

OGYE AGAR

(OXYTETRACYCLINE GLUCOSE YEAST EXTRACT AGAR)

INTENDED USE:

For the selective enumeration of moulds and yeasts.

PRINCIPLE AND INTERPRETATION:

Yeast Extract provides essential vitamins to stimulate the growth of yeasts and molds in OGYE Agar Base. Dextrose is the carbon energy source. Agar is the solidifying agent. The supplement, Oxytetracycline, is a selective agent used to inhibit bacterial growth

COMPOSITION:

Ingredients	Gr/Liter
Yeast Extract	5 gr
Dextrose	20 gr
Oxytetracycline	0,1 gr
Agar	12 gr

***Formula adjusted, standardized to suit performance parameters

pH: 7,0 ± 0,2

PRECAUTIONS:

For professional use only. Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

TEST PROCEDURE:

Refer to appropriate references for specific procedures on yeast and mold testing in foods.

QUALITY CONTROL:**1.Sterility Control:**

Incubation 48 hours at 30-35°C and 72 hours at 20-25°C: NO GROWTH

2.Physical/Chemical Control

pH: 7,0 ± 0,2

Apperance: Slightly hazy, and light to medium amber

3.Microbiological Control: Incubation 5d at 20-25°C.

Microorganism	Inoculum (CFU)	Results	
		Growth	Reaction
Aspergillus brasiliensis ATCC 16404	10-100	Good	Greater than 10mm colonies, white mycelia, black spores
Saccharomyces cerevisiae ATCC 9763	10-100	Good	Cream coloured colonies
Escherichia coli ATCC 25922	100-1000	Inhibited	-

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2 - 12°C. Use before expiry date on the label. Do not use beyond stated expiry date.

DISPOSAL:

Incubated prepared medium may contain active bacteria and micro-organisms. Do not open infected medium. Infected plate should be autoclaved, incinerated or opened and soaked in a chlorine-based disinfectant (liquid bleach) for 20 minutes prior to disposal.

PACKAGING:

Katalog Number: 02073

Packaging: Single wrap

Content: 10 plates/each package

REFERENCES:

1. Mossel, D. A. A., A. M. C. Kleynen-Semmeling, H. M. Vincentie, H. Beerens, and M. Catsaras. 1970. Oxytetracycline-GlucoseYeast Extract Agar for selective enumeration of moulds and yeasts in foods and clinical materials. J. Appl. Bacteriol. 33:454-457.
2. Mossel, D. A. A., M. Visser, and W. H. J. Mengerink. 1962. A comparison of media for the enumeration of moulds and yeasts in food and beverages. Lab Pract. 11:109-112. Compendium of methods for the microbiological examination of foods, 3rd ed. American Public Health Association, Washington, D.C.
3. MacFaddin, J. F. 1985. Media for the isolation-cultivation-identification-maintenance of medical bacteria, vol. 1, p. 579-582. Williams & Wilkins, Baltimore, MD.

STERILE **A**

Aseptic Sterile

LOT

Batch Code

REF

Catalogue Number

CONTROL **-**

Negative Controls

CONTROL **+**

Positive Controls



Use by



Temperature
Limitation



Do not reuse



Contains sufficient
for <n> tests



Look at user manual



Manufacturer