

CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY



| | |
|--|--------------------------|
| Product Name: Tergitol-7 Agar Base (Chapman) | |
| Product Code: DM256 | Expiry Date : 12/04/2022 |
| Lot Number: 02300417 | Release Date: 12/04/2017 |
| Analytical Report Number: QAD/AR-17/04-400 | Page No: 1 of 2 |

| DEHYDRATED MEDIUM | | | |
|---|--|--|----------|
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color | Cream to light green color powder | Cream to light green color powder | Complies |
| Consistency | Homogeneous free flowing powder | Homogeneous free flowing powder | Complies |
| PREPARED MEDIUM | | | |
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color of medium | Green coloured medium | Green coloured 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) | 6.70-7.10at 25°C | 6.70 | Complies |
| Gel strength | Firm, comparable with 1.5% Agar gel | Firm, comparable with 1.5% Agar gel | Complies |

CULTURAL PARAMETERS: Cultural characteristics observed after an incubation at 35-37°C for 18-48 hours, with added TTC solution 1% (MS029).

| Organisms | Incubation time/ temp | No. of organisms inoculated | No. of organisms recovered | Percentage recovery | Growth | Remarks |
|---|-----------------------|-----------------------------|----------------------------|---------------------|----------------|----------|
| <i>Enterobacter aerogenes</i> ATCC 13048 | 35-37°C\ 18-48 hrs | 73 | 53 | 72% | Good-luxuriant | Complies |
| <i>Escherichia coli</i> ATCC 25922 | 35-37°C\ 18-48 hrs | 80 | 59 | 73% | Good-luxuriant | Complies |
| <i>Proteus mirabilis</i> ATCC 25933 | 35-37°C\ 18-48 hrs | 80 | 60 | 75% | Good-luxuriant | Complies |
| <i>Pseudomonas aeruginosa</i> ATCC 27853 | 35-37°C\ 18-48 hrs | 81 | 51 | 64% | Good | Complies |
| <i>Salmonella Typhimurium</i> ATCC 14028 | 35-37°C\ 18-48 hrs | 84 | 54 | 65% | Good | Complies |
| <i>Staphylococcus aureus</i> ATCC 25923 | 35-37°C\ 18-48 hrs | >=10 ⁹ | 0 | 0% | Inhibited | Complies |
| <i>Shigella flexneri</i> ATCC 12022 | 35-37°C\ 18-48 hrs | 79 | 62 | 78% | Good-luxuriant | Complies |

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QAD/FR/01

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Manufacture & Exporter

Culturing your needs in Microbiology...

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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.

| | | |
|---|---|---|
|  |  |  |
| TESTED BY (Daniya Kazi) MICROBIOLOGIST | CHECKED BY (Vijayalakshmi Poojari) HEAD MICROBIOLOGY | APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE |

End Of The Report

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