

## Certificate of Analysis

**Product Description:** YPD (YEPD) Agar (Pouches)  
**Catalog Number:** 4001265; 4001275  
**Lot:** 119583

**Formula:** N/A  
**CAS #:** N/A  
**Physical Description:** Light Yellow to Brown Powder

**Formula Weight:** N/A  
**Storage:** 15 - 30°C

### YPD Agar: Molecular Biology Certified Yeast Growth Medium

Rich Medium for the growth of *S. cerevisiae* in agar medium.

### Formulation and Molecular Biological Specifications of Components:

**Contents Per Liter:** 20 g Casein Peptone Tpe-M, 10 g Yeast Extract, 20 g Dextrose, 17 g Agar. Small quantities of biological buffers have been added for proper pH adjustment.  
**Reference:** Ronald M. Atlas, (1997) Handbook of Microbiological Media, 2nd Edition L.C. Parks (ed.), CRC Press, NY.

### Recommended

33.5 g Pouches: Add pouch contents to 500ml of purified water.  
67 g Pouches: Add pouch contents to 1 liter of purified water.  
For laboratory use only.

### Use:

Test	Specification	Result
pH (after autoclave)	5.9 - 6.5	6.02
Clarity and Color (after autoclave)	Report Result	Clear, Deep Brown Solution
Cell Growth Test	Passes	Passes

Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.  
Recommended Retest Date: 08/31/2022

08/17/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager



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