

PRODUCT INFORMATION



Thioglycollate Medium w/o Indicator Cat. No. T20-105

Date of Issue:
10/01/17

DESCRIPTION

Thioglycollate Medium without Indicator is used to cultivate a variety of microorganisms, especially obligate anaerobes.

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 hazy, light amber, opaque and brown.
3. Expected cultural response after 18-24 hours at 35°C.

Organism:

Bacillus subtilis ATCC 6633
Bacteroides vulgatus ATCC 8482
Candida albicans ATCC 10231
Clostridium perfringens ATCC 13124
Micrococcus luteus ATCC 9341

Formula* per Liter:

Enzymatic Digest of Casein	17.0g
Soy Peptone	3.0g
Sodium Chloride	2.5g
Dextrose	6.0g
Sodium Thioglycollate.....	0.5g
Sodium Sulfite.....	0.1g
L-Cystine.....	0.25g
Agar.....	0.75g

Final pH: 7.0 ± 0.2 at 25°C

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

Result:

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.