

Certificate of Analysis

Certificate No: BMDX/COA/P/225/2025

Product Name: Columbia Agar with 5% Sheep Blood / SDA
Product Code: SP90C1021
Lot No: 251128001
Expired Date: 27/02/2026
Date of Analysis: 02/12/2025 – 05/12/2025
Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	Columbia Agar with 5% Sheep Blood: Cherry red, opaque, no hemolysis	Passed
	SDA: Pale to medium, yellow to tan, clear to slightly hazy.	Passed
pH	Columbia Agar with 5% Sheep Blood: 7.3 ± 0.2	Passed
	SDA: 5.6 ± 0.2	Passed
Hardness	Semi-solid with a firm, smooth, & bounces surface	Passed
Pour Depth/Thickness	Columbia Agar with 5% Sheep Blood: 3.00mm to 3.50mm	Passed
	SDA: 4.00mm to 4.50mm	Passed

Microbiological Test	Specification	Results
Columbia Agar with 5% Sheep Blood:		
<i>E. coli</i> ATCC® 25922	Growth at 24 hours, beta hemolysis	Passed
<i>E. faecalis</i> ATCC® 9533	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, no hemolysis	Passed
Uninoculated plate	No growth	Passed
SDA:		
<i>C. albicans</i> ATCC® 60193	Growth. Straw colonies	Passed
<i>T. mentagrophytes</i> ATCC® 9533	Growth. Pale straw colored colonies.	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 control 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: 05/12/2025



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