

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.

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