

## Certificate of Analysis

Certificate No: BMDX/COA/P/433/2026

**Product Name:** Columbia Agar with 5% Sheep Blood  
**Product Code:** FP90C2002  
**Lot No:** 260507004  
**Expiry date:** 06/08/2026  
**Date of Analysis:** 07/05/2026 – 13/05/2026  
**Parameter Requirement:** Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	Cherry red opaque, no hemolysis	Passed
pH	7.3 ± 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
<i>Escherichia coli</i> ATCC® 25922	Growth	Passed
<i>Enterococcus faecalis</i> ATCC® 29212	Growth, gamma hemolysis	Passed
<i>Streptococcus pneumoniae</i> ATCC® 6305	Growth, alpha hemolysis	Passed
<i>Streptococcus pyogenes</i> ATCC® 19615	Growth, beta hemolysis	Passed
<i>Candida albicans</i> ATCC® 60913	Growth	Passed
<i>Bacteroides fragilis</i> ATCC® 25285	Growth	Passed
Uninoculated plate	No growth	Passed
CAMP test	Positive Control: Enhanced beta-hemolysis (arrowhead-shaped zone) at junction of two organisms	Passed
	Negative Control: No enhancement of hemolysis	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:**



**Fairuz Ayuni Binti Abdul Halim**  
**QC Executive**  
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**Date:** 13/05/2026

