

TECHNICAL DATA SHEET

Food swab surfaces control: Aerobes

code 200180

code	presentation	tube dimensions (mm)	quantity/case	weight/case (gr)	volume/case (m ³)
200180	1 tube + 1 swab with viscose peel, wrapped by PP bag	12 x 165	25 packs	330	0.0027

DESCRIPTION

Swab with culture media and growth indicator for the detection of Aerobes spp. directly from surfaces.

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 ($10 \times 10 \text{ cm}^2$) 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 37°C for 18-24 hours.
8. Observe the change in color of the medium and interpret the result:
 - Yellowish media: Absence of aerobic microorganisms
 - Pink media: Low presence of aerobic microorganisms
 - Red media: High presence of aerobic microorganisms

Each laboratory must evaluate the results according to their specifications.

QUALITY CONTROL

Physical/Chemical control

Color : Yellowish

pH: 7.0 ± 0.2 at 25°C

Microbiological control

Inoculate: Practical range 10-50 CFU.

Aerobiosis. Incubation at $37 \pm 1^\circ\text{C}$, reading after 18-24 h



WRITTEN	VERIFIED	AUTHORISED
Pascal Montoya Marketing Department	Anna Mir Technical, RA, Quality & Environment Director	Mònica Torras Sales & Marketing Director

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Microorganism	Growth	Medium color
<i>Stph. aureus</i> ATCC® 25923, WDCM 00034	Good	Pink/red
<i>Escherichia coli</i> ATCC® 25922, WDCM 00013	Good	Pink/red
<i>Enterococcus faecalis</i> ATCC® 19433, WDCM 00009	Good	Pink/red
<i>Proteus mirabilis</i> ATCC® 29906, WDCM 00023	Good	Pink/red

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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