

SURCHECK TRYPTIC SOY AGAR WITH PENASE (TRIPLE BAG)

INTENDED USE:

Tryptic Soy Agar with Penicillinase is used for Hygiene Monitoring (Environmental Monitoring) of air (active air samplers) on surfaces and personnel in the presence of penicillins.

PRINCIPLE AND INTERPRETATION:

The formulation of the basic medium is prepared according to Pharmacopoeial Harmonised Method and ISO Standards.

In Tryptic Soy Agar, the combination of casein and soy peptones renders the medium nutritious by supplying organic nitrogen, particularly amino acids and longer-chained peptides Sodium chloride maintains the osmotic equilibrium.

This media is supplemented with penicillinase to neutralise residuals of penicillins like benzylpenicilin, ampicillin, amxyccillin, carbenicillin, methicillin, cloxacillin and flucoxacillin.

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COMPOSITION:

Ingredients	Gr/Liter
Peptone from casein	15 gr
Soya peptone	5 gr
Sodium chloride	5 gr
Penicillinase	10.000.000 IU
Agar	15 gr

***Formula adjusted, standardized to suit performance parameters

pH: 7,3 ± 0,2

PRECAUTIONS:

For professional use only. Do not use plates if they show evidence of microbial contamination, discoloration, drying, cracking or other signs of deterioration.

TEST PROCEDURE:

Before use, agar surface should be smooth and moist, but without excessive moisture because this could be cause of confluent growth.

1. The medium should be warmed to room temperature and the surface should be dry prior to use.
2. Open the lid carefully.
3. Press the convex agar for 10 seconds on the surface to be tested with a light uniform pressure. Pressure should be the same for every sample. Do not move plate laterally.
4. Replace the lid and mark the plate with appropriate data.
5. Clean the sample area with a disinfectant in order to any remaining of the agar.
6. If the agar plate has been refrigerated, allow to warm to room temperature before inoculation.
7. Mediums used in environmental control (active air, surface control, open petri dishes and personnel) are incubated for 48 hours at 30-35 ° C and 72 hours at 20-25 ° C.

QUALITY CONTROL:**1.Sterility Control:**

Incubation 3d at 30-35°C and 5d at 30-35°C: NO GROWTH

2.Physical/Chemical Control

pH: 7,3 ± 0,2

Apperance: Light amber

3.Microbiological Control: Incubation 3d at 20-25°C and 2d at 30-35°C

Microorganism	Inoculum (CFU)	Results
		Growth
Staphylococcus aureus ATCC 6538	10-100	Good
Escherichia coli ATCC 8739	10-100	Good
Pseudomonas aeruginosa ATCC 9027	10-100	Good
Candida albicans ATCC 10231	10-100	Good
Aspergillus brasiliensis ATCC 16404	10-100	Good
Bacillus subtilis ATCC 6633	10-100	Good
Staphylococcus epidermidis ATCC 12228	10-100	Good

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2-12°C or 2-25°C. Use before expiry date on the label. Do not use beyond stated expiry date.

DISPOSAL:

Incubated prepared medium may contain active bacteria and micro-organisms. Do not open infected medium. Infected plate should be autoclaved, incinerated or opened and soaked in a chlorine-based disinfectant (liquid bleach) for 20 minutes prior to disposal.

PACKAGING:

Katalog Number: 06120

Packaging: Triple wrap

Content: 10 plates/each package

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Aseptic Sterile



Batch Code



Catalogue Number



Negative Controls



Positive Controls



Use by



Temperature Limitation



Do not reuse



Contains sufficient for <n> tests



Look at user manual



Manufacturer