

## LETHEEN AGAR BASE

A highly nutritious medium that neutralizes quaternary ammonium compounds, for sampling of environmental surfaces that have been treated with disinfectants.

Dehydrated media	
Code number:	500 g: LTA20500, 5 kg: LTA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

**Direction:** Suspend **58 g** in one litre of distilled water. Add **5 ml of TWEEN 80 Supplement (TWS80100)**. Mix well and keep the suspension at about 50 °C until the lecithin dissolves completely (20 – 30 min). The dissolution is completed, when the medium is yellowish and slightly turbid, but exempt from any precipitate. Heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: LTA30100, 500 ml: LTA30500
Plated media:	55 mm: LTA50055, 90 mm: LTA50090 Contact Petri-dish: LTA50065
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	7,1 – 7,3

**Direction:** Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

### FORMULA in g/l

Peptones	32,2
Sodium chloride	5,0
Sodium bisulphite	0,1
Lecithin	0,7
Agar	20,0

**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 media protected from light at 2-8 °C. Use before the expiry date on the label.

#### Quality control:

Test strains	Incubation temp: 37 °C	Growth	Incubation time: 24 h
<i>Staphylococcus aureus</i> ATCC 29213		Good	

**References:** FDA (1992) Microbiological Methods for Cosmetics. Chapter 23.

**For professional use only!**