

Certificate of Analysis

Certificate No: BMDX/COA/103/2025

Product Name: Mueller Hinton with 5% Sheep Blood

Product Code: FP90M2021

Lot No: 250909001

Expiry date: 09/12/2025

Date of Analysis: 10/09/2025 – 11/09/2025

Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results
Color	Red	Passed
pH	7.30 ± 0.1	Passed
Hardness	Semi-solid with a firm, smooth, & bounces surface	Passed
Pour Depth/Thickness	4.00-4.50mm	Passed

Microbiological Test	Antimicrobial Agent	Acceptable range (mm or (µg/mL)	Zone Diameter (mm) or MIC (µg/mL)
<i>Streptococcus pneumoniae</i> <i>ATCC® 49619</i>	Erythromycin 15 µg	25-30	26
	Clindamycin 2 µg	19-25	21
	Trimethoprim-sulfamethoxazole 1.25/23.75 µg	20-28	20
	Penicillin	0.25-1	0.38
	Uninoculated late	No growth	-

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:



Fairuz Ayuni Binti Abdul Halim

QC Executive

BSc. in Microbiology with Honours

Universiti Putra Malaysia

Date: 11/09/2025

