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Mgn No : 852288
ISO 9001:2000 Certified

QUALITY CONTROL CERTIFICATE

Date :

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Product : Trypticase Soy II Agar with 5% Sheep Blood

Catalog No. : ISO-2390

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Cherry red, uniform mixing, no browning.
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>Streptococcus pyogenes</i> | 19615 | 30-300 | 35±2°C, CO ₂ , 24 hrs, | Satisfactory growth, beta hemolysis. |
| <i>Streptococcus pneumoniae</i> | 6305 | 30-300 | 35±2°C, CO ₂ , 24 hrs, | Satisfactory growth, alpha hemolysis. |
| <i>Staphylococcus aureus</i> | 25923 | 30-300 | 35±2°C, Aerobic, 24 hrs, | Satisfactory growth, beta hemolysis. |
| <i>Escherichia coli</i> | 25922 | 30-300 | 35±2°C, Aerobic, 24 hrs, | Satisfactory growth. |
| <u>CAMP Test</u> | | | | |
| <i>Streptococcus agalactiae</i> | 12386 (Group B) | | 35±2°C, Aerobic, 24 hrs, | Arrowhead area of clearing. |
| <i>Streptococcus pyogenes</i> | 19615 | | 35±2°C, Aerobic, 24 hrs, | No arrowhead formation. |

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