

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM1032B  
**HEART INFUSION BROTH** 500g

**LOT NUMBER** 6196280

**EXPIRY DATE** 2029.11.30

**DATE OF MANUFACTURE** 2024.11.13

## Delivery/Customer information

Date Printed

2025.01.23

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Straw powder	Straw powder
Colour on reconstitution	Straw 3-4	Straw 3-4
pH (25°C)	7.3	7.2 - 7.6
Clarity	Clear	Clear

Microbiological Performance	Initial Inoculum	Test Result
<b>Aerobic incubation at 37 ± 2°C for 18 hours</b>		
<i>Streptococcus pyogenes</i> ATCC®19615	18	Turbid growth
<i>Streptococcus pneumoniae</i> ATCC®6303	35	Turbid growth
<i>Streptococcus pneumoniae</i> ATCC®6305	19	Turbid growth
<i>Enterococcus faecalis</i> ATCC®19433	31	Turbid growth
<i>Pseudomonas aeruginosa</i> ATCC®27853	39	Turbid growth
<b>Anaerobic incubation at 37 ± 2°C for 18 hours</b>		
<i>Streptococcus pneumoniae</i> ATCC®6305	19	Turbid growth
<b>Aerobic incubation at 37 ± 2°C for 48 hours</b>		
<i>Candida albicans</i> ATCC®10231	40	Turbid growth
<b>Addition of 0.1% w/v bacteriological agar</b>		
<b>Aerobic incubation at 37 ± 2°C for 48-72 hours</b>		
<i>Bacteroides fragilis</i> ATCC®25285	48	Turbid growth
<b>Enriched with X &amp; V factor discs</b>		
<b>Aerobic incubation at 37 ± 2°C for 24 hours</b>		
<i>Haemophilus influenzae</i> ATCC®33391	38	Turbid growth
<b>Enriched with 10% v/v horse blood</b>		
<b>Aerobic incubation at 37 ± 2°C for 48 hours and subculture onto chocolate agar</b>		
<i>Neisseria meningitidis</i> ATCC®13077	14	Grey/brown cols
<i>Neisseria gonorrhoeae</i> NCTC11148	76	Grey/brown cols
<i>Neisseria gonorrhoeae</i> ATCC®19424	79	Grey/brown cols

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### Tube coagulase test

#### Aerobic incubation at 37 ± 2°C for 4 hours

<i>Staphylococcus aureus</i> ATCC®9144	1E+04-1E+06	Positive
<i>Staphylococcus epidermidis</i> ATCC®14990	1E+04-1E+06	Negative

### Tested in accordance with current CLSI M22 A

#### Aerobic incubation at 33-37°C for 18 hours

<i>Staphylococcus aureus</i> ATCC®25923	57	Turbid growth
<i>Escherichia coli</i> ATCC®25922	36	Turbid growth

Control Media: Tryptone Soya Agar, Columbia Blood Agar Base enriched with 5% v/v horse blood, Columbia Blood Agar Base enriched with 5% v/v chocolate horse blood or Sabouraud Dextrose Agar, where appropriate

A satisfactory result is represented by visible growth from an inoculum of 10-100 colony-forming units (cfu).

For *Neisseria* species, a satisfactory result is represented by a positive diagnostic reaction, on subculture, from an inoculum of 10-100 cfu.

For Tube coagulase test, a satisfactory result is represented by the appropriate coagulase reaction from an inoculum of 1E+04 to 1E+06 cfu.

Refer to product specification for full details.

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Lot Accepted. 2025.01.20

This certificate is produced electronically and valid without a signature.

ATCC is a registered trade mark of the American Type Culture Collection.

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