

## **Certificate of Analysis**

Certificate No: BMDX/COA/P/151/2025

Product Name: TCBS/ XLD Agar Product Code: SP90T2011 Lot No: 251010003 Expiry Date: 16/01/2026

**Date of Analysis:** 13/10/2025 – 14/10/2025

Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	TCBS: Green slightly opalescent colored gel XLD: Red slightly opalescent colored gel	Passed Passed
рН	TCBS: 8.6 ± 0.2	Passed
Hardness	XLD: 7.4 ± 0.2	Passed
Pour Depth/Thickness	Semi-solid with a firm, smooth & bounces surface TCBS: 3.00-3.50mm	Passed Passed
Four Deptily Illickness	XLD: 3.00-3.50mm	Passed
Microbiological Test	Specification	Results
TCBS Agar		
Vibrio alginolyticus ATCC® 17749	Growth. Yellow colonies	Passed
Vibrio parahaemolyticus ATCC® 17802	Growth. Blue Green colonies	Passed
Escherichia coli ATCC® 25922	No Growth	Passed
Uninoculated plate	No Growth	Passed
XLD Agar		
Salmonella enterica subsp. enterica serotype Typhimurium ATCC® 14028	Red colonies, black centers	Passed
Shigella flexneri ATCC® 12022	Irregular red colonies	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:



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Date: 14/10/2025

