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m-ENDO Total Coliform Broth Dehydrated

Intended Use

For testing drinking water for total coliform detection.

Typical Composition (per Liter)

Yeast Extract 1.5g
Pancreatic Digest of Casein 5g
Thiopeptone 5g
Tryptose 10g
Lactose 12.5g
Sodium Desoxycholate 0.1g
Dipotassium Phosphate 4.375g
Monopotassium Phosphate 1.375g
Sodium Chloride 5g
Sodium Lauryl Sulfate 0.05g
Sodium Sulfate 2.1g
Basic Fuchsin 1.05g

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

Media Color

Dehydrated powder: pinkish purple.
Prepared medium: pinkish red.

Storage

On receipt, store at room temperature (below 30°C).
Protect from bright light.

Very hygroscopic. Keep cap tightly closed.

Expiry date on label applies to the medium in the intact container when properly stored.

Media Preparation Directions

Dissolve 48 grams of the powder in 1 liter of distilled water, containing 20ml ethanol.

Heat to boiling but avoid overheating.

Use Immediately.

Do Not Autoclave.

Final pH 7.2 ± 0.2 at 25°C.

Incubation temperature: 35°C $\pm 0.5^\circ\text{C}$.

Incubation time: 24 ± 2 hours.

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

Organism Appearance

Coliform colonies appear deep red with distinct green metallic sheen.

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.

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