



CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

| | |
|---|---------------------------------|
| Product Name: Simmon's Citrate Agar (Pack of 6 Slants) | |
| Product Code: SB031- 6SL | Expiry Date: 12/11/2019 |
| Lot Number: 02750518 | Release Date: 12/05/2018 |
| Analytical Report Number: QAD/AR-18/05-455 | Page No: 1 of 2 |

| PREPARED MEDIUM | | | |
|---|---|---|----------------|
| TEST CONDUCTED | SPECIFICATION | OBSERVATIONS | REMARKS |
| Color of medium | Forest green colored solution | Forest green colored solution | Complies |
| Clarity of medium (After sterilization) | Clear to slightly opalescent gel forms in tubes as slants | Clear to slightly opalescent gel forms in tubes as slants | Complies |
| pH (After sterilization) | 6.60-7.00 at 25°C | 6.82 | Complies |
| Gel strength | Firm as compared to 1.5% Agar gel | Firm as compared to 1.5% Agar gel | Complies |
| Quantity of Medium | 10 ml | 10ml | Complies |
| PREINCUBATION CHECK OF MEDIUM | | | |
| Pre Incubation Check | No growth should be observed after incubation at 30-35 °C for 24 - 48 hrs | No growth observed after incubation at 30-35 °C for 24 - 48 hrs | Complies |

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

| Organisms | Incubation time/ temp | Growth | Citrate Utilisation | Remarks |
|--|------------------------------|------------------|----------------------------------|----------------|
| <i>Enterobacter aerogenes</i> ATCC 13048 | 35-37°C / 18-24 hrs. | Good - luxuriant | Positive reaction, Blue color | Complies |
| <i>Escherichia coli</i> ATCC 25922 | 35-37°C / 18-24 hrs. | Inhibited | -- | Complies |
| <i>Salmonella choleraesuis</i> ATCC 12011 | 35-37°C / 18-24 hrs. | Good - luxuriant | Positive reaction, Blue color | Complies |
| <i>Salmonella enteritidis</i> ATCC 13076 | 35-37°C / 18-24 hrs. | Good - luxuriant | Positive reaction, Blue color | Complies |



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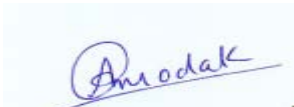

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CULTURAL PARAMETERS: Cultural characteristics observed after an incubation at 35-37°C for 18-48 hours.

| Organisms | Incubation time/ temp | Growth | Citrate Utilisation | Remarks |
|---|-------------------------|------------------|-----------------------------------|----------|
| <i>Salmonella typhi</i> ATCC 6539 | 35-37°C / 18-24 hrs. | Fair to good | Negative reaction, Green color | Complies |
| <i>Salmonella typhimurium</i> ATCC 14028 | 35-37°C / 18-24 hrs. | Good - luxuriant | Positive reaction, Blue color | Complies |
| <i>Shigella dysenteriae</i> ATCC 13313 | 35-37°C / 18-24 hrs. | Inhibited | -- | Complies |

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

End Of The Report