



ISOLAB SDN BHD (428427-T)

No. 5, Jalan Anggerik Mokara 31/46,
Kota Kemuning, 40460 Shah Alam,
Selangor Darul Ehsan, Malaysia.

Tel : +6 03-5122 5331 / 5122 5337
Fax : +6 03-5122 7191
E-mail : enquiry@isolab.com.my
Website : http://www.isolab.com.my

Rgn No : 852288
ISO 9001:2000 Certified

QUALITY CONTROL CERTIFICATE

Date :

Page : 1 of 1

Product : MacConkey Agar without Salt & Crystal Violet

Catalog No. : ISO-1740

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Reddish orange, slightly opalescent without precipitate.
2. pH at 25°C : (pH specification range: 7.4 ± 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>Enterococcus faecalis</i>	29212	100-1,000	35±2°C, Aerobic, 24 hr	Growth, red colonies.
<i>Escherichia coli</i>	25922	100-1,000	35±2°C, Aerobic, 24 hr	Growth, pink colonies.
<i>Proteus mirabilis</i>	12453	100-1,000	35±2°C, Aerobic, 24 hr	Growth, colourless colonies, marked to complete inhibition of swarming.
<i>S. typhimurium</i>	14028	100-1,000	35±2°C, Aerobic, 24 hr	Growth, colourless colonies.

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