

## TECHNICAL DATA SHEET

### Food swab Yeasts & Moulds

code 200183

code	presentation	tube dimensions (mm)	quantity/case	weight/case (gr)	volume/case (m <sup>3</sup> )
200183	1 tube + 1 swab with viscose peel, wrapped by PP bag	12 x 165	25 packs	330	0.0027

### DESCRIPTION

Swab with culture medium and growth indicator for the analysis of mold and yeast. Culture medium incorporates a pH indicator to indicate biological activity, by changing the color of the medium that is easily visible. With  $2,5 \pm 2$ ml agar. Shelf life 6 months. Storage 10-25°C. Composition: differential medium.

### TECHNIQUE

1. Remove the sterile swab from inside the bag.
2. Wet the tip of the swab by immersing it in sterile physiological solution.
3. Drain excess liquid by resting the tip of the swab against the wall of the tube.
4. Rub the swab on a surface (10 x 10 cm<sup>2</sup>) horizontally and vertically.
5. Introduce the swab into the tube containing the culture medium.
6. Close the tube and write the date and place of sampling.
7. Incubate at 30°C for 24-48 hours.
8. Observe the change in color of the medium and interpret the result:
  - Violet media: Absence of yeasts and moulds
  - Yellowish media: Presence of yeasts and moulds

Each laboratory must evaluate the results according to their specifications.

### QUALITY CONTROL

#### Physical/Chemical control

Color: Violet

pH:  $7.0 \pm 0.2$  at 25°C

#### Microbiological control

Inoculate: Practical range 10-50 CFU.

Aerobiosis. Incubation at  $37 \pm 1$ °C, reading after 18-24 h



WRITTEN	VERIFIED	AUTHORISED
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Microorganism	Growth	Medium color
<i>Escherichia coli</i> ATCC® 25922, WDCM 00013	Inhibited	Violet
<i>Enterococcus faecalis</i> ATCC® 19433, WDCM 00009	Inhibited	Violet
<i>Candida albicans</i> ATCC® 10231, WDCM 00054	Good	Yellowish
<i>Aspergillus brasiliensis</i> ATCC® 16404, WDCM 00053	Good	Yellowish
<i>S. cerevisiae</i> ATCC® 9763, WDCM 00058	Good	Yellowish

### Sterility control

Incubation 48 h at 30-35 °C and 48 h at 20-25 °C: NO GROWTH.  
Check at 7 days after incubation in same conditions.

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