

## TRYPTONE SOYA BROTH, PH EUR - USP

A highly nutritious general-purpose medium for the cultivation of a wide variety of micro-organisms. The medium is primarily intended for the culture of fungi and aerobic bacteria according to PH EUR (Broth Medium A - Casein Soya-Bean Digest Broth - Harmonised).

<b>Dehydrated media</b>	
Code number:	500 g: TSB20500, 5 kg: TSB25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

**Direction:** Suspend **30 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.

<b>Prepared media</b>	
Bottled media:	100 ml: TSB30100, 500 ml: TSB30500
Tubed media:	150 x 15 mm: TSB40010 (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

Casein peptone	17,0
Soya peptone	3,0
Glucose monohydrate	2,5
Sodium chloride	5,0
Potassium phosphate, dibasic	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>Pseudomonas aeruginosa</i> ATCC 9027		Good	
<i>Staphylococcus aureus</i> ATCC 6538		Good	
<i>Bacillus subtilis</i> ATCC 6633		Good	

**References:** European Pharmacopoeia

**In vitro diagnostic – for professional use only!**