thermoscientific

Product Specification Sheet

Tryptone Soya Agar

Intended Usage: Tryptone Soya Agar is highly nutritious general-purpose media for the growth of microorganisms from a range of sample types including clinical and non-clinical samples. Tryptone Soya Agar is recommended as a reference medium when testing selective media to measure the degree of inhibition.

Tryptone Soya Agar devices are used in a diagnostic workflow to support the clinicians for the growth of microorganisms from clinical samples of patients suspected of having microbial infections. The devices are for professional use only, are not automated and nor are they companion diagnostics.

	PO5012A
Version: 21	Revision Date: 07 May 2024

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	Intended Usage: Tryptone Soya Agar is highly nutritious general-purpose media for the growth of microorganisms from a range of sample types including clinical and non-clinical samples. Tryptone Soya Agar is recommended as a reference medium when testing selective media to measure the degree of inhibition. Tryptone Soya Agar devices are used in a diagnostic workflow to support the clinicians for the growth of microorganisms from clinical samples of patients suspected of having microbial infections. The devices are for professional use only, are not automated and nor are they companion diagnostics.
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	15.0

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 colony cfu **Incubation conditions: up to 48 hours @ 32°C, aerobic**	
Clostridium sporogenes ATCC® 19404™	1 – 2 mm, cream colonies.
Inoculum 10-100 cfu **Incubation conditions: up to 5 days @30-35°C, aerobic**	
Candida albicans ATCC® 10231™	2 mm, cream colonies.
Aspergillus brasiliensis ATCC® 16404™	10 – 30 mm, white mycelium, black spores.
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 ≥ 70% of the control medium. (Tryptone Soya Agar or Sabouraud Dextrose Agar)	

Tested in accordance with the harmonised methods described in the current European, United States and Japanese pharmacopoeias for the detection of microorganisms in non-sterile products, microbial enumeration tests.

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