

# SABOURAUD CHLORAMPHENICOL GENTAMICIN TETRAZOLIUM AGAR

A selective medium for the isolation and differentiation of *Candida* spp.

<b>Dehydrated media</b>	
Code number:	500 g: STG20500, 5 kg: STG25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	5,4 – 5,8

**Direction:** Suspend **45 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes. Mix well and pour into Petri-dishes or tubes (cooling in slanted position).

<b>Prepared media</b>	
Bottled media:	100 ml: STG30100, 500 ml: STG30500
Plated media:	55 mm: STG50055, 90 mm: STG50090
Tubed media:	100 x 15 mm: STG40005 (5 ml, slant)
Colour:	Yellowish
pH (25 °C):	5,5 – 5,7

**Direction:** Dispense the melted bottled media aseptically into sterile Petri-dishes or tubes (cooling in slanted position). Media in Petri-dishes and tubes are ready to use.

## FORMULA in g/l

Sabouraud Dextrose (2%) Agar	44,60
Chloramphenicol	0,25
Gentamicin	0,10
Triphenyl tetrazolium chloride	0,05

**Note:** The typical formula can be adjusted to obtain optimal performance.

**Storage conditions:** Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Store the plated and tubed media protected from light at 2-8 °C. Use before the expiry date on the label.

### Quality control:

Test strains	Incubation temp: 25 °C	Growth	Incubation time: 48 h
<i>Candida albicans</i> ATCC 10231		Good	
<i>Escherichia coli</i> ATCC 25922		Inhibited	

**References:** Pagano et al. (1958) Antibiotics Ann. 6: 137.

**In vitro diagnostic – for professional use only!**