

## LETHEEN BROTH BASE

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

<b>Dehydrated media</b>	
Code number:	500 g: LTB20500, 5 kg: LTB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

**Direction:** Suspend **38 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 dissolved completely (20 – 30 min). The dissolution is completed, when the medium is yellowish and slightly turbid, but exempt from any precipitate. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

<b>Prepared media</b>	
Bottled media:	100 ml: LTB30100, 500 ml: LTB30500
Tubed media:	150 x 15 mm: LTB40010 (10 ml)
Colour:	Yellowish, homogeneous turbid
pH (25 °C):	7,1 – 7,3

**Direction:** Dispense the bottled media aseptically into sterile final containers. Media in tubes are ready to use.

### FORMULA in g/l

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

**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 and tubed media protected from light at room temperature. 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.

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