium for the cultivation of fungi.

FORMULA (G/L)

Corn Meal Infusion 2.0
Final pH = 6.0 ± 0.2 at 25°C.

DIRECTIONS

Suspend 2.0 G of powder in 1 L of distilled or deionized water. Add 1% of Tween 80 supplement (MB-T1861) or 1 % Dextrose, if desired. Heat to boiling until completely dissolved. Sterilize in autoclave at 121°C for 15 minutes. Test samples of the finished product for performance using stable, typical control cultures.

DESCRIPTION

Corn Meal Broth is a general-purpose medium for the cultivation of fungi. With the addition of Tween 80 supplement, it is utilized primarily for the testing of *Candida* species for their ability to produce chlamyospores.

TECHNIQUE

Incubate at 25 ± 2°C for 4 days and examine microscopically.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: coarse.

Prepared medium

Appearance: slightly hazy to hazy.

Color: yellow to tan.

Incubation conditions: 25 ± 2°C / 4 days.

Microorganism	ATCC	Growth
<i>Aspergillus niger</i>	16404	good
<i>Candida albicans</i>	10231	Good
<i>Candida albicans</i>	60193	Good
<i>Candida kefyr</i>	8553	Good

PERFORMANCE AND LIMITATIONS

Corn Meal Broth with Dextrose is not recommended for detecting the production of chlamyospores by *Candida* species.

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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 Pollack and Benham. 1960. J. Lab. Clin. Med. *50:313*.
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4. Conant, Smith, Baker and Callaway. 1971. Manual of clinical mycology, 3rd ed. W.B. Saunders Co., Philadelphia, Pa.
5. Haley and Callaway. 1978. Laboratory methods in medical mycology. HEW Publication No. (CDC) 78-8361. Center for Disease Control, Atlanta, Ga.
6. Isenberg (ed.). 1992. Clinical microbiology procedures handbook, vol. 1. American Society for Microbiology, Washington, D.C.
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PACKAGING

Cat. No : MB-C0679 Corn Meal Broth	500 G
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