

# Product Specification Sheet

## *Tryptone Soya Agar Irradiated, Triple Foiled*

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

For professional use only.

<b>PO5012B</b>	
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**Thermo Scientific™ Tryptone Soya Agar (Gamma-irradiated)**

Form of Product	Poured plate
Storage	2 – 25°C
Filling weight	25 g ± 0.5 g
Packaging	10 plates triple-wrapped in film
Dose of irradiation	11.5 – 22 kGy
pH	7.3 ± 0.2
Appearance	Ivory, transparent
Shelf life	16 weeks
Intended Usage	A general purpose medium for the growth of a 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	18.0

\*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
<b>Inoculum 10-100 colony forming units (cfu)</b> <b>Incubation conditions: up to 3 days @ 30-35°C, aerobic</b>	
<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.
<b>Inoculum 10-100 cfu</b> <b>Incubation conditions: up to 5 days @ 20-25°C, aerobic</b>	
<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 ≥ to 50% of the control medium (Tryptone Soya Agar or Sabouraud Dextrose Agar)	

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

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