

LETHEEN BROTH 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: LTB20500, 5 kg: LTB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,0 – 7,4

Direction: Suspend **38g** 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). Meanwhile mix several times. Heat with frequent agitation until the medium boils well. Filter it through a fine filter. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
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.

For professional use only!