

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT: Blood- MacConkey Agar Plate

PRODUCT CODE NO: BB001-50

QUALITY CONTROL TESTS: DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|---------------------------------|--|
| COLOUR | Red coloured medium of Blood Agar Red coloured medium with purplish tinge of MacConkey Agar. |
| PH | Blood Agar: 7.3 ± 0.2 MacConkey Agar: 7.1 ± 0.2 |
| APPEARANCE | Sterile Blood and MacConkey Agar in 85mm disposable Biplates |
| STERILITY TEST (AFTER 48 HOURS) | Sterile |

QUALITY CONTROL TESTS: MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after incubation at 35-37°C for 18-48 hours.

| Microorganism (ATCC) | Inoculum (CFU) | Growth On Macconkey Agar | Color On Mac Agar | Growth On Blood Agar | Haemolysis |
|-------------------------------|-----------------|--------------------------|------------------------------|----------------------|------------|
| Escherichia coli 25922 | [50-100] | [Luxuriant] | Pink-red w/ bile precipitate | - | - |
| Staphylococcus aureus 25923 | [$\geq 10^3$] | Inhibited | - | Luxuriant | Beta |
| S. serotype enteritidis 13076 | [50-100] | Luxuriant | Colorless | - | - |
| Streptococcus pyogenes 19615 | [50-100] | - | - | Luxuriant | Beta |
| Streptococcus pneumoniae 6303 | [50-100] | - | - | Luxuriant | Alpha |
| Enterobacter aerogenes 13048 | [50-100] | Luxuriant | Pink-red | - | - |
| Proteus vulgaris 13315 | [50-100] | Luxuriant | Colorless | - | - |
| S. serotype paratyphi A 9150 | [50-100] | Luxuriant | Colorless | - | - |

| | | | | | |
|------------------------------|----------|-----------|----------------|---|---|
| S. serotype paratyphi B 8759 | [50-100] | Luxuriant | Colorless | - | - |
| Enterococcus faecalis 29212 | [50-100] | None-poor | Colorless-pink | - | - |
| Shigella flexneri 12022 | [50-100] | Fair-good | Colorless | - | - |
| S. serotype typhi 6539 | [50-100] | Luxuriant | Colorless | - | - |

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particular use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

This document has been produced electronically and is valid.

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