



## Product Information Sheet

### C442 Corn Meal Agar

#### Properties

Form:	Powder
Appearance:	Off-White to Yellow Powder
Application:	Microbiology
Solubility:	Suspension in Water
Typical Working Concentration:	22.0 g/L
Storage Temp:	Room Temperature
Storage Temp of Stock Solution:	Not recommended

#### Formula (mg/L)

Corn Meal	15000	Agar	7000
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#### Application Notes

Used in the cultivation of fungi. The corn meal in the medium provides carbon, nitrogen, and vitamins required for organism growth, while agar is the solidifying agent of the medium. Corn Meal Agar stimulates sporulation in *C. albicans*, and can aid in suppressing other fungal growth (Baron, 1990).

#### References

- Warren, N., and H. J. Shadomy. 1995. Yeasts of medical importance, p. 617-629. *In* P.R. Murray, E. J. Baron, M.A. Pfaller, F. C. Tenover, and R. H. Tenkens (eds.). *Manual of clinical microbiology*, 6th ed., American Society for Microbiology, Washington, D.C.
- Baron, E. J. and S. M. Finegold. 1990. Formulas and preparation of culture media and reagents. *Bailey & Scott's Diagnostic Microbiology*, 8th ed. The C.V. Mosby Company, St. Louis, MO.
- Duncan, J., and J. Floeder. 1963. A Comparison of media for the production of chlamydo spores by *Candida albicans*. *Am. J. Med. Tech.* 29:199-206.
- Kelly, J. P., and F. Funigeillo. 1959. *Candida albicans*: A study of media designed to promote chlamydo spore production. *J. Lab & Clin. Med.* 53:807-809.