

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0337B  
MUELLER HINTON AGAR 500g

**LOT NUMBER** 6322830

**EXPIRY DATE** 2030.09.26

**DATE OF MANUFACTURE** 2025.09.27

Delivery/Customer information
Date Printed 2025.10.24
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)	7.2	7.2 - 7.4
Clarity	Clear	Clear

**Microbiological Performance**

Antibiotic susceptibility tests are performed in accordance with, and meet the acceptance limits of, the current ISO/TS 16782. Performance is assessed using EUCAST methodology.

***Staphylococcus aureus* ATCC®25923 WDCM00034**  
Incubation at 35 ± 1°C for 16-20 hours in ambient air

	Zone Size (mm)	Limits (mm)
Erythromycin E15	27	22 - 30
Tetracycline TE30	28	24 - 30
Ciprofloxacin CIP5	24	22 - 30
Amoxicillin-clavulanate AMC30	35	28 - 36
Ampicillin-sulbactam SAM20	31	29 - 37
Linezolid LZD30	25	25 - 32
Cefoxitin FOX30	28	23 - 29
Gentamicin CN10	24	19 - 27
Penicillin P10	36	26 - 37

***Staphylococcus aureus* ATCC®29213 WDCM00131**  
Incubation at 35 ± 1°C for 16-20 hours in ambient air

	Zone Size (mm)	Limits (mm)
Penicillin P1	15	12 - 18
Cefoxitin FOX30	26	24 - 30
Ciprofloxacin CIP5	22	21 - 27
Erythromycin E15	25	23 - 29
Gentamicin CN10	20	19 - 25
Linezolid LZD10	25	21 - 27
Tetracycline TE30	25	23 - 31

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***Staphylococcus aureus* ATCC®43300 WDCM00211**  
**Incubation at 35 ± 1°C for 24 hours in ambient air**

	Zone Size (mm)	Limits (mm)
Cefoxitin FOX30	15	<21

***Staphylococcus aureus* NCTC12493 WDCM00212**  
**Incubation at 35 ± 1°C for 24 hours in ambient air**

Cefoxitin FOX30	20	14 - 20
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***Escherichia coli* ATCC®25922 WDCM00013**  
**Incubation at 35 ± 1°C for 16-20 hours in ambient air**

Ampicillin AMP10	18	15 - 22
Chloramphenicol C30	24	21 - 27
Gentamicin CN10	19	19 - 26
Trimethoprim-sulfamethoxazole SXT25	29	23 - 29
Amoxicillin-clavulanate AMC30	19	18 - 24
Ciprofloxacin CIP5	34	30 - 40
Sulfisoxazole SF300	18	15 - 23
Tetracycline TE30	24	18 - 25
Cefotaxime CTX5	28	25 - 31
Tigecycline TGC15	22	20 - 27

***Escherichia coli* ATCC®35218**  
**Incubation at 35 ± 1°C for 16-20 hours in ambient air**

Amoxicillin-clavulanate AMC30	19	17 - 22
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***Pseudomonas aeruginosa* ATCC®27853 WDCM00025**  
**Incubation at 35 ± 1°C for 16-20 hours in ambient air**

Gentamicin CN10	19	16 - 21
Imipenem IPM10	23	20 - 28
Aztreonam ATM30	26	23 - 29
Ciprofloxacin CIP5	28	25 - 33
Tobramycin TOB10	23	19 - 25
Ceftazidime CAZ10	27	21 - 27
Piperacillin-tazobactam TZP36	26	23 - 29

***Enterococcus faecalis* ATCC®33186 WDCM00210**  
**Incubation at 35 ± 1°C for 16-20 hours in ambient air**

Trimethoprim-sulfamethoxazole SXT25	29	20 -
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***Enterococcus faecalis* ATCC®29212 WDCM00087**  
**Incubation at 35 ± 1°C for 16-20 hours in ambient air**

Ampicillin AMP2	20	15 - 21
Imipenem IPM10	27	24 - 30
Linezolid LZD10	22	19 - 25
Nitrofurantoin F100	22	18 - 24
Trimethoprim W5	30	24 - 32
Trimethoprim-sulfamethoxazole SXT25	32	26 - 34
Vancomycin VA5	14	10 - 16

***Streptococcus pneumoniae* ATCC®49619**  
**Enriched with 5% v/v horse blood and 20mg/L β-NAD**

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**Incubation at 35 ± 1°C for 18-20 hours in 5% CO<sub>2</sub>**

	<b>Zone Size (mm)</b>	<b>Limits (mm)</b>
Vancomycin VA5	21	<23

***Haemophilus influenzae* ATCC®49247**

**Enriched with 5% v/v horse blood and 20mg/L β-NAD**

**Incubation at 35 ± 1°C for 18-20 hours in 5% CO<sub>2</sub>**

Ampicillin AMP2	6	6 - 12
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***Haemophilus influenzae* ATCC®49766**

**Enriched with 5% v/v horse blood and 20mg/L β-NAD**

**Incubation at 35 ± 1°C for 18-20 hours in 5% CO<sub>2</sub>**

Cefixime CFM5	32	29 - 35
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Control Medium: Mueller-Hinton Agar

Refer to product specification for full details.

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Lot Accepted. 2025.10.17

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