

PRODUCT INFORMATION

Dextrose Tryptone Broth

Cat. No. D04-111

DESCRIPTION

Dextrose Tryptone Broth is used for cultivating thermophilic “flat-sour” microorganisms associated with food spoilage.

FORMULA (g/L)

Tryptone	20.0 g	Dextrose	10.0 g
Bromocresol Purple	0.04 g		

Final pH: 6.7 ± 0.2 at 25 °C

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

PREPARATION

Mix 15 grams of the medium in one liter of purified water and heat to a boil with repeated stirring to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing and grayish beige.
2. Visually the prepared medium is purple and clear to slight haze.
3. Expected cultural response after 24-48 hours at 35°C.

ORGANISM	Growth
<i>Bacillus coagulans</i> ATCC 7050	Growth
<i>Bacillus stearothermophilus</i> ATCC 7953	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.