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QUALITY CONTROL CERTIFICATE

Date :

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Product : Desoxycholate-Citrate Agar / XLD Agar (Two Compartments)

Catalog No. : ISO-S1055

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Orange red, very slightly opalescent (DCA) & Red, very slightly opalescent (XLD)
- 2 pH at 25°C : (pH specification range: 7.3 ± 0.2) Desoxycholate-Citrate Agar
- 3 pH at 25°C : (pH specification range: 7.4 ± 0.2) XLD 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.
XLD Agar				
<i>Escherichia coli</i>	25922	1,000-2,000	35±2°C, Aerobic, 24 hours	Inhibition (partial to complete), colonies yellow to yellow red with slight bile precipitate.
<i>Salmonella typhimurium</i>	14028	100-1,000	35±2°C, Aerobic, 24 hours	Satisfactory growth, colonies red with black centre.
<i>Shigella flexneri</i>	12022	100-1,000	35±2°C, Aerobic, 24 hours	Satisfactory growth, colonies red.
<i>Enterococcus faecalis</i>	29212	1,000-2,000	35±2°C, Aerobic, 24 hours	Inhibition (complete).

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