Biomed Global

Certificate of Analysis

Certificate No: BMDX/COA/P/153/2025

Product Name: MacConkey Agar
Product Code: FP90M1001
Lot No: 251013002
Expiry date: 19/01/2026
Date of Analysis: 14/10/2025 – 15/10/2025
Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	Medium-dark, rose-tan, trace of slight hazy	Passed
pH	7.10 ± 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
Escherichia coli ATCC® 25922	Pink to red growth	Passed
Proteus mirabilis ATCC® 12453	Growth Colorless Inhibition of swarming	Passed
Salmonella choleraesuis subsp. cholerasuis serotype Typhimurium ATCC® 14028	Growth. Colorless	Passed
Staphylococcus aureus ATCC® 25923	No growth	Passed
Enterococcus faecalis ATCC® 29212	No growth	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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QC Executive
BSc. in Microbiology with Honours
Universiti Putra Malaysia

Date: 15/10/2025

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