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## Certificate of Analysis

**Product** 24415 - M17 Agar Base  
**Batch No** 8891439  
**Analysis Date** 11-May-2024  
**Date of Manufacture** May 2024  
**Expiry Date/Re-Test Date** May 2027

| Test Parameters  | Standards   | Actual Results |
|--|---|----------------|
| Appearance (Colour)                                    | Cream coloured  | Complies       |
| Appearance (Form)                                      | Free flowing, homogeneous powder                      | Complies       |
| Solubility   | 33.25 gm/liter  | Complies       |
| Solubility before autoclaving (Clarity)                | Clear to slightly opalescent                          | Complies       |
| Gel strength   | Firm, comparable with 1.5% agar gel                   | Complies       |
| pH (25°C)  | 7.1 ± 0.2   | 7.11 Complies  |
| Prepared Medium Appearance after autoclaving (Clarity) | Light to medium amber                                 | Complies       |
| Prepared Medium Appearance after autoclaving (Colour)  | Clear to very slightly opalescent                     | Complies       |
| Cultural Response                                      | Inoculate and incubate at 35°C - 37°C for 24-48 hours |                |
| Organism   | Enterococcus faecalis<br>ATCC 29212                   |                |
| Inoculum (cfu) 10-100                                  | Growth : Good<br>Recovery : =>50.0%                   | Complies       |
| Organism   | Lactobacillus leichmanii<br>ATCC 4797                 |                |
| Inoculum (cfu) 10-100                                  | Growth : Good<br>Recovery : =>50.0%                   | Complies       |
| Organism   | Lactobacillus plantarum<br>ATCC 8014                  |                |
| Inoculum (cfu) 10-100                                  | Growth : Good<br>Recovery : =>50%                     | Complies       |
| Organism   | Lactobacillus bulgaricus<br>ATCC 11842                |                |
| Inoculum (cfu) 10-100                                  | Growth : None- poor<br>Recovery : =>10.0%             | Complies       |
| Organism   | Streptococcus thermophilus<br>ATCC 14485              |                |
| Inoculum (cfu) 10-100                                  | Growth : Good<br>Recovery : =>50.0%                   | Complies       |

FRM/82/11/3/24415 Rev No. 1 Date 04/05/2022

Prepared by Shikha

In compliance with the standard specifications of SRL

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