



## QUALITY CONTROL CERTIFICATE

Date :

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Product : XLD Agar

Catalog No. : ISO-2460

Manufacture Date :

Batch No. :

Expiry Date :

### A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Red, very slightly opalescent.
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>Escherichia coli</i>       | 25922 | 1,000-2,000      | 35±2°C,<br>Aerobic, 24 hr | Inhibition (partial to complete), colonies yellow to yellow red with slight bile precipitate. |
| <i>Salmonella typhimurium</i> | 14028 | 100-1,000        | 35±2°C,<br>Aerobic, 24 hr | Satisfactory growth, colonies red with black centre.  |
| <i>Shigella flexneri</i>      | 12022 | 100-1,000        | 35±2°C,<br>Aerobic, 24 hr | Satisfactory growth, colonies red.  |
| <i>Enterococcus faecalis</i>  | 29212 | 1,000-2,000      | 35±2°C,<br>Aerobic, 24 hr | 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