

CERTIFICATE OF ANALYSIS

PRODUCT CM0055B
BLOOD AGAR BASE 500g

LOT NUMBER 6251578

EXPIRY DATE 2030.04.30

DATE OF MANUFACTURE 2025.03.29

Delivery/Customer information

Date Printed

2025.04.25

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 2	Straw 2-3
pH (25°C)	7.3	7.1 - 7.5
Clarity	Clear	Clear
Blood compatibility with horse blood	Satisfactory	Satisfactory
Blood compatibility with sheep blood	Satisfactory	Satisfactory

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
Aerobic incubation at 37°C for 24 hours				
<i>Staphylococcus aureus</i> ATCC®25923	41	40	98	White/straw cols
<i>Pseudomonas aeruginosa</i> ATCC®27853	53	49	92	Straw cols, no pigmentation
<i>Escherichia coli</i> ATCC®25922	40	43	108	Straw cols
Enriched with 7% v/v horse blood				
Aerobic incubation at 37°C for 24 hours				
<i>Streptococcus pyogenes</i> ATCC®19615	26	24	92	Pale cols, β haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6303	65	53	82	Grey/green, mucoid cols, alpha haem
<i>Streptococcus pneumoniae</i> ATCC®6305	53	45	85	Grey/green cols, alpha haemolysis
<i>Haemophilus influenzae</i> ATCC®19418	14	18	129	Pale cols

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Growth of *Haemophilus* spp. in the presence of X & V factor discs
Aerobic incubation at 37°C for 18 hours

	X Factor (mm)	V Factor (mm)	X+V Factor (mm)
<i>Haemophilus influenzae</i> ATCC®49247	0	0	16
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	34	39

Enriched with 7% v/v horse blood
Bacitracin activity
Aerobic incubation at 37°C for 18 hours

	Zone Size (mm)	Limits (mm)
<i>Streptococcus pyogenes</i> ATCC®19615	18	10 - 22

Control Medium: Blood Agar Base

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium from an inoculum of 10-100 colony-forming units (cfu).
Refer to product specification for full details.

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Lot Accepted. 2025.04.25

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