

Technical Data Sheet

MB000000F

m-FC Broth without Rosolic Acid

Dehydrated

Intended Use

For testing waste and effluent waters for fecal coliforms.
To be used with rosolic acid (MB000000R).

Typical Composition (per Liter)

Tryptone 10g
Peptone 5g
Yeast Extract 3g
Sodium Chloride 5g
Lactose 12.5 g
Bile Salts #3 1.5 g

Aniline Blue 0.1g

Composition may be adjusted and / or supplemented as required to meet performance criteria.

Media Color

Dehydrated powder: beige with slight blue tint.
Prepared medium with rosolic acid: blue
Prepared medium w/o rosolic acid: cranberry red

Storage

On receipt, store at room temperature <30°C.
Very hygroscopic. Keep cap tightly closed.
Expiry date on label applies to the medium in the intact container when properly stored.

Media Preparation Directions

Suspend 3.7 grams of the powder in 100ml of distilled or deionized water.

Add 1 ml of a 1% solution of Rosolic Acid in 0.2N NaOH.

If necessary, adjust pH to 7.4 with 1N HCl.
Heat to boiling. Cool before dispensing.

Final pH 7.4 ± 0.2 at 25°C.

Incubation temperature: 44.5 ± 0.2°C.

Incubation time: 22 - 26 hours.

Test samples of finished product for performance, using stable, typical control cultures.

Organism Appearance

Fecal coliforms appear blue
Other colonies appear gray to cream colored

Additional instructions

For laboratory use only.

National guidelines for work safety and quality assurance must be followed.

Instructions for disposal

The package must be disposed of in accordance with the current disposal guidelines. Used solutions and media that are past their shelf-life must be disposed of in accordance with local guidelines.

Hazard classification

Please observe the hazard classification printed on the label and the information given in the safety data sheet. The safety data sheet is available on the website and on request.

Status: 29-Jul-2021

20624728 Rev 1.0

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Lit.No. MK_PF8327EN

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