

Specification

Medium solid of general use, recommended for studies of molecular genetics with *Escherichia coli*.

Presentation

20 Prepared Plates
90 mm
with: 21 ± 2 ml

Packaging Details

1 box with 2 packs of 10 plates/pack. Single cellophane..

Shelf Life

3,5 months

Storage

2-14°C

Composition

Composition (g/l):

Casein peptone..... 10.0

Yeast extract..... 5.0

Sodium chloride..... 10.0

Agar..... 15.0

Description /Technique

This solid medium corresponds to the basic Lennox agar formulation, modified by Miller, which increased the concentration of sodium chloride and added agar.

Technique:

Dilute and prepare samples and volumes as necessary according to specific protocols, established regulations, official directives and / or expected results. Each technician must evaluate the results according to the specifications established in his laboratory.

Quality control

Physical/Chemical control

Color : Straw-coloured yellow pH: 7.2 ± 0.2 at 25°C

Microbiological control

Inoculate: Practical range 100±20 CFU; Min. 50 CFU (Productivity).

Aerobiosis. Incubation at 35 ± 2°C. Reading at 24 hours.

Microorganism

Escherichia coli ATCC® 11775, WDCM 00090

Escherichia coli ATCC® 8739, WDCM 00012

Escherichia coli ATCC® 25922, WDCM 00013

Escherichia coli ATCC® 35218

Growth

Good (≥70 %)

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Sterility Control

Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH

Check at 7 days after incubation in same conditions

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