TRYPTONE SOYA AGAR, PH EUR - USP

A highly nutritious general-purpose medium for the cultivation of wide variety of microorganisms according to PH EUR (Casein Soya-Bean Digest Agar - Harmonised) and several ISO standards.

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 **40 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	15
Soya peptone	5
Sodium chloride	5
Agar	15

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: 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: 35 °C	**Growth**	Incubation time: 24 h
Pseudomonas aeruginosa	ATCC 9027	Good	
Staphylococcus aureus	ATCC 6538	Good	
Bacillus subtilis	ATCC 6633	Good	
Test strains	Incubation temp: 25 °C	**Growth**	Incubation time: 48 h
Candida albicans	ATCC 10231	Good	
Aspergillus brasiliensis	ATCC 16404	Good	

References: European Pharmacopoeia
ISO 9308-1:2015, ISO 21871:2006

In vitro diagnostic – for professional use only!