

Contact Plates

Tryptone Soya Agar with Neutralizers and Penase

Technical Sheet

Use

- For the checking of total colony counts related to contaminations in the production process.

Principle

The contact plates serve to examine surface in isolators and/or clean rooms. In order to inactivate any residual disinfectants on the surface to be tested, the base medium (Tryptone Soya Agar) additionally contains 4 neutralizing agents and penase.

Formula

Peptone from casein	15.00 gr/l
Peptone from soymeal	5.00 gr/l
Sodium chloride	5.00 gr/l
Agar	15.00 gr/l
Tween 80	5.00 gr/l
Lecithin	0.70 gr/l
Histidine	0.50 gr/l
Sodium thiosulfate	0.50 gr/l
Penase (10,000,000 IU/mL)	5.00 ml/l

Warning

- For industrial use only.
 - Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Directions

- **Sampling:** Take the plate, remove the lid and press the agar surface for 10 seconds on the surface to be investigated. Replace the lid and mark the plate with relevant data.
 - Clean sample area on the surface in order to remove any remaining of the agar.
 Incubation : Aerobically at 33-35 ° C for 24 to 48 hours.
Interpretation of results: Count all present colonies.

Limitations

1) Since the nutritional requirements of organisms vary, some strains may be encountered that fail to grow or grow poorly on this medium.

QC Test

Q.C. Test Microbiological

Cultural characteristics observed after 24 hs at 33 - 35°C; aerobic	
MICROORGANISMS (ATCC)	RECOVERY RATE
<i>Staphylococcus aureus</i> (6538)	≥ 50%
<i>Escherichia coli</i> (25922)	≥ 50%
<i>Pseudomonas aeruginosa</i> (9027)	≥ 50%
<i>Bacillus subtilis</i> (6633)	≥ 50%
<i>Candida albicans</i> (10231)	≥ 50%
<i>Aspergillus brasiliensis</i> (16404)	≥ 50%

Cultural characteristics observed after 72 hs at 30 - 35°C	
STERILITY	RECOVERY RATE
	No growth
pH (post autoclaving/heating):	7.3 ± 0.2

Storage

Store between 10 to 25°C

Code

B65TSAP
 B65TSAP-20

Packing

Box x 100 units (65mm diameter plates)
 Box x 20 units (65mm diameter plates)