

TRYPTOPHAN BROTH

A differential medium for the differentiation of bacteria on the basis of their ability to produce indole from tryptophan according to several ISO standards.

Dehydrated media	
Code number:	500 g: TRB20500, 5 kg: TRB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,3 – 7,7

Direction: Suspend **16 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into test tubes and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: TRB30100, 500 ml: TRB30500
Tubed media:	100 x 12 mm: TRB40003 (3 ml)
Colour:	Yellowish
pH (25 °C):	7,4 – 7,6

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

FORMULA in g/l

Tryptone	10
DL-Tryptophan	1
Sodium chloride	5

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>Escherichia coli</i>	ATCC 25922	Indole positive	
<i>Enterobacter aerogenes</i>	ATCC 13048	Indole negative	

References: ISO 6579-1:2017; 16654:2001; 21567:2004; 21872-1:2017

In vitro diagnostic – for professional use only!