

Yeast & Molds/Yeast & Molds

A system containing medium for Selection and Enumeration of Yeasts & Molds.

For in vitro diagnostic use

Cat. No.: DS 016

Hy-Laboratories Ltd.
Park Tamar
Rehovot 76326 Israel
Tel : 972-8-9366475
Fax : 972-8-9366474
hylabs@hylabs.co.il
www.hylabs.co.il

Storage

Store at 15-25⁰ C. Protected from light.

Each kit comprises

- Plastic tube container hermetically sealed.
- Plastic paddle (9cm²) coated with culture medium on both sides.
- Plastic cap that may be taken apart from paddle.

Packing Details

- Pkg.: 20 units in a box (4 X 5).
- Instructions for Use and Interpretation of Results.
- ID labels.

Shelf Life

26 Weeks

Composition (g/L)

Agar 16, Yeast Extract 5 (CONDA–Spain);
Dextrose 10 (MERCK-Germany);
Oxytetracycline hydrochloride 0.1 (SIGMA).
(ISO/DIS 6611).

Intended Use

Selection and enumeration of yeasts and molds on surfaces and in foodstuffs and other specimens of sanitary significance. The medium can be used for: high acid food stuffs, low acid foodstuffs, dairy products, dehydrated products.

Principle

The medium composition including yeast extract provides essential growth nutrients. Dextrose acts as carbon and energy source. The low pH reduce the bacterial flora. Oxytetracycline makes the medium selective by inhibiting the growth of *Lactobacilli* encountered dairy products at low pH.



Procedure

1. Follow recommended procedures in the Instructions for Use.
2. If the product have been refrigerated, allow it to return to room temperature before sampling and incubate aerobically at the recommended conditions.

Interpretation of Results

Bacteria: Inhibited.

Yeast: Grow good. Creamy white to cream colonies.

Molds: Grow good. Colonies may be colored, velvety or powdery to fluffly.

Procedure Limitations

For the dipping method: The sensitivity of the test is from 1×10^3 cfu/gr or ml.

Disposal

Used contaminated test material should be handled by standard decontamination methods.