Certificate of Analysis

Certificate No: BMDX/COA/P/187/2025

Product Name: Xylose Lysine Deoxycholate Agar
Product Code: FP90X1001
Lot No: 251110001
Expiry date: 05/01/2026
Date of Analysis: 10/11/2025 – 12/11/2025
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
***Shigella flexneri* ATCC® 12022**	Irregular red colonies	Passed
Salmonella enterica subsp. enterica serotype Typhimurium ATCC® 14028	Red colonies, black centers	Passed
***Escherichia coli* ATCC® 25922**	No growth or yellow colonies	Passed
Enterococcus faecalis 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: 12/11/2025

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