

## DEXTROSE TRYPTONE BROTH

A differential medium for the detection of mesophilic and thermophilic aerobic micro-organisms.

Dehydrated media	
Code number:	500 g: DTB20500, 5 kg: DTB25000
Colour:	Beige
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,7 – 7,1

**Direction:** Suspend **15 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: DTB30100, 500 ml: DTB30500
Tubed media:	150 x 15 mm: DTB40010 (10 ml)
Colour:	Purple
pH (25 °C):	6,8 – 7,0

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

### FORMULA in g/l

Tryptone	10,00
Glucose	5,00
Bromocresol purple	0,04

**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>Bacillus stearothermophilus</i> ATCC 12980		Good, colour change to yellow	

**References:** Williams (1936) Food Res. 1: 217.

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