

Yeast Extract Glucose Chloramphenicol Agar (YGC)

TN 1144

500 g



Intended use

Used for the detection and determination of the colony count of yeasts and moulds from foodstuffs.

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Yeast extract	5
Glucose	20
Chloramphenicol	0.1
Agar	10

Directions

Suspend 35.1 g in 1 litre distilled water and heat until completely dissolved. Autoclave at 121 °C for 15 minutes.

Final pH at 25 °C

6.6 ± 0.2

Microbiological quality control

Test strain	ATCC no.	Growth	Incubation
<i>Candida albicans</i>	10231	good	aerobically, 48-72 h at 25 ± 1 °C
<i>Aspergillus niger</i>	16404	good	aerobically, 48-72 h at 25 ± 1 °C
<i>Bacillus cereus</i>	11778	no growth	aerobically, 18-24 h at 36 ± 1 °C
<i>Escherichia coli</i>	25922	no growth	aerobically, 18-24 h at 36 ± 1 °C
<i>Staphylococcus aureus</i>	25923	no growth	aerobically, 18-24 h at 36 ± 1 °C

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