

CERTIFICATE OF ANALYSIS

PRODUCT CM0331B
COLUMBIA BLOOD AGAR BASE 500g

LOT NUMBER 6293897

EXPIRY DATE 2030.07.31

DATE OF MANUFACTURE 2025.07.16

Delivery/Customer information

Date Printed

2025.08.04

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 2-3	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	42	41	98	Cream cols
Anaerobic incubation at 37°C for 48 hours				
<i>Clostridium sporogenes</i> ATCC®19404	54	49	91	Pale straw cols
<i>Clostridium sporogenes</i> ATCC®11437	36	36	100	Pale straw cols
Enriched with 5% v/v horse blood				
Aerobic incubation at 37°C for 24 hours				
<i>Streptococcus pyogenes</i> ATCC®19615	40	36	92	Pale straw cols, beta haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	11	12	109	Grey/green cols, alpha haemolysis
Enriched with 5% v/v horse blood				
Microaerophilic incubation at 37°C for 48 hours				
<i>Neisseria gonorrhoeae</i> NCTC11148	25	27	108	Grey/brown cols
Growth of <i>Haemophilus</i> 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	20	
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	39	40	

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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	17	10 - 20

Testing has been performed in accordance with ISO11133:2014

Enriched with 5% v/v sheep blood

Microaerophilic incubation at 41.5 ± 2°C for 44 ± 4 hours

<i>C. jejuni</i> ATCC®29428 WDCM00156	65	73	112	Grey, mucoid cols
<i>C. jejuni</i> ATCC®33291 WDCM00005	72	70	97	Grey, mucoid cols
<i>C. coli</i> ATCC®43478 WDCM00004	84	95	113	Grey, mucoid cols
	Initial Inoculum	Test Result		
<i>Streptococcus pyogenes</i> ATCC®19615	3600	Pale straw cols, beta haemolysis		
<i>Streptococcus pneumoniae</i> ATCC®6305	2200	Grey/green cols, alpha haemolysis		
<i>Staphylococcus aureus</i> ATCC®25923	640	Cream cols		
<i>Escherichia coli</i> ATCC®25922	1560	Cream cols		

Control Medium: Columbia Blood Agar Base

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.
Refer to product specification for full details.

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Lot Accepted. 2025.08.04

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