

PRODUCT INFORMATION

Tryptose Broth

Cat. No. T20-116

DESCRIPTION

Tryptose Broth is recommended for the cultivation of *Brucella* and other fastidious microorganisms, including Streptococci, Pneumococci and Meningococci. Tryptose peptone and dextrose are sources of carbon, nitrogen and energy. Sodium chloride maintains osmotic equilibrium.

FORMULA (g/L)

Tryptose	20.0 g	Sodium Chloride	5.0 g
Dextrose	1.0 g		

Final pH: 7.2 ± 0.2 at 25 °C

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

PREPARATION

Mix 26.0 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring until boiling to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige in color.
2. Visually the prepared medium is clear and yellow to light amber in color, with none to light precipitate.
3. Expected cultural response after 72 hours at 35°C (with *Brucella* and *Neisseria* incubated under CO₂ conditions):

ORGANISM	RESULT
<i>Brucella ovis</i> ATCC 25840	Growth
<i>Neisseria meningitidis</i> ATCC 13090	Growth
<i>Streptococcus pneumoniae</i> ATCC 6305	Growth
<i>Streptococcus pyogenes</i> ATCC 19615	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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