Wort-Agar (Base)

TN1210 500 g
TN1210-01 5 kg

Intended use
Used to detect, isolate and determine the coliform count of yeasts and fungi, especially for controls in the production of drinks.

Form
Powder

Colour
Beige

Storage
Dry, tightly closed, at 10...30 °C.

Shelf life
5 years

Directions
Suspend 48 g in 1 litre distilled water, add 2.35 ml glycerin per litre culture medium and heat until completely dissolved. Autoclave for 15 minutes at 121 °C. Avoid overheating! If possible do not reliquefy!

Typical composition (g/l)

Meat peptone	0.75
Malt extract	15.0
Maltose	12.75
Dextrin	2.75
Potassium dihydrogen phosphate	0.75
Ammonium chloride	1.0
Agar	15.0

Final pH at 25 °C
5.0 ± 0.2

Microbiological quality control
Incubation: aerobically, up to 7 days at 20-25 °C

Test strain	CFU / plate	Recovery rate in %*)	Appearance of colonies
Candida albicans ATCC 10231 WDCM 00054	10 - 100	≥ 70 %	whitish, dry colonies
Saccharomyces cerevisiae ATCC 9763 WDCM 00058	10 - 100	≥ 70 %	whitish, dry colonies
Aspergillus brasiliensis ATCC 16404 WDCM 00053	10 - 100	≥ 70 %	brown to black conidia on bright mycelium

*) Reference medium used: Sabouraud Agar
A recovery rate of e.g. ≥ 70 % corresponds to a productivity ratio of P_R ≥ 0.7.

Hersteller: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 700 144-0 | F: +49 30 700 144-30 | info@sifin.de | www.sifin.de