



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

| | |
|---|---------------------------------|
| Product Name: Columbia Agar | |
| Product Code: DM063E | Expiry Date : 23/08/2023 |
| Lot Number: 05130818 | Release Date: 25/08/2018 |
| Analytical Report Number: QAD/AR-18/08-824 | Page No: 1 of 2 |

| DEHYDRATED MEDIUM | | | |
|--|--|--|----------------|
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color | Cream to yellow | Cream to yellow | Complies |
| Consistency | Homogenous, free flowing powder | Homogenous, free flowing powder | Complies |
| PREPARED MEDIUM | | | |
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color of medium | Light amber colored medium | Light amber colored medium | Complies |
| Clarity of medium (After sterilization) | clear to slightly opalescent gel forms in Petri plates | clear to slightly opalescent gel forms in Petri plates | Complies |
| pH (After sterilization) | 7.10-7.50 at 25°C | 7.14 | Complies |
| Gel strength | Firm as compared to 1.5% Agar gel | Firm as compared to 1.5% Agar gel | Complies |



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY




| | |
|--|--------------------------|
| Product Name: Columbia Agar | |
| Product Code: DM063E | Expiry Date : 23/08/2023 |
| Lot Number: 05130818 | Release Date: 25/08/2018 |
| Analytical Report Number: QAD/AR-18/08-824 | Page No: 2 of 2 |

CULTURAL PARAMETERS: Cultural characteristics was observed under anaerobic conditions after an incubation at 30-35°C for 48 hours. Recovery rate is considered as 100% for bacteria growth on Soyabean Casein Digest Agar.

| Organisms | Incubation time/ temp | No. of organisms inoculated | No. of organisms recovered | Percentage recovery | Growth | Remarks |
|--|------------------------|-----------------------------|----------------------------|---------------------|----------------|----------|
| Growth promoting | | | | | | |
| <i>Clostridium sporogenes</i> ATCC 19404 | 35-37°C / 24-48 hrs | 74 | 54 | 78% | Good-luxuriant | Complies |
| <i>Clostridium sporogenes</i> ATCC 11437 | 35-37°C / 24-48 hrs | 62 | 45 | 72% | Good-luxuriant | Complies |
| <i>Clostridium perfringens</i> ATCC 13124 | 35-37°C / 24-48 hrs | 72 | 61 | 84% | Good-luxuriant | Complies |
| <i>Bacteroides vulgatus</i> ATCC 8482 | 35-37°C / 24-48 hrs | 75 | 66 | 88% | Good-luxuriant | Complies |

Final Results: COMPLIES

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

| | | |
|---|---|---|
|  |  |  |
| TESTED BY (Madhura Kadam) MICROBIOLOGIST | CHECKED BY (Aditi Modak) HEAD MICROBIOLOGY | APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE |

End Of The Report