

Product Specification Sheet

Tryptone Soya Agar

Intended Usage: A general purpose medium for the growth of a wide variety of organisms.

For professional use only.

PO5012A	
Version: 16	Revision Date: 24 June 2020

Thermo Scientific™ Tryptone Soya Agar

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.3 ± 0.2
Appearance	Ivory, transparent
Shelf life	26 weeks
Intended Usage	A general purpose medium for the growth of a wide variety of organisms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0131.

Typical formulation*	g/l
Tryptone	15.0
Soya peptone	5.0
Sodium chloride	5.0
Agar	15.0

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labeling and printing.
2. Contamination check
 ≥120 h @ 20 – 25 °C, aerobic
 ≥120 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Controls	Growth
Inoculum 10-100 colony forming units (cfu) Incubation conditions: up to 3 days @ 30-35°C, aerobic	
<i>Escherichia coli</i> ATCC® 8739™	2 – 10 mm, cream colonies.
<i>Staphylococcus aureus</i> ATCC® 6538™	1 – 2 mm, cream shiny colonies.
<i>Pseudomonas aeruginosa</i> ATCC® 9027™	3 – 8 mm, green-yellow colonies.
<i>Bacillus subtilis</i> ATCC® 6633™	4 – 8 mm, cream colonies.
Inoculum 10-100 colony cfu Incubation conditions: up to 48 hours @ 32°C, aerobic	
<i>Clostridium sporogenes</i> ATCC® 19404™	1 – 2 mm, cream colonies.
Inoculum 10-100 cfu Incubation conditions: up to 5 days @ 20-25°C, aerobic	
<i>Candida albicans</i> ATCC® 10231™	2 mm, cream colonies.
<i>Aspergillus brasiliensis</i> ATCC® 16404™	10 – 30 mm, white mycelium, black spores.
Colony counts shall be ≥ 70% of the control medium. (Tryptone Soya Agar or Sabouraud Dextrose Agar)	

Tryptone Soya Agar and Sabouraud Dextrose Agar are used as the control medium to determine the inoculum.

Tested in accordance with BP/EP/JP/USP. Clearly visible growth within 3 days for bacteria and within 5 days for fungi.

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