

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Cetrimide agar base

**PRODUCT CODE NO.:** B975

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS                         | SPECIFICATIONS/STANDARD VALUES         |
|------------------------------------|--|
| pH(post autoclaving/heating)       | 7.2+/-0.2                              |
| COLOR (post autoclaving/heating)   | Light amber                            |
| CLARITY (post autoclaving/heating) | Opalescent gel with slight precipitate |

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural response was observed after an incubation at 30-35°C for specified time. Recovery rate is considered as 100% for bacteria growth on Soyabean Casein Digest Agar.

| Organism Description                    | Inoculum(CFU ) (Standard) | Growth (Standard) | Observed lot value | Recovery | Incubation temperature | Incubation period |  |
|---|---------------------------|-------------------|--------------------|----------|------------------------|-------------------|--|
| Pseudomonas aeruginosa ATCC9027         | [>=104]                   | [Luxuriant]       | [25-100]           | [>=50 %] | [30 -35 °C ]           | [<=18 hrs]        |  |
| Escherichia coli ATCC 8739              | [>=104]                   | [Inhibited]       | [0]                | [0%]     | [30 -35 °C ]           | [>=72 hrs]        |  |
| Pseudomonas aeruginosa ATCC27853        | [>=104]                   | [Luxuriant]       | [25 -100]          | [>=50 %] | [30 -35 °C ]           | [18 -24 hrs]      |  |
| Stenotrophomonas maltophilia ATCC 13637 | [>=104]                   | [Inhibited]       | [0]                | [0%]     | [30 -35 °C ]           | [>=72 hrs]        |  |
| Escherichia coli ATCC 25922             | [>=104]                   | [Inhibited]       | [0]                | [0%]     | [30 -35 °C ]           | [>=72 hrs]        |  |
| Escherichia coli NCTC 9002              | [>=104]                   | [Inhibited]       | [0]                | [0%]     | [30 -35 °C ]           | [>=72 hrs]        |  |

|                                   |         |             |           |         |              |             |
|-----------------------------------|---------|-------------|-----------|---------|--------------|-------------|
| Staphylococcus aureus ATCC6538    | [>=104] | [Inhibited] | [0]       | [0%]    | [30 -35 °C ] | [>=72 hrs]  |
| Staphylococcus aureus ATCC25923   | [>=104] | [Inhibited] | [0]       | [0%]    | [30 -35 °C ] | [>=72 hrs]  |
| Salmonella Typhimurium ATCC14028  | [>=104] | [Inhibited] | [0]       | [0%]    | [30 -35 °C ] | [>=72 hrs]  |
| Proteus mirabilis ATCC 29906      | [>=104] | [Inhibited] | [0]       | [0%]    | [30 -35 °C ] | [>=72 hrs]  |
| Pseudomonas aeruginosa ATCC 25668 | [>=104] | [Luxuriant] | [25 -100] | [>=50%] | [30 -35 °C ] | [18-24 hrs] |

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.

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