

Certificate of Analysis

Certificate No: BMDX/COA/P/205/2025

Product Name: Mueller Hinton with 5% Sheep Blood

Product Code: FP90M2021

Lot No: 251118001

Expiry date: 17/02/2026

Date of Analysis: 19/11/2025 – 20/11/2025

Parameter Requirement: Physical, Chemical and Microbiological Analysis

Physical & Chemical Test	Specification	Results	
Color	Red	Passed	
pH	7.30 \pm 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 $\mu\text{g/mL}$)	Zone Diameter (mm) or MIC ($\mu\text{g/mL}$)
<i>Streptococcus pneumoniae</i> ATCC [®] 49619	Erythromycin 15 μg Clindamycin 2 μg Trimethoprim-sulfamethoxazole 1.25/23.75 μg Penicillin	25-30 19-25 20-28 0.25-1	30 23 21 0.50
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: 20/11/2025



Biomed MDX Sdn Bhd
8, Jalan IAN 3, Industri Angkasa Nuri,
76100 Durian Tunggal, Melaka, Malaysia