



## Product Information Sheet

# Y889 YEP Medium Yeast Extract Peptone Medium

**Synonyms:** YP Agar, YP Medium

### Properties

Form: Powder  
Appearance: Cream to Tan  
Application: Molecular Biology, Microbiology, Phytopathology  
Solubility: Water  
Typical Working Concentration: 40.0 g/L  
Storage Temp: 2 – 6°C

### Formula (mg/L)

Agar	15,000
Peptone from Meat	10,000
Sodium Chloride	5000
Yeast Extract	10,000

### Application Notes

YEP is a standard medium base for the maintenance and propagation of *Saccharomyces cerevisiae*. This medium can be used as a base for Yeast Peptone Dextrose medium (YPD), or supplemented with another carbon source such as sucrose, glycerol, mannitol, etc.

This medium has been used to culture *Agrobacterium tumefaciens* (Garfinkel et al., 1981) as well as yeasts such as *Saccharomyces* (Subashini et al., 2011) and *Candida* (Jindamorakot et al., 2008).

### References

- Garfinkel DJ, Simpson RB, Ream LW, White FF, Gordon MP, Nester EW (1981) Genetic analysis of crown gall: fine structure map of the T-DNA by site-directed mutagenesis. *Cell* 27: 143–153.
- Jindamorakot, S., Limtong, S., Yongmanitchai, W., Tuntirungkij, M., Potacharoen, W., Kawasaki, H., Tanticharoen, M. and Nakase, T. (2008), *Candida ratchasimensis* sp. nov. and *Candida khaoyaiensis* sp. nov., two anamorphic yeast species isolated from flowers in Thailand. *FEMS Yeast Research*, 8: 955–960. doi: 10.1111/j.1567-1364.2008.00416.x
- Subashini, D., Ejilane, J., Radha, A., Jayasri, M. A., & Suthindhiran, K. (2011). Ethanol production from Sago waste using *Saccharomyces cerevisiae* Vits-M1. *Curr Res J Biol Sci*, 3(1), 42-51.

### PhytoTechnology Laboratories®

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 913-341-5343; Fax: 1-888-449-8682 or 913-341-5442

Web Site: [www.phytotechlab.com](http://www.phytotechlab.com)

© 2014 PhytoTechnology Laboratories®