

TSB W/ %20 GLYCEROL (5 ML)

INTENDED USE:

These media are used in the long-term frozen maintenance of bacterial stock cultures.

PRINCIPLE AND INTERPRETATION:

Trypticase Soy Broth are nutritious media that, when supplemented with glycerol, may be used as maintenance media for the preservation of bacterial cultures. Enzymatic digests of protein substrates act as protective colloids. Glycerol is an agent that provides intracellular and extracellular protection against freezing.

COMPOSITION:

Ingredients	Gr/Liter
Pancreatic Digest of Casein	17 gr
Papaic Digest of Soybean Meal	3 gr
Dextrose	2,5 gr
Sodium Chloride.	5 gr
Dipotassium Phosphate	2,5 gr
Glycerol	200 ml

PRECAUTIONS:

For professional use only. Do not use tubes if they show evidence of microbial contamination, discoloration or other signs of deterioration.

TEST PROCEDURE:

Using a sterile swab or inoculating loop, remove fresh growth from the plated or slanted medium and suspend in the broth maintenance medium to achieve the desired concentration of viable cells. Freeze suspension immediately at -20°C or below. Consult texts for detailed information about preparing stock cultures of specific organisms.

LIMITATIONS OF THE PROCEDURE:

The appropriate procedure, storage temperature, length of storage, etc. may vary for specific organisms.

STORAGE CONDITIONS AND SHELF LIFE:

Store the prepared medium at 2- 12°C or 2-25°C. Use before expiry date on the label. Do not use beyond stated expiry date.

DISPOSAL:

Incubated medium may contain active bacteria and micro-organisms. Do not open infected medium. Infected tube should be autoclaved, incinerated or opened and soaked in a chlorine-based disinfectant (liquid bleach) for 20 minutes prior to disposal.

PACKAGING:

Katalog Number: 01019

Content/Packaging: 50 Tubes/Box

REFERENCES:

1. MacFaddin, J.F. 1985. Media for isolation-cultivation-identification-maintenance of medical bacteria, vol. I. Williams & Wilkins, Baltimore.
2. Gherna, R.L. 1994. Culture preservation, p. 278-292. In P. Gerhardt, R.G.E. Murray, W.A. Wood, and N.R. Krieg (ed.), Methods for general and molecular bacteriology. American Society for Microbiology, Washington, D.C.
3. Norris, J.R., and D.W. Ribbons (ed.). 1970. Methods in microbiology, vol. 3A. Academic Press, Inc., New York.
4. Kirsop, B.E., and J.J.S. Snell (ed.). 1984. Maintenance of microorganisms. Academic Press, Inc., New York.

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STERILE A	Aseptic Sterile
LOT	Batch Code
REF	Catalogue Number
CONTROL -	Negative Controls
CONTROL +	Positive Controls



Use by



Temperature
Limitation



Do not reuse



Contains sufficient
for <n> tests



Look at user manual



Manufacturer