

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Lauryl sulphate broth (Lauryl Tryptose Broth)

**PRODUCT CODE NO.:** B220

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------|--------------------------------|
| COLOR      | Cream to Light yellow          |
| APPEARANCE | Homogenous free flowing powder |

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS                         | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|--------------------------------|
| pH(post autoclaving/heating)       | 6.8+/-0.2                      |
| COLOR (post autoclaving/heating)   | Light amber to light yellow    |
| CLARITY (post autoclaving/heating) | clear solution                 |

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural characteristics observed after 18 - 24 hrs at 35-37°C.

| Organism Description            | Inoculum(CFU) | Growth      | Gas Production      | Indole production(44 0C)  |
|---------------------------------|---------------|-------------|---------------------|---|
| Escherichia coli ( 25922 )      | [50-100]      | [Luxuriant] | [Positive reaction] | [Positive reaction, red ring on the interface of the medium on addition of Kovac's reagent] |
| Enterobacter aerogenes (13048)  | [50-100]      | [Luxuriant] | [Positive reaction] | [Negative reaction,no red ring / cloudy ring ]  |
| Enterococcus faecalis (29212 )  | [>=103]       | [Inhibited] | [-]                 | [-]   |
| Salmonella typhimurium (14028 ) | [50-100]      | [Luxuriant] | [Negative reaction] | [Negative reaction,no red ring / cloudy ring ]  |
| Staphylococcus aureus (25923 )  | [>=103]       | [Inhibited] | [-]                 | [-]   |

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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