

MALT EXTRACT BROTH MODIFIED

Medium for isolating, cultivating and enumerating yeasts and molds.

TYPICAL FORMULA (g/L)

Malt Extract	17.0
Peptone	1.5
Papaic digest of liver	1.5
Final pH 5.4 ± 0.2	

DESCRIPTION

MALT EXTRACT BROTH MODIFIED is a basal medium used for isolating, cultivating and enumerating yeasts and molds.

PRINCIPLE

Malt extract, peptone and papaic digest of liver provide carbon, proteins and nutrient sources required for growth of microorganisms.

PREPARATION

Suspend 20.0 g of powder in 1 litre of deionized or distilled sterile water. Heat to boiling until completely dissolved. Dispense into final tubes and sterilize in autoclave at 121°C for 15 minutes.

TECHNIQUE

Inoculate the medium with the sample and incubate at 30 ± 2°C for 48-72 hours.

INTERPRETATION OF RESULTS

Turbidity in the broth indicates the growth of microorganisms.

STORAGE

10-30°C away from light, until the expiry date on the label or until signs of deterioration or contamination are evident.

WARNING and PRECAUTIONS

The product is not classified as hazardous by current legislation and does not contain harmful substances in concentrations of ≥1%. The product must be used only by properly trained operators.

DISPOSAL of WASTE

Disposal of waste must be carried out according to national and local regulations in force.

REFERENCES

1. Reddish. 1919. Abstr. Bacteriol. 3: 6.
2. Thom and Church. 1926. The aspergilli. Williams & Wilkins, Baltimore, Md.



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PRODUCT SPECIFICATIONS

NAME

MALT EXTRACT BROTH MODIFIED

PRESENTATION

Dehydrated culture medium.

STORAGE

10-30°C

PACKAGING

Code	Content	Packaging
610348	500 g	500 g of powder in plastic bottle
620348	100 g	100 g of powder in plastic bottle

pH OF THE MEDIUM

5.4 ± 0.2

USE

MALT EXTRACT BROTH MODIFIED is a basal medium used for isolating, cultivating and enumerating yeasts and molds.

TECHNIQUE

Refer to technical sheet of the product.

APPEARANCE of the MEDIUM

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige

Prepared medium

Appearance: clear

Color: very light amber

SHELFLIFE

4 years

QUALITY CONTROL

1. Control of general characteristics, label and print

2. Microbiological control

Inoculum for productivity: 10-100 UFC/ml

Incubation conditions: 48-72 h at 30±2°C

Microorganisms		Growth
<i>Candida albicans</i>	ATCC 10231	good
<i>Aspergillus niger</i>	ATCC 16404	good
<i>Saccharomyces cerevisiae</i>	ATCC 9763	good

TABLE OF SYMBOLS

 Batch code	 Use by	 Manufacturer	 Contains sufficient for <n> tests
 Catalogue number	 Caution, consult accompanying documents	 Temperature limitation	 Keep away from heat



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