

TRYPTONE SOYA AGAR

A highly nutritious general purpose medium for the cultivation of a wide variety of micro-organisms.

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

Direction: Suspend **45 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: TSA30100, 500 ml: TSA30500
Plated media in normal Petri-dishes:	55 mm: TSA50055, 90 mm: TSA50090
Plated media in contact Petri-dishes:	65 mm: TSA50065
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	17,0
Soya peptone	3,0
Glucose	2,5
Sodium chloride	5,0
Buffers	2,5
Agar	15,0

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	

In vitro diagnostic – for professional use only!