

Specification

Solid medium for general purposes and recommended for use in molecular genetics studies of *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 months

Storage

2-14°C

Composition

Composition (g/l):

Casein peptone..... 10.000

Yeast extract..... 5.000

Sodium chloride..... 10.000

Kanamycin..... 0.050

Agar..... 15.000

Description /Technique

A classic Miller's medium antibiotic (kanamycin) has been added for molecular genetic studies in resistant *E. coli*.

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 : Light amber

pH: 7 ± 0.2 at 25°C

Microbiological control

Spiral Spreading: Practical range 100±20 CFU; Min. 50 CFU (Productivity) / 10⁴-10⁶ CFU (Selectivity).

Aerobiosis. Incubation at 35 ± 2°C, reading after 18-24 hours

Microorganism

Escherichia coli ATCC® 25922, WDCM 00013

Escherichia coli ATCC® 35218

Growth

Inhibited

Inhibited

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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