

TRYPTONE SOYA YEAST EXTRACT BROTH

A highly nutritious non-selective medium for the cultivation of a wide variety of micro-organisms especially *Listeria monocytogenes*.

Dehydrated media	
Code number:	500 g: YTB20500, 5 kg: YTB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **36 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: YTB30100, 500 ml: YTB30500
Tubed media:	150 x 15 mm: YTB40010 (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
Yeast extract	6,0
Glucose	2,5
Sodium chloride	5,0
Buffers	2,5

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>Listeria monocytogenes</i>	ATCC 19115	Good	

References: APHA (1992) Compendium of Methods for the Microbiological Examination of Foods, 3rd ed. ISO 11290

In vitro diagnostic – for professional use only!