

## Certificate of Analysis

Certificate No: BMDX/COA/P/179/2025

**Product Name:** Xylose Lysine Deoxycholate Agar  
**Product Code:** FP90X1001  
**Lot No:** 251030001  
**Expiry date:** 25/12/2025  
**Date of Analysis:** 30/10/2025 – 31/10/2025  
**Parameter Requirement:** Physical, Chemical and Microbiological Analysis

| Physical & Chemical Test | Specification                                     | Results |
|--------------------------|---------------------------------------------------|---------|
| Color                    | Red, slightly opalescent                          | Passed  |
| pH                       | 7.40 ± 0.2                                        | Passed  |
| Hardness                 | Semi-solid with a firm, smooth, & bounces surface | Passed  |
| Pour Depth/Thickness     | 3.00-3.50mm                                       | Passed  |

| Microbiological Test                                                        | Specification                  | Results |
|-----------------------------------------------------------------------------|--------------------------------|---------|
| <i>Shigella flexneri</i> ATCC® 12022                                        | Irregular red colonies         | Passed  |
| <i>Salmonella enterica subsp. enterica serotype Typhimurium</i> ATCC® 14028 | Red colonies, black centers    | Passed  |
| <i>Escherichia coli</i> ATCC® 25922                                         | No growth or yellow colonies   | Passed  |
| <i>Enterococcus faecalis</i> ATCC® 29212                                    | Inhibition partial to complete | Passed  |
| Uninoculated plate                                                          | No growth                      | Passed  |

### Sample statement:

1. Culture media were prepared according to procedure SP-PD-BMDX-02 Production Process Control and SP-PD-BMDX-11 Product Specification.
2. Culture media were kept at temperature conditions 2-8°C.
3. QC Organisms were prepared and followed according to procedure SP-QC-BMDX-07 Quality Control Testing and SP-PD-BMDX-11 Product Specification.

### Result:

The information given is believed to be correct, all results reported in this certificate relate only to the product in this certificate of analysis according to SP-PD-BMDX-11 Product Specification.

Sign by:



Fairuz Ayuni Binti Abdul Halim

QC Executive

BSc. in Microbiology with Honours

Date: 31/10/2025

