

## TECHNICAL DATA SHEET

### Food swab Salmonella spp.

code 200182

code	presentation	tube dimensions (mm)	quantity/case	weight/case (gr)	volume/case (m <sup>3</sup> )
200182	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 detection of Salmonella 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 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 37°C for 18-24 hours.
8. Observe the change in color of the medium and interpret the result:
  - Red medium: Absence of Salmonella spp.
  - Red/black medium: Presence of Salmonella spp.
  - Yellow medium: Presence of coliforms

Each laboratory must evaluate the results according to their specifications.

### QUALITY CONTROL

#### Physical/Chemical control

Color: Red

pH:  $7.4 \pm 0.2$  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>Salmonella typhimurium</i> ATCC® 14028, WDCM 00031	Good	Black/red
<i>Salmonella enterica</i> ATCC® 13076, WDCM 00030	Good	Black/red
<i>Escherichia coli</i> ATCC® 25922, WDCM 00013	Good	Yellow
<i>Citrobacter freundii</i> ATCC® 8090	Good	Yellow
<i>Shigella flexneri</i> ATCC® 12022, WDCM 00126	Good	Yellow
<i>Enterococcus faecalis</i> ATCC® 29212, WDCM 00087	Inhibited	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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