

**ISOLAB SDN BHD** (428427-T)

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QUALITY CONTROL CERTIFICATE

Date :

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Product : MacConkey 3 Agar

Catalog No. : ISO-1755

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>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