

PRODUCT INFORMATION



Trypto Soy Broth Cat. No. T20-110

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DESCRIPTION

Trypto Soy Broth, commonly referred to as Soybean-Casein Digest Medium or Tryptic 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.

PREPARATION

Mix 30 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring to dissolve completely. Autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and light beige.
2. Visually the prepared medium is brilliant to clear, yellow to amber and none to light precipitate.
3. Expected cultural response after 1-5 days at 35°C,
(*20-25°C, **Anaerobic incubation, *** CO2 incubation).

Organism:

Bacillus subtilis ATCC® 6633*
Aspergillus brasiliensis ATCC 16404*
Bacteroides vulgatus ATCC® 8482**
Candida albicans ATCC® 10231*
Clostridium sporogenes ATCC® 11437**
Escherichia coli ATCC® 25922
Micrococcus luteus ATCC® 9341
Neisseria meningitidis ATCC® 13090***
Staphylococcus aureus ATCC® 25923
Staphylococcus epidermidis ATCC®12228
Streptococcus pneumoniae ATCC® 6305
Streptococcus pyogenes ATCC® 19615

Formula* per Liter:

Enzymatic Digest of Casein	17.0g
Soy Peptone.....	3.0g
Sodium Chloride.....	5.0g
Dipotassium Phosphate.....	2.5g
Dextrose.....	2.5g

Final pH: 7.3 ± 0.2 at 25°C

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

Result:

Growth
Growth
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.

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