

## Certificate of Analysis

**Product Description:** YPD (YEPD) Broth (Pouches)  
**Catalog Number:** 4001065; 4001075  
**Lot:** 165207

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

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

**YPD Broth:** Molecular Biology Certified Yeast Growth Medium  
Rich Medium for the growth of *S. cerevisiae* in liquid medium.

**Formulation and Molecular Biological Specifications of Components:**

**Contents Per Liter:** 20 g Peptone-Y , 10 g Yeast Extract, 20 g Dextrose. 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 Use:**

25 g Pouches: Add pouch contents to 500ml of purified water.

50 g Pouches: Add pouch contents to 1 liter of purified water.

For laboratory use only.

Test	Specification	Result
pH (after autoclave)	5.9 - 6.5	6.27
Clarity and Color (after autoclave)	Report Result	Clear, Deep Brown Solution
pH (with agar, after autoclave)	Report Result	6.32
Clarity and Color (with agar, after autoclave)	Report Result	Clear, Brown Solution
pH (harvest)	Report Result	5.50
Cell Growth Test	Passes	Passes

Powder medium is hygroscopic, therefore minimize exposure to air to prolong shelf life of media.  
Recommended Retest Date (MM/DD/YYYY): 01/31/2026

A handwritten signature in black ink, appearing to read 'F. An', is centered at the top of the page.

01/31/2022 - *Fengqi An*  
MP Biomedicals, LLC.  
Life Science QC Supervisor

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