

Certificate of Analysis

Certificate No: BMDX/COA/P/412/2026

Product Name: Xylose Lysine Deoxycholate Agar
Product Code: FP90X1001
Lot No: 260428004
Expiry date: 23/06/2026
Date of Analysis: 28/04/2026 – 30/04/2026
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:

- Culture media were prepared according to procedure SP-PD-BMDX-02 Production Process Control and SP-PD-BMDX-11 Product Specification.
- Culture media were kept at temperature conditions 2-8°C.
- 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: 30/04/2026

