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QUALITY CONTROL CERTIFICATE

Date :

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Product : Trypticase Soy Agar with 5% Sheep Blood (TSA II) / Mannitol Salt Agar with Oxacillin (Two Compartments)

Catalog No. : ISO-S1120

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Cherry red, uniform mixing, no browning (TSAII) & Pinkish red, slightly opalescent (MSAOXSA)
2. pH at 25°C : (pH specification range: 7.4 ± 0.2) TSAIISB
- pH at 25°C : (pH specification range: 7.4 ± 0.2) Mannitol Salt Agar with Oxacillin
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
Trypticase Soy Agar with 5% Sheep Blood (TSA II)				
<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.
Mannitol Salt Agar with Oxacillin				
<i>Staphylococcus aureus</i>	25923	100-1,000	35±2°C, Aerobic, 24-48 hr	Growth, small to large yellow colonies. Colonies with yellow zones at 48 hr.
<i>Staphylococcus epidermidis</i>	12228	100-1,000	35±2°C, Aerobic, 24-48 hr	Growth, small to large red colonies. Colonies with red zones at 48 hr.
<i>Proteus mirabilis</i>	12022	100-1,000	35±2°C, Aerobic, 24-48 hr	Partial inhibition.
<i>Staphylococcus aureus</i>	43300	105 - 106	35±2°C, Aerobic, 24 hours	Growth, yellow or medium yellow 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