

# BIOMARK LABORATORIES, INDIA

## CERTIFICATE OF ANALYSIS

:  
**PRODUCT :** Antibiotic assay medium no.2 (base agar) (antibiotic assay medium -b) i.p.

**PRODUCT CODE NO:** BS002

### 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)       | 6.6+/-0.2                      |
| COLOR (post autoclaving/heating)   | Cream to amber                 |
| CLARITY (post autoclaving/heating) | Clear to slightly opalescent   |

### QUALITY CONTROL TESTS: MICROBIOLOGICAL

#### CULTURAL RESPONSE:

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

| Organism Description             | Inoculum (CFU) | Growth      | Recovery | Antibiotics assayed  |
|----------------------------------|----------------|-------------|----------|--|
| Bacillus subtilis ATCC 6633      | [50-100]       | [luxuriant] | [>=70%]  | [Spiramycin]   |
| Staphylococcus aureus ATCC 29737 | [50-100]       | [luxuriant] | [>=70%]  | [Amikacin, Cephalothin, Cephapirin, Chlortetracycline, Cloxacillin, Cycloserine, Demeclocycline, Doxycycline, Kanamycin, Methacycline, Nafcillin, Oxytetracycline, Rolitetracycline, Tetracycline] |
| Staphylococcus aureus ATCC 9144  | [50-100]       | [luxuriant] | [>=70%]  | [Tylosin]  |
| Micrococcus luteus ATCC 10240    | [50-100]       | [luxuriant] | [>=70%]  | [Bacitracin]   |

|                                       |          |             |         |   |
|---------------------------------------|----------|-------------|---------|---|
| Staphylococcus epidermidis ATCC 12228 | [50-100] | [luxuriant] | [>=70%] | [Novobiocin]                                |
| Klebsiella pneumoniae ATCC 10031      | [50-100] | [luxuriant] | [>=70%] | [Capreomycin, Streptomycin, Troleandomycin] |
| Escherichia coli ATCC 10536           | [50-100] | [luxuriant] | [>=70%] | [Chloramphenicol, Spectinomycin]            |
| Enterococcus hirae ATCC 10541         | [50-100] | [luxuriant] | [>=70%] | [Gramicidin, Thiostrepton, Tobramycin]      |

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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