TRYPTONE SOYA BILE (mTSB) BROTH

A selective medium for the isolation of enterohemorrhagic *Escherichia coli* (EHEC).

Dehydrated media	
Code number:	500 g: TBB20500, 5 kg: TBB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **33 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: TBB30100, 500 ml: TBB30500
Tubed media:	150 x 15 mm: TBB40010 (10 ml)
Colour:	Yellowish
pH (25 °C):	7,2 – 7,4

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

FORMULA in g/l

Tryptone	17,0
Soya peptone	3,0
Bile salts	1,5
Glucose	2,5
Sodium chloride	5,0
Buffers	4,0

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 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
Escherichia coli O157	ATCC 35150	Good	
Staphylococcus aureus	ATCC 29213	Inhibited	

References: Doyle and Schoeni (1987) Appl. Envir. Microbiol. 53: 2394.

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