

# Contact Plates

## Tryptone Soya Agar with Neutralizers

### 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.

#### 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

#### 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

B65TSA  
B65TSA-20

#### Packing

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