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QUALITY CONTROL CERTIFICATE

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Product : Levine EMB Agar

Catalog No. : ISO-1730 Manufacture Date :
Batch No. : Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance: Wine red colour with a green to orange cast, 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 |
|------------------------|-------|---------------------|---------------------------|--|
| Escherichia coli | 25922 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, large blue-black colonies with green metallic sheen. |
| Proteus mirabilis | 12453 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, colonies large, colourless, swarming inhibited. |
| S. typhimurium | 14028 | 100-1,000 | 35±2°C, Aerobic, 24 hr | Growth, colonies large, colourless to amber. |
| Streptococcus faecalis | 29212 | 1,000-2,000 | 35±2°C, Aerobic, 24 hr | Inhibition (partial), 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