



Actero™ Tryptic Soy Broth Product Information

Catalogue No.	Description
FCM-072	Actero™ Tryptic Soy Broth (500 G)
FCM-071	Actero™ Tryptic Soy Broth (2 KG)
FCM-070	Actero™ Tryptic Soy Broth (10 KG)

INTENDED USE

Tryptic Soy Broth commonly referred to as Soybean-Casein Digest Medium or Trypto Soy Broth, is used for the cultivation of a wide variety of microorganisms. The inclusion of Casein Peptone and Soy Peptone to the formula enhances the growth of many fastidious microorganisms without the addition of blood or serum. It can support the growth of a wide variety of microorganisms including aerobes, anaerobes and fungi.

Formula* per Liter:

Casein Digest Peptone.....17.0g
Papaic Digest of Soybean Meal3.0g
Dipotassium Phosphate.....2.5g
Sodium Chloride5.0g
Dextrose2.5g

Final pH: 7.3 ± 0.2 at 25°C

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

PREPARATION

Mix 30.0 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.

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 color.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and light beige.
2. Visually the prepared medium is clear with little or no precipitate and yellow to amber in color.
3. Expected cultural response after 1-5 days at 35°C (*20-25°C, **Anaerobic incubation, *** CO2 incubation).

Organism	Result
<i>Bacillus subtilis</i> ATCC® 6633*	Growth
<i>Apergillus niger</i> ATCC® 1604*	Growth
<i>Bacteroides vulgatus</i> ATCC® 8482**	Growth
<i>Candida albicans</i> ATCC® 10231*	Growth
<i>Clostridium sporogenes</i> ATCC® 11437**	Growth
<i>Escherichia coli</i> ATCC® 25922	Growth
<i>Micrococcus luteus</i> ATCC® 9341	Growth
<i>Neisseria meningitidis</i> ATCC® 13090***	Growth
<i>Staphylococcus aureus</i> ATCC® 25923	Growth
<i>Staphylococcus epidermidis</i> ATCC®12228	Growth
<i>Streptococcus pneumoniae</i> ATCC® 6305	Growth
<i>Streptococcus pyogenes</i> ATCC® 19615	Growth

