

## OGYE Agar

Selective medium for the isolation and enumeration of yeasts and moulds.

TYPICAL FORMULA	(g/l)
Yeast Extract	5.0
Glucose	20.0
Oxytetracycline	0.1
Agar	15.0
Final pH 7.0 ± 0.2	

### DESCRIPTION

OGYE Agar is a selective medium used for the isolation and enumeration of yeasts and moulds from foods and cosmetics.

### PRINCIPLE

Yeast extract is a source of vitamins, particularly of B-group. Glucose is an energy source. Oxytetracycline is an antibiotic included to inhibit bacterial growth. Agar is the solidifying agent.

### TECHNIQUE

Inoculate the plates by spreading the sample onto the agar surface. Incubate at 22 ± 1°C for 5 days in aerobic atmosphere.

### INTERPRETATION OF RESULTS

Observe for the growth of colonies.

### STORAGE

10-25°C away from light, until the expiry date on the label. Eliminate if signs of deterioration or contamination are evident.

### WARNING AND PRECAUTIONS

The product does not contain hazardous substances in concentrations exceeding the limits set by current legislation and therefore is not classified as dangerous. It is nevertheless recommended to consult the safety data sheet for its correct use. The product is designed for professional use only and must be used by properly trained operators.

### DISPOSAL OF WASTE

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

### REFERENCES

1. ISO 21527-1:2008. Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of yeasts and moulds – Part 1: Colony count technique in products with water activity greater than 0,95.
2. ISO 21527-2:2008. Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of yeasts and moulds – Part 2: Colony count technique in products with water activity less than or equal to 0,95.
3. ISO 7954:1987. General guidance for enumeration of yeasts and moulds – Colony count technique at 25 degrees C.
4. MacFaddin J.F. (1985) Media for the isolation-cultivation-identification-maintenance of medical bacteria, vol. 1 p. 579-582. Williams & Wilkins, Baltimore, MD.
5. Mossel D.A.A., A.M.C. Kleynen-Semmeling, H.M. Vincentie, H. Beerens, and M. Catsaras (1970) Oxytetracycline-Glucose-Yeast Extract Agar for selective enumeration of moulds and yeasts in foods and clinical materials. J. App. Bacteriol. 33:454-457.



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## PRODUCT SPECIFICATIONS

### NAME

OGYE Agar

### PRESENTATION

Ready to use plates (90 mm) containing  $22 \pm 1$  ml of medium

### STORAGE

10-25°C

### PACKAGING

Ref.	Content	Packaging
11055	20 plates	<ul style="list-style-type: none"> <li>• 10 plates in thermally soldered film</li> <li>• 2 x 10 plates in cardboard box</li> </ul>
11055*	100 plates	<ul style="list-style-type: none"> <li>• 10 plates in thermally soldered film</li> <li>• 10 x 10 plates in cardboard box</li> </ul>

### pH OF THE MEDIUM

$7.0 \pm 0.2$

### USE

OGYE Agar is a selective medium used for the isolation and enumeration of yeasts and moulds from foods and cosmetics

### TECHNIQUE

Refer to technical sheet of the product

### APPEARANCE OF THE MEDIUM

Amber, slightly opalescent

### SHELF LIFE

6 months

### QUALITY CONTROL

1. Control of general characteristics, label and print
2. Sterility control  
7 days at  $22 \pm 2^\circ\text{C}$ , in aerobiosis  
7 days at  $35 \pm 2^\circ\text{C}$ , in aerobiosis
3. Microbiological control  
Inoculum for productivity: 50-100 CFU  
Inoculum for selectivity:  $10^4$ - $10^6$  CFU  
Incubation Conditions: 5 days at  $22 \pm 1^\circ\text{C}$ , in aerobiosis

#### Microorganism










*Aspergillus brasiliensis*  
*Saccharomyces cerevisiae*  
*Escherichia coli*

ATCC® 16404  
ATCC® 9763  
ATCC® 25922

#### Growth

Good  
Good  
Inhibited

### TABLE OF SYMBOLS

 <b>LOT</b>	Batch code	 Do not reuse	 Manufacturer	 Use by	 Fragile, handle with care
 <b>REF</b>	Catalogue number	 Temperature limitation	 Contains sufficient for <n> tests	 Caution, consult instructions for use	



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