thermoscientific

Product Specification Sheet

Tryptone Soya Agar Irradiated, Triple Foiled

Intended Usage: A medium for the microbiological control and monitoring of aseptic processing environments

For professional use only.

	PO5012B
Version: 15	Revision Date: 25 May 2022

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	10 – 22 kGy
pH	7.3 ± 0.2
Appearance	Ivory, transparent
Shelf life	16 weeks
Intended Usage	A medium for the the microbiological control and monitoring of aseptic processing environments. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0131.

*Adjusted as required to meet performance standards.

Typical formulation*	g/l
Tryptone	15.0
Soya peptone	5.0
Sodium chloride	5.0
Agar	18.0

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**	
Escherichia coli ATCC® 8739™	2 – 10 mm, cream colonies.
Staphylococcus aureus ATCC® 6538™	1 – 2 mm, cream shiny colonies.
Pseudomonas aeruginosa ATCC® 9027™	3 – 8 mm, green-yellow colonies.
Bacillus subtilis ATCC® 6633™	3 – 9 mm, cream colonies.
Inoculum 10-100 cfu **Incubation conditions: up to 3 days @ 20-25°**C**, aerobic**	
Bacillus subtilis ATCC® 6633™	3 – 9 mm, cream colonies.
Inoculum 10-100 cfu **Incubation conditions: up to 5 days @ 20-25°**C**, aerobic**	
Candida albicans ATCC® 10231™	2 mm, cream colonies.
Aspergillus brasiliensis 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)	

Tested in accordance with the methods described in the current United States pharmacopoeia for the microbiological control and monitoring of aseptic processing environments.

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