



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

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|--|---------------------------------|
| Product Name: MYP Agar Base (Phenol Red Egg Yolk Polymyxin Agar Base) | |
| Product Code: DM687 | Expiry Date :25/06/2024 |
| Lot Number: 05380619 | Release Date: 26/06/2019 |
| Analytical Report Number: QAD/AR-19/06-0652 | Page No: 1 of 3 |

| DEHYDRATED MEDIUM | | | |
|---|--|--|----------------|
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color | Light yellow to light pink color powder | Light yellow | Complies |
| Consistency | Homogeneous free flowing powder | Homogeneous free flowing powder | Complies |
| PREPARED MEDIUM | | | |
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color of medium | Basal medium : Red coloured After Addition of Egg Yolk Emulsion (MS038) : Light orange coloured | Basal medium : Red coloured After Addition of Egg Yolk Emulsion (MS038) : Light orange coloured | Complies |
| Clarity of medium (After sterilization) | Basal medium: clear to slightly opalescent gel After Addition of Egg Yolk Emulsion (MS038) : opaque gel forms in Petri plates | Basal medium: clear to slightly opalescent gel After Addition of Egg Yolk Emulsion (MS038) : opaque gel forms in Petri plates | Complies |
| pH (After sterilization) | 7.00-7.40 at 25°C | 7.29 | Complies |
| Gel strength | Firm, comparable with 1.5% Agar gel | Firm, comparable with 1.5% Agar gel | Complies |

Dm687COA,QAD/FR/031,Rev.00/01.01.2018

Micromaster laboratories Pvt.Ltd
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CULTURAL PARAMETERS: Cultural characteristics observed with added Egg Yolk Emulsion (MS038) and Polymyxin B Sulphate (MS002) after an incubation at 32°C for 18-40 hours.

| Organisms | Incubation time/ temp | No. of organisms inoculated | No. of organisms recovered | Percentage recovery | Growth | Colour of Colony | Lecithinase Activity | Remarks |
|--|-----------------------|-----------------------------|----------------------------|---------------------|----------------|------------------|---|----------|
| <i>Bacillus subtilis</i> ATCC 6633 | 32°C\ 18-40 hrs | 73 | 60 | 82% | Good-luxuriant | Yellow | Negative | Complies |
| <i>Escherichia coli</i> ATCC 25922 | 32°C\ 18-40 hrs | 86 | 10 | 11% | None-poor | -- | -- | Complies |
| <i>Proteus mirabilis</i> ATCC 25933 | 32°C\ 18-40 hrs | 58 | 49 | 84% | Good-luxuriant | Red | Negative | Complies |
| <i>Pseudomonas aeruginosa</i> ATCC 27853 | 32°C\ 18-40 hrs | 86 | 09 | 10% | None-poor | -- | -- | Complies |
| <i>Staphylococcus aureus</i> ATCC 25923 | 32°C\ 18-40 hrs | 85 | 73 | 85% | Good-luxuriant | Yellow | Positive, opaque zone around the colony | Complies |

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Final Results: **COMPLIES**

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

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|---|---|---|
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| TESTED BY (Pooja Sutar) MICROBIOLOGIST | CHECKED BY (Madhavi Sawant) HEAD MICROBIOLOGY | APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE |

End Of The Report

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