

Certificate of Analysis

Certificate No: BMDX/COA/P/163/2025

Product Name: Columbia Agar with 5% Horse Blood / MacConkey III

Product Code: SP90C2032 Lot No: 2501021001 Expiry date: 06/01/2026

Date of Analysis: 21/10/2025 – 22/10/2025

Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	Columbia Agar with 5% Horse Blood: Red	Passed
	MacConkey III Agar: Dark red colored gel	Passed
	Columbia Agar with 5% Horse Blood: 7.3 ± 0.2	Passed
рН	MacConkey III Agar: 7.1 ± 0.2	Passed
	Semi-solid with a firm, smooth, & bounces surface	Passed
Hardness Pour Depth/Thickness	Columbia Agar with 5% Horse Blood: 3.00mm to 3.50mm	Passed
	MacConkey III Agar: 3.00mm to 3.50mm	Passed

Microbiological Test	Specification	Results
Columbia Agar with 5% Horse Blood: E. coli ATCC® 25922 E. faecalis ATCC® 29212 S. pyogenes ATCC® 19615 S. pneumoniae ATCC® 6305 C. albicans ATCC® 60193 Uninoculated plate	Growth at 24 hours, beta hemolysis Growth at 24 hours, gamma hemolysis Growth at 24 hours, beta hemolysis Growth at 24 hours, alpha hemolysis Growth at 24 hours, white colonies, no hemolysis No growth	Passed Passed Passed Passed Passed Passed
MacConkey III Agar: E. coli ATCC® 25922 P. mirabilis ATCC® 12453 Salmonella choleraesuis subsp. choleraesuis serotype Typhimurium ATCC® 14028	Pink to red growth Growth colorless inhibition of swarming Growth. Colorless	Passed Passed Passed
E. faecalis ATCC® 29212 S. aureus ATCC® 25923 Uninoculated plate	No growth No growth No growth	Passed Passed 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

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Date: 22/10/2025

