

Product Data Sheet

YEAST & MOLD BROTH

Product No. GB-DCM-00232-1A

INTENDED USE

For isolation and cultivation of yeasts and molds.

PRODUCT SUMMARY

Yeast Mold Broth is a medium used for the isolation and cultivation of yeast, molds and aciduric microorganisms.

Product Specifications

Ingredients	Gms / Ltr
Dextrose	10.000
Peptone	4.000
Malt extract	3.000
Yeast extract	3.000

PRINCIPLE

The medium consists of Peptone and malt extract provides the carbon, protein and nutrient sources required for the growth of microorganisms. Malt extract is particularly suitable for yeasts and molds as it contains a high concentration of maltose (39 - 42%) and other saccharides as energy sources. Dextrose is the fermentable carbohydrate providing carbon and energy. The high dextrose concentration and acidic pH make this medium selective for fungi.

INSTRUCTION FOR USE

- Dissolve 20.0 grams in 1000 ml distilled water.
- Mix well and dissolve by heating with frequent agitation. Boil for one minute until complete dissolution.
- Distribute into appropriate containers and Sterilize by autoclaving at 15 psi pressure (121°C) for 15 minutes.
- If desired, the pH of the medium can be adjusted to 3,0-4,0 in order to increase the selectivity of the medium. Antibiotics like chloramphenicol can also be added.



Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Incubation Temperature	Incubation Period
Candida albicans	10231	10-100	Good	30-32°C	18-72 Hours
Aspergillus brasiliensis	16404	10-100	Good	30-32°C	18-72 Hours
Saccharomyces cerevisiae	9763	10-100	Good	30-32°C	18-72 Hours

QUALITY CONTROL SPECIFICATIONS

Appearance of Powder: Light beige colour homogeneous free flowing powder
 Appearance of prepared medium: Amber, slightly opalescent gel forms in test tubes.
 pH (at 25°C) : 6.8 ± 0.2

STORAGE

Dehydrated powder, hygroscopic in nature, store in a dry place, in tightly-sealed containers between 25-30°C and protect from direct sunlight. Under optimal conditions, the medium has a shelf life of 4 years. When the container is opened for the first time, note the time and date on the label space provided on the container. After the desired amount of medium has been taken out replace the cap tightly to protect from hydration.

Product Deterioration: Do not use if they show evidence of microbial contamination, discoloration, drying or any other signs of deterioration.

DISPOSAL

After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

This product is for research use only.