

PRODUCT INFORMATION

Your Smarter Culture Media Choice



Thioglycollate Medium, Brewer

Cat. No. T20-118

Date of issue
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DESCRIPTION

Thioglycollate Medium, Brewer is used for determining the presence of bacteria in normally sterile biological products.

PREPARATION

Mix 20.1 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil to dissolve completely. Distribute and 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 hazy, yellow w/ green top and light to no precipitation.
3. Expected cultural response 1 to 5 days at 35°C

Organism:

Bacillus subtilis ATCC® 6633
Bacteroides vulgatus ATCC® 8482
Candida albicans ATCC® 10231
Clostridium sporogenes ATCC® 11437
Micrococcus luteus ATCC® 9341

Result:

Growth
Growth
Growth
Growth
Growth

Formula* per Liter:

Casein Digest Peptone 5.0g
Soy Peptone 2.0g
Dextrose 5.0g
Sodium Chloride 5.0g
Sodium Thioglycollate 1.1g
Methylene Blue 0.002g
Agar 1.0g
Beef Extract 1.0g

Final pH: 7.2 ± 0.2 at 25°C

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

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.