



# Technical Data

## Rosolic Acid (0.1 gm per vial)

FD058

Rosolic Acid solution is recommended for selective isolation of coliform bacteria.

### Composition

Per vial sufficient for 1000 ml medium

### Ingredients

### Concentration

Rosolic acid

0.100g

### Directions:

Rehydrate the contents of one vial aseptically with 10 ml of 0.2 N sterile Sodium hydroxide. Mix well and aseptically add it to 990 ml of M-FC Agar Base [M1122](#) /M-FC Agar Base, Granulated [GM1122](#)/ M-FC HiVeg™ Agar Base [MV1122](#)/ M-FC HiCynth™ Agar Base [MCD1122](#) /M-FC Broth Base [M1111](#)/ M-FC HiVeg™ Broth Base [MV1111](#) before boiling. Add 10 ml of 1% Rosolic Acid [FD058](#) to sterile, molten, cooled (45-50°C) M-FC Agar Base Modified [M1124](#)/ M-FC HiVeg™ Agar Base, Modified [MV1124](#) alongwith 50 mg Carbenicillin. Mix well and dispense as desired.

### Type of specimen

Water samples

### Specimen Collection and Handling

For water samples follow appropriate techniques for handling specimens as per established guidelines (1). After use, contaminated materials must be sterilized by autoclaving before discarding.

### Warning & Precautions

For professional use only. Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

### Storage and Shelf Life

Store at 10-30°C. Use before expiry date on the label.

### Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (2,3).

### Reference

1. Lipps WC, Braun-Howland EB, Baxter TE, eds. Standard methods for the Examination of Water and Wastewater, 24th ed. Washington DC:APHA Press; 2023.
2. Isenberg (Ed.), 2004, Clinical Microbiology Procedures Handbook, Vol.3, American Society for Microbiology, Washington. D.C.
3. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock., D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.

\* Not For Medicinal Use

Revision : 03/2024

### Disclaimer :

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