



PRODUCT INFORMATION

Trypto Soy Agar with Lecithin and Tween 80

Cat. No. T20-109

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.

FORMULA (g/L)

Enzymatic Digest of Casein	15.0 g	Lecithin	0.7 g
Soy Peptone	5.0 g	Tween 80	5.0 g
Sodium Chloride	5.0 g	Agar	20.5 g

Final pH: 7.3 ± 0.2 at 25 °C

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

PREPARATION

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

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, 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	RESULT
<i>Bacillus subtilis</i> ATCC 6633	Good Growth
<i>Enterococcus faecalis</i> ATCC 25922	Good Growth
<i>Candida albicans</i> ATCC 10231	Good Growth
<i>Clostridium sporogenes</i> ATCC 11437	Good Growth
<i>Escherichia coli</i> ATCC 25922	Good Growth

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<i>Micrococcus luteus</i> ATCC 9341	Good Growth
<i>Staphylococcus aureus</i> ATCC 25923	Good Growth
<i>Staphylococcus epidermis</i> ATCC 12228	Good Growth
<i>Pseudomonas aeruginosa</i> ATCC 27853	Good Growth
<i>Salmonella typhimurium</i> ATCC 14028	Good 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.