# CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

| | |
|---|---|
| **Product Name: Selenite F Broth (Twin Pack)** | |
| **Product Code: DM241** | **Expiry Date : 30/11/2022** |
| **Lot Number: 07751017** | **Release Date: 30/11/2017** |
| **Analytical Report Number: QAD/AR-17/11-1326** | **Page No: 1 of 2** |

| DEHYDRATED MEDIUM | | | |
|---|---|---|---|
| **TEST CONDUCTED** | **SPECIFICATION** | **OBSERVATIONS** | **REMARKS** |
| Color | Part A : White to light yellow powder | Part A : White to light yellow powder | Complies |
| | Part B : White to cream crystalline powder | Part B : White to cream crystalline powder | |
| Consistency | Homogenous, free flowing powder | Homogenous, free flowing powder | Complies |
| **PREPARED MEDIUM** | | | |
| **TEST CONDUCTED** | **SPECIFICATION** | **OBSERVATIONS** | **REMARKS** |
| Color of medium | Cream to yellow coloured | Cream to yellow coloured | Complies |
| Clarity of medium (after sterilization) | Clear solution without any precipitate (Mixture of 1.9% w/v Part A and 0.4% Part B) | Clear solution without any precipitate | Complies |
| pH (after sterilization) | 6.80-7.20 at 25°C | 7.09 | Complies |
| Gel strength | Not applicable | Not applicable | Complies |

*DO NOT AUTOCLAVE. Excessive heating is detrimental. Discard the prepared medium if large amounts of selenite is reduced (indicated by red precipitate at the bottom of tube/bottle).



**Micromaster Laboratories Pvt. Ltd**

Manufacturer & Exporter

Unit No.38/39, Kalpataru Industrial Estate, Near Runwal Estate, Behind R Mall, Ghodbunder Road, Thane (W) - 400607, Maharashtra, India

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**CULTURAL PARAMETERS:**

| Organisms | Incubation time/ temp | No. of organisms inoculated | Growth of organisms recovered | Colour of colony | Remarks |
|---|---|---|---|---|---|
| | | | When subcultured on MacConkey Agar ( DM143) | | |
| *Escherichia coli ATCC 25922* | 35-37°C/ 18-24 hrs | 89 | None to poor (no increase in numbers) | Pink with bile Precipitate | Complies |
| *Salmonella choleraesuis ATCC 12011* | 35-37°C/ 18-24 hrs | 75 | Good-luxuriant | Colourless | Complies |
| *Salmonella typhi ATCC 6539* | 35-37°C/ 18-24 hrs | 77 | Good-luxuriant | Colourless | Complies |
| *Salmonella typhimurium ATCC 14028* | 35-37°C/ 18-24 hrs | 83 | Good-luxuriant | Colourless | Complies |
| *Escherichia coli ATCC 8739* | 35-37°C/ 18-24 hrs | 82 | None to poor (no increase in numbers) | Pink with bile Precipitate | Complies |
| *Escherichia coli NCTC 9002* | 35-37°C/ 18-24 hrs | 86 | None to poor (no increase in numbers) | Pink with bile Precipitate | Complies |

## Final Results: COMPLIES

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

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

**End Of The Report**



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