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QUALITY CONTROL CERTIFICATE

Date :

Page : 1 of 1

Product : Desoxycholate Citrate Agar / TCBS Agar (Two Compartments)

Catalog No. : ISO-S1050

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Orange red, very slightly opalescent (DCA) & Green, slightly opalescent (TCBS Agar)
- 2 pH at 25°C : (pH specification range: 7.3 ± 0.2) Desoxycholate-Citrate Agar
- 3 pH at 25°C : (pH specification range: 8.6 ± 0.2) TCBS Agar
- 34 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
Desoxycholate-Citrate Agar				
<i>Enterococcus faecalis</i>	29212	1,000-2,000	35±2°C, Aerobic, 24 hr	Marked to complete inhibition.
<i>Escherichia coli</i>	25922	1,000-2,000	35±2°C, Aerobic, 24 hr	Partial inhibition, colonies large, flat, rose-red with bile precipitates.
<i>S. typhimurium</i>	14028	100-1,000	35±2°C, Aerobic, 24 hr	Growth, colonies large, colourless to tan.
<i>Shigella flexneri</i>	12022	100-1,000	35±2°C, Aerobic, 24 hr	Growth, colourless to pink colonies.
TCBS Agar				
<i>Escherichia coli</i>	25922	$10^3 - 10^4$	35±2°C, 24 hours,	Inhibition (partial to complete).
<i>Pseudomonas aeruginosa</i>	27853	$10^3 - 10^4$	35±2°C, 24 hours,	Inhibition (partial to complete).
<i>Enterococcus faecalis</i>	29212	$10^3 - 10^4$	35±2°C, 24 hours,	Inhibition (partial to complete).
<i>Vibrio cholerae</i>	9459	$10^3 - 10^4$	35±2°C, 24 hours,	Satisfactory growth, colonies yellow.
<i>Vibrio parahaemolyticus</i>	17802	$10^3 - 10^4$	35±2°C, 24 hours,	Satisfactory growth, colonies bluish green.

A satisfactory growth corresponds with moderate to heavy growth of the test organisms.

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