

PRODUCT CODE: 456213

Sabouraud Glucose Agar+Chloramphenicol (Ph. Eur.) (irradiated) (Prepared Plate (Ø 90 mm)) for microbiology

Specification

Medium for the enumeration and cultivation of fungi (Mould and Yeast).

Presentation

20 Plates - Irradiated	Packaging Details	Shelf life	Storage
90 mm - Double Wrapping with: 21 ± 2 ml.	1 box with 2 cellophane bags (double wrapping) with 10 plates/bag. Every pack exhibits a irradiation indicator stacked on the side of the bag.(8-14kGy).	3.5 months	2-14°C

Description and Technique

Description

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 highly contaminated samples.

This medium is also well suited for air environmental sampling (total compatibility with most commercially available air samplers) or for other types of environmental sampling (fingers or gloves of operators, swab streaking).

Technique

The technique of inoculation is by streaking methodology or by spiral method. Incubate the plates right side up aerobically at 20-25°C for up to 5 days. (Incubation times greater than those mentioned above or different incubation temperatures may be required depending on the sample, or the specifications).

After incubation, enumerate all the colonies that have appeared onto the surface of the agar. Each laboratory must evaluate the results according to their specifications.

Quality control

Physical/Chemical control	Microbiological control	Sterility control
Colour: Straw-coloured yellow. pH: 5.6 ± 0.2 at 25°C	Growth Promotion Test according to harmonized pharmacopoeial monographs and test methods & ISO 11133:2014 Inoculate: Practical range 100 ± 20 CFU; Min. 50 CFU (Productivity)/ 10 ⁴ -10 ⁶ (Selectivity). Aerobiosis. Incubation at 22.5°C±2.5, reading at 24-72 h for bacteria and 3-5 days to yeasts and moulds.	Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH Check at 7 days after incubation in same conditions

Microorganism	Growth
<i>Aspergillus brasiliensis</i> ATCC® 16404, WDCM 00053	Good (≥ 50 %)
<i>Escherichia coli</i> ATCC® 8739, WDCM 00012	Inhibited
<i>Candida albicans</i> ATCC® 10231, WDCM 00054	Good (≥ 50 %)
<i>S. cerevisiae</i> ATCC® 9763, WDCM 00058	Good (≥ 50 %)
<i>Bacillus subtilis</i> ATCC® 6633, WDCM 00003	Inhibited

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 Sistemas de Gestión certificados según ISO 9001, ISO 14001 y OHSAS 18001

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