

# Product Specification Sheet

*Tryptone Soya Agar (TSA) with Disinhibitor PLUS*  
*(Contact Plate)*

Intended Usage: For the enumeration of total viable organisms after cleaning and disinfection.

For professional use only.

PO5172C	
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## Thermo Scientific™ TSA with Disinhibitor PLUS Triple Wrapped Irradiated (Contact Plate)

Form of Product	Poured plate
Storage	2 – 12°C
Filling weight	13.5 g ± 5 %
Packaging	Boxes with 2 x 10 plates wrapped in film
pH	7.3 ± 0.2
Appearance	Ivory, transparent
Shelf life	12 weeks
Intended Usage	For the enumeration of total viable organisms after cleaning and disinfection. 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
Lecithin	3.0
Histidine	1.0
Sodium thiosulphate	5.0
Polysorbate 80	30.0 ml
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™	3 – 5 mm, transparent colonies.
<i>Staphylococcus aureus</i> ATCC® 6538™	1 – 3 mm, orange shiny colonies.
<i>Pseudomonas aeruginosa</i> ATCC® 9027™	2 – 5 mm, cream colonies.
<i>Bacillus subtilis</i> ATCC® 6633™	3 – 9 mm, cream colonies.
<b>Inoculum 10-100 colony forming units (cfu)</b> <b>Incubation conditions: up to 3 days @ 20-25°C, aerobic</b>	
<i>Bacillus subtilis</i> ATCC® 6633™	3 – 9 mm, cream colonies.
<b>Inoculum 10-100 colony forming units (cfu)</b> <b>Incubation conditions: up to 5 days @ 20-25°C, aerobic</b>	
<i>Candida albicans</i> ATCC® 10231™	2 – 3 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, Tryptone Soya Agar with Disinhibitors or Sabouraud Dextrose Agar).	

Growth promotion tests are derived from the United States pharmacopoeia for the microbiological control and monitoring of aseptic processing environments.

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