

TRYPTONE SOYA AGAR + LT

A highly nutritious medium that neutralizes quaternary ammonium compounds, for sampling of environmental surfaces that have been treated with disinfectants.

Dehydrated media	
Code number:	500 g: TSA20500-2N, 5 kg: TSA25000-2N
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,1 – 7,5

Direction: Suspend **40g** in one litre of distilled water. Add **5 ml of TWEEN 80 Supplement (TWS80100)**. In order to ensure the water absorption of the lecithin the following must be applied. After suspension the culture medium has to be kept at room temperature for 20 minutes. Meanwhile mix several times. After that heat the medium at 50-60 °C, then keep it for another 20 minutes. Meanwhile mix several times. After that heat the medium with frequent agitation until boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: TSA30100-2N, 500 ml: TSA30500-2N
Plated media in normal Petri-dishes:	55 mm: TSA50055-2N, 90 mm: TSA50090-2N
Plated media in contact Petri-dishes:	65 mm: TSA50065-2N
Colour:	Yellowish
pH (25 °C):	7,2 – 7,4

Direction: Dispense the melted bottled media aseptically into sterile Petri-dishes. Media in Petri-dishes are ready to use.

FORMULA in g/l

Casein peptone	15,0
Soya peptone	5,0
Sodium chloride	5,0
Lecithin	0,7
Agar	14,3

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 media protected from light at room temperature. Store the plated media protected from light at 2-8 °C. 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 27853		Good	
<i>Staphylococcus aureus</i> ATCC 29213		Good	
<i>Bacillus subtilis</i> ATCC 6633		Good	
<i>Candida albicans</i> ATCC 10231		Good	
<i>Aspergillus brasiliensis</i> ATCC 16404		Good	

References: European Pharmacopoeia

In vitro diagnostic – for professional use only!