

# CERTIFICATE OF ANALYSIS

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

**LOT NUMBER** 6261198

**EXPIRY DATE** 2030.05.31

**DATE OF MANUFACTURE** 2025.04.17

## Delivery/Customer information

Date Printed

2025.05.10

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)	7.2	7.2 - 7.6
Clarity	Clear	Clear

Microbiological Performance	Initial Inoculum	Test Result
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### Aerobic incubation at 37 ± 2°C for 18 hours

<i>Streptococcus pyogenes</i> ATCC®19615	49	Turbid growth
<i>Streptococcus pneumoniae</i> ATCC®6303	40	Turbid growth
<i>Streptococcus pneumoniae</i> ATCC®6305	68	Turbid growth
<i>Enterococcus faecalis</i> ATCC®19433	25	Turbid growth
<i>Pseudomonas aeruginosa</i> ATCC®27853	63	Turbid growth

### Anaerobic incubation at 37 ± 2°C for 18 hours

<i>Streptococcus pneumoniae</i> ATCC®6305	68	Turbid growth
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### Aerobic incubation at 37 ± 2°C for 48 hours

<i>Candida albicans</i> ATCC®10231	46	Turbid growth
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### Addition of 0.1% w/v bacteriological agar

<b>Aerobic incubation at 37 ± 2°C for 48-72 hours</b>		
<i>Bacteroides fragilis</i> ATCC®25285	65	Turbid growth

### Enriched with X & V factor discs

<b>Aerobic incubation at 37 ± 2°C for 24 hours</b>		
<i>Haemophilus influenzae</i> ATCC®33391	14	Turbid growth

### Enriched with 10% v/v horse blood

#### Aerobic incubation at 37 ± 2°C for 48 hours and subculture onto chocolate agar

<i>Neisseria meningitidis</i> ATCC®13077	24	Grey/brown cols
<i>Neisseria gonorrhoeae</i> NCTC11148	50	Grey/brown cols
<i>Neisseria gonorrhoeae</i> ATCC®19424	40	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	49	Turbid growth
<i>Escherichia coli</i> ATCC®25922	44	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. 2025.05.06

This certificate is produced electronically and valid without a signature.

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