

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0331T  
COLUMBIA BLOOD AGAR BASE 5kg

**LOT NUMBER** 6301706

**EXPIRY DATE** 2030.08.31

**DATE OF MANUFACTURE** 2025.08.05

## Delivery/Customer information

Date Printed

2025.08.18

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
<b>Aerobic incubation at 37°C for 24 hours</b>				
<i>Staphylococcus aureus</i> ATCC®25923	57	57	100	Cream cols
<b>Anaerobic incubation at 37°C for 48 hours</b>				
<i>Clostridium sporogenes</i> ATCC®19404	76	82	108	Pale straw cols
<i>Clostridium sporogenes</i> ATCC®11437	41	45	110	Pale straw cols
<b>Enriched with 5% v/v horse blood</b>				
<b>Aerobic incubation at 37°C for 24 hours</b>				
<i>Streptococcus pyogenes</i> ATCC®19615	85	94	111	Pale straw cols, beta haemolysis
<i>Streptococcus pneumoniae</i> ATCC®6305	58	49	84	Grey/green cols, alpha haemolysis
<b>Enriched with 5% v/v horse blood</b>				
<b>Microaerophilic incubation at 37°C for 48 hours</b>				
<i>Neisseria gonorrhoeae</i> NCTC11148	45	33	73	Grey/brown cols
<b>Growth of <i>Haemophilus</i> spp. in the presence of X &amp; V factor discs</b>				
<b>Aerobic incubation at 37°C for 18 hours</b>				
	<b>X Factor (mm)</b>	<b>V Factor (mm)</b>	<b>X+V Factor (mm)</b>	
<i>Haemophilus influenzae</i> ATCC®49247	0	0	20	
<i>Haemophilus parainfluenzae</i> ATCC®33392	0	37	34	

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0331T  
**COLUMBIA BLOOD AGAR BASE 5kg**  
**LOT NUMBER** 6301706

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

	<b>Zone Size (mm)</b>	<b>Limits (mm)</b>
<i>Streptococcus pyogenes</i> ATCC®19615	19	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	80	58	73	Grey, mucoid cols
<i>C. jejuni</i> ATCC®33291 WDCM00005	69	65	94	Grey, mucoid cols
<i>C. coli</i> ATCC®43478 WDCM00004	79	75	95	Grey, mucoid cols
	<b>Initial Inoculum</b>	<b>Test Result</b>		
<i>Streptococcus pyogenes</i> ATCC®19615	1700	Pale straw cols, beta haemolysis		
<i>Streptococcus pneumoniae</i> ATCC®6305	1160	Grey/green cols, alpha haemolysis		
<i>Staphylococcus aureus</i> ATCC®25923	1140	Cream cols		
<i>Escherichia coli</i> ATCC®25922	1180	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. 2025.08.18

This certificate is produced electronically and valid without a signature.

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