

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

**PRODUCT :** Phenol red egg yolk polymyxin agar base (myp agar base)

**PRODUCT CODE NO.:** B672

### QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------|--------------------------------|
| COLOR      | Light Pink                     |
| APPEARANCE | Homogenous free flowing powder |

### QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS                         | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|--------------------------------|
| pH(post autoclaving/heating)       | 7.1+/-0.2                      |
| COLOR (post autoclaving/heating)   | Light Pink                     |
| CLARITY (post autoclaving/heating) | Opaque.                        |

### QUALITY CONTROL TESTS : MICROBIOLOGICAL

#### CULTURAL RESPONSE:

Cultural characteristics observed with added Egg Yolk Emulsion (BF003) and Polymyxin B Sulphate (BF 005) after an incubation at 32°C for 18-40 hours.

| Organism Description              | Inoculum (CFU) | Growth      | Recovery | Colour of colony | Lecithinase activity                      |
|-----------------------------------|----------------|-------------|----------|------------------|---|
| Bacillus cereus ATCC10876         | [50-100]       | [luxuriant] | [>=50%]  | [red]            | [positive, opaque zone around the colony] |
| Bacillus subtilis ATCC 6633       | [50-100]       | [luxuriant] | [>=50%]  | [yellow]         | [negative]                                |
| Escherichia coli ATCC 25922       | [50-100]       | [none-poor] | [<=10%]  | [-]              | [-]                                       |
| Proteus mirabilis ATCC 25933      | [50-100]       | [luxuriant] | [>=50%]  | [red]            | [negative]                                |
| Pseudomonas aeruginosa ATCC 27853 | [50-100]       | [none-poor] | [<=10%]  | [-]              | [-]                                       |
| Staphylococcus aureus ATCC 25923  | [50-100]       | [luxuriant] | [>=50%]  | [yellow]         | [positive, opaque zone around the colony] |

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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