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Rgn No : 852288
ISO 9001:2000 Certified

QUALITY CONTROL CERTIFICATE

Date :

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Product : MacConkey II Agar

Catalog No. : ISO-1750

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Reddish-purple, slightly opalescent.
2. pH at 25°C : (pH specification range: 7.1 ± 0.2)
3. Sterility : Passed inspection after 3 days.

B. BIOLOGICAL PERFORMANCE

Representative samples of this batch were inoculated with the test organisms, incubated under appropriate atmospheric conditions and gave cultural responses as indicated:

| Test Organisms | ATCC® | Inoculum (CFU's) | Incubation | Result |
|-------------------------------|-------|------------------|---------------------------|--|
| <i>Escherichia coli</i> | 25922 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, pink colonies with slight bile precipitate. |
| <i>Proteus mirabilis</i> | 12453 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, colourless colonies, swarming inhibited (partial). |
| <i>Salmonella typhimurium</i> | 14028 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, colourless colonies. |
| <i>Pseudomonas aeruginosa</i> | 27853 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, colourless to slight pinkish colonies. |
| <i>Enterococcus faecalis</i> | 29212 | 1,000-2,000 | 35±2°C, Aerobic, 24 hr | Inhibition (partial to complete). |

Representative samples of this lot were tested for microbial load and were found to be acceptable.

The pH stated was obtained at time of release, the pH may vary within the stated range depending on age of product and type of pH meter and probe used.

Results reported were obtained at time of release.

QC Manager