TM 935 – FDA BROTH (ATCC BACTERIOSTASIS BROTH)

INTENDED USE
For routine antimicrobial testing of antiseptics and disinfectants.

PRODUCT SUMMARY AND EXPLANATION
ATCC Bacteriostasis Broth (FDA Broth) is useful for subcultures in phenol coefficient and dilution tests of bacteriostatic, germicidal, sporicidal activity and also as a base for the preparation of ATCC Bacteriostasis Agar.

COMPOSITION

Ingredients	Gms / Ltr
Peptic digest of animal tissue	10.000
Beef extract	5.000
Sodium chloride	5.000

PRINCIPLE
The medium consists of Peptic digest of animal tissue and beef extract that are sources of carbon, nitrogen, vitamins and minerals. Sodium chloride provides essential ions.

INSTRUCTION FOR USE
- Dissolve 20.0 grams in 1000 ml purified / distilled water.
- Heat if necessary to dissolve the medium completely.
- Sterilize by autoclaving at 15 psi pressure (121°C) for 15 minutes.
- Mix well and dispense as desired.

QUALITY CONTROL SPECIFICATIONS
Appearance of Powder : Cream to yellow homogeneous free flowing powder.
Appearance of prepared medium : Amber coloured clear solution in tubes.
pH (at 25°C) : 6.8 ± 0.2

INTERPRETATION
Cultural characteristics observed after incubation.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Incubation Temperature	Incubation Period
Escherichia coli	25922	50-100	Good- luxuriant	35-37°C	18-24 Hours
Pseudomonas aeruginosa	27853	50-100	Good- luxuriant	35-37°C	18-24 Hours

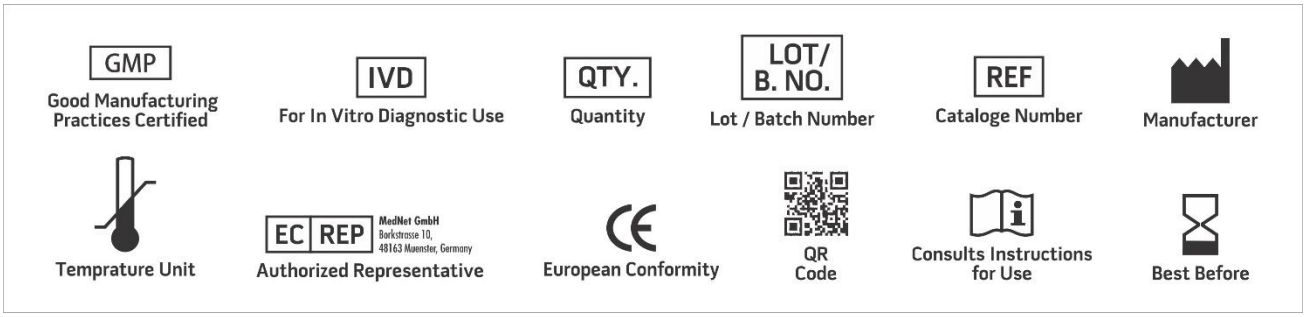
Staphylococcus aureus	6538	50-100	Good- luxuriant	35-37°C	18-24 Hours
Salmonella Typhi	6539	50-100	Good- luxuriant	35-37°C	18-24 Hours

PACKAGING:
In pack size of 500 gm bottles.

STORAGE
Dehydrated powder, hygroscopic in nature, store in a dry place, in tightly-sealed containers between 25-30°C and protect from direct sunlight. Under optimal conditions, the medium has a shelf life of 4 years. When the container is opened for the first time, note the time and date on the label space provided on the container. After the desired amount of medium has been taken out replace the cap tightly to protect from hydration.
Product Deterioration: Do not use if they show evidence of microbial contamination, discoloration, drying or any other signs of deterioration.

DISPOSAL
After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

REFERENCES
1. Williams (Ed.), 1995, Official methods of Analysis of AOAC, 16th ed. AOAC, Washington D.C.
2. Tech. Manual of AATCC, 1985, Vol. 61, AATCC, Research Triangle Park,N.C.



NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

***For Lab Use Only**

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