



Actero™ Tryptic Soy Agar w/ Lecithin & Tween 80 Product Information

Catalogue No.	Description
FCM- 187	Actero™ Tryptic Soy Agar w/ Lecithin & Tween 80 (500 G)
FCM- 186	Actero™ Tryptic Soy Agar w/ Lecithin & Tween 80 (2 KG)
FCM- 185	Actero™ Tryptic Soy Agar w/ Lecithin & Tween 80 (10 KG)

INTENDED USE

Tryptic 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* per Liter:

Casein Digest Peptone15.0g
 Papaic Digest of Soybean Meal 5.0g
 Sodium Chloride.....5.0g
 Lecithin.....0.7g
 Tween 80 (Polysorbate 80).....5.0g
 Agar20.5g

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 boiling 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 homogeneous with soft lumps 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	Growth
<i>Candida albicans</i> ATCC® 10231	Growth
<i>Clostridium sporogenes</i> ATCC® 11437	Growth
<i>Enterococcus faecalis</i> ATCC® 19433	Growth
<i>Escherichia coli</i> ATCC® 25922	Growth
<i>Micrococcus luteus</i> ATCC® 9341	Growth
<i>Pseudomonas aeruginosa</i> ATCC® 27853	Growth
<i>Salmonella typhimurium</i> ATCC® 14028	Growth
<i>Staphylococcus aureus</i> ATCC® 25923	Growth
<i>Staphylococcus epidermidis</i> ATCC® 12228	Growth

STORAGE INSTRUCTIONS:

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 light beige.

