Reference: 140884CY **Technical Data Sheet**

Product: Sabouraud Chloram Agar Contact triple wrap



Specification

Medium for the enumeration and cultivation of fungi, in surfaces.

Presentation

80 Contact Plates/Irradiated Contact Plates - Triple Wrapping

with: 15 ± 2 ml

Packaging Details

1 box with 8 RD-PACK with 10 contact plates/pack;

and double wrapping cellophane.

Every pack exhibitis an irradiation indicator (8-14kGy).

Shelf Life Storage

> 4 months 2-14 °C

Composition

Composition (g/l):	
Casein peptone	5.00
Meat peptone	5.00
D(+)-Glucose	
Chloramphenicol	
Agar	

Description / Technique

This culture medium differs from the classical Sabouraud Agar only by the addition of chloramphenicol. This thermostable antibiotic has a broad antibacterial spectrum which ensures the selective isolation of fungi from bacteria highly contaminated samples. Technique

Contact plates are used in the microbiological control of disinfection and cleaning of surfaces. It acts simultaneously as a sampler and incubation culture medium without the need for any other intermediate steps.

The plates come in a form appropriate for this function and can be used with different culture media depending on the type of microbe that needs to be controlled. On average the plates provide a contact surface of approximately 25 cm2.

To use, remove the cover and gently press the culture medium on the surface to be controlled, ensuring contact between the two surfaces. The Contact plate is removed and covered with the lid to prevent air contamination. It is advisable that the lid is secured with adhesive tape and the bottom labelled with the sampling data (place, date and time). The inoculated plates are incubated at 32-35 ° C for 24-48 hours and examined daily. For fungi, the incubation is carried out at 22-25 ° C for 5 days and examined daily.

If the sample surfaces are rough, the Contact plates will not make good contact, even when the pressure is increased. In these cases it is advisable to delineate an sample surface area of 25 cm squared and rub this area vigorously with a wet sterile swab and then rub the swab over the Contact plate.

If verifying the effectiveness of a cleaning or disinfection process, Contact plates should be used within two hours after the end of the process, ensuring that the sample surface is dry. It is advisable to always include positive controls, sampling the area before disinfection or dirty areas beside the disinfected area.

The technician will determine the frequency of sampling and disinfection according to performance criteria.

Apply the agar directly onto surface to be monitorised ensuring that the pressure is distributed over the whole plate for 10 seconds.



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Quality control

Physical/Chemical control

Color : Straw-coloured yellow pH: 5.6 ± 0.2 at 25°C

Microbiological control

Inoculate: Practical range 100 ± 20 CFU. min. 50 CFU (productivity)/ 10⁴-10⁶ (selectivity).

Analytical methodology according to ISO 11133:2014/A1:2018; A2:2020.

Aerobiosis. Incubation at 25 ± 2,5 °C and 30-35°C. Reading at 72 hours for bacteria and 3-5 days for yeast and moulds.

Microbiological control according to ISO 11133:2014/A1:2018.

Microorganism	Growth
Aspergillus brasiliensis ATCC® 16404, WDCM 00053	Good (≥50 %)
S. cerevisiae ATCC® 9763, WDCM 00058	Good (≥50 %)
Escherichia coli ATCC® 8739, WDCM 00012	Inhibited
Bacillus subtilis ATCC® 6633, WDCM 00003	Inhibited
Candida albicans ATCC® 10231, WDCM 00054 (20-25°C)	Good (≥50 %)
Candida albicans ATCC® 10231, WDCM 00054 (30-35°C)	Good (≥50 %)

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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