Biomed Global

Certificate of Analysis

Certificate No: BMDX/COA/P/065/2025

Product Name: TCBS/ XLD Agar
Product Code: SP90T2011
Lot No: 2507170001
Date of Analysis: 21/07/2025 – 22/07/2025
Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	TCBS: Green slightly opalescent colored gel	Passed
	XLD: Red slightly opalescent colored gel	Passed
pH	TCBS: 8.6 ± 0.2	Passed
	XLD: 7.4 ± 0.2	Passed
Hardness	Semi-solid with a firm, smooth & bounces surface	Passed
Pour Depth/Thickness	TCBS: 3.00-3.50mm	Passed
	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.

Biomed MDX Sdn Bhd
8, Jalan IAN 3, Industri Angkasa Nuri,
76100 Durian Tunggal, Melaka, Malaysia

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
Universiti Putra Malaysia

Date: 22/07/2025