

Certificate of Analysis

Certificate No: BMDX/COA/P/437/2026

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

Product Code: SP90C2032

Lot No: 260511003

Expiry date: 27/07/2026

Date of Analysis: 11/05/2026 – 13/05/2026

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 |
| pH | Columbia Agar with 5% Horse Blood: 7.3 ± 0.2 | Passed |
| | MacConkey III Agar: 7.1 ± 0.2 | Passed |
| Hardness | Semi-solid with a firm, smooth, & bounces surface | Passed |
| 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: | | |
| <i>E. coli</i> ATCC® 25922 | Growth at 24 hours, beta hemolysis | Passed |
| <i>E. faecalis</i> ATCC® 29212 | Growth at 24 hours, gamma hemolysis | Passed |
| <i>S. pyogenes</i> ATCC® 19615 | Growth at 24 hours, beta hemolysis | Passed |
| <i>S. pneumoniae</i> ATCC® 6305 | Growth at 24 hours, alpha hemolysis | Passed |
| <i>C. albicans</i> ATCC® 60193 | Growth at 24 hours, white colonies, no hemolysis | Passed |
| Uninoculated plate | No growth | Passed |
| MacConkey III Agar: | | |
| <i>E. coli</i> ATCC® 25922 | Pink to red growth | Passed |
| <i>P. mirabilis</i> ATCC® 12453 | Growth colorless inhibition of swarming | Passed |
| <i>Salmonella choleraesuis subsp. choleraesuis serotype</i> | Growth. Colorless | Passed |
| <i>Typhimurium</i> ATCC® 14028 | | |
| <i>E. faecalis</i> ATCC® 29212 | No growth | Passed |
| <i>S. aureus</i> ATCC® 25923 | No growth | Passed |
| Uninoculated plate | No growth | Passed |

Sample statement:

- Culture media were prepared according to procedure SP-PD-BMDX-02 Production Process Control and SP-PD-BMDX-11 Product Specification.
- Culture media were kept at temperature conditions 2-8°C.
- 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: 13/05/2026

