

# PRODUCT INFORMATION



## Trypto Soy Agar with Lecithin and Tween 80 Cat. No. T20-109

Date of Issue:  
6/01/20

### DESCRIPTION

Trypto Soy Agar w/ Lecithin & Tween 80 (Polysorbate 80) is recommended for the detection and enumeration of microorganisms on surfaces where the monitoring of sanitation is important.

### PREPARATION

Mix 51.2 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. Cool to 45-50°C before dispensing into plates.

#### Formula\* per Liter:

Enzymatic Digest of Casein .....	15.0g
Soy Peptone .....	5.0g
Sodium Chloride .....	5.0g
Lecithin .....	0.70g
Tween 80.....	5.0g
Agar.....	20.5g

Final pH: 7.3 ± 0.2 at 25°C

\* Grams per liter may be adjusted or formula supplemented to obtain desired performance.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige.
2. Visually the prepared medium is trace to moderately hazy and yellow beige.
3. Expected cultural response after 18 – 48 hours at 35°C.

#### Organism:

*Bacillus subtilis* ATCC® 6633  
*Enterococcus faecalis* ATCC® 19433  
*Candida albicans* ATCC® 10231  
*Clostridium sporogenes* ATCC® 11437  
*Escherichia coli* ATCC® 25922  
*Micrococcus luteus* ATCC® 9341  
*Staphylococcus aureus* ATCC® 25923  
*Staphylococcus epidermidis* ATCC® 12228  
*Pseudomonas aeruginosa* ATCC® 27853  
*Salmonella typhimurium* ATCC® 14028

#### Result:

Growth  
Growth  
Growth  
Growth  
Growth  
Growth  
Growth  
Growth  
Growth  
Growth

### STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.