

CERTIFICATE OF ANALYSIS

PRODUCT CM1032B
HEART INFUSION BROTH 500g

LOT NUMBER 3807045

EXPIRY DATE 2029.03.31

DATE OF MANUFACTURE 2024.02.29

Delivery/Customer information

Date Printed

2024.11.06

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

Aerobic incubation at 37 ± 2°C for 18 hours

Streptococcus pyogenes ATCC®19615

22

Turbid growth

Streptococcus pneumoniae ATCC®6303

16

Turbid growth

Streptococcus pneumoniae ATCC®6305

97

Turbid growth

Enterococcus faecalis ATCC®19433

28

Turbid growth

Pseudomonas aeruginosa ATCC®27853

34

Turbid growth

Anaerobic incubation at 37 ± 2°C for 18 hours

Streptococcus pneumoniae ATCC®6305

97

Turbid growth

Aerobic incubation at 37 ± 2°C for 48 hours

Candida albicans ATCC®10231

51

Turbid growth

Addition of 0.1% w/v bacteriological agar

Aerobic incubation at 37 ± 2°C for 48-72 hours

Bacteroides fragilis ATCC®25285

73

Turbid growth

Enriched with X & V factor discs

Aerobic incubation at 37 ± 2°C for 24 hours

Haemophilus influenzae ATCC®33391

77

Turbid growth

Enriched with 10% v/v horse blood

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

Neisseria meningitidis ATCC®13077

21

Grey/brown cols

Neisseria gonorrhoeae NCTC11148

41

Grey/brown cols

Neisseria gonorrhoeae ATCC®19424

64

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	54	Turbid growth
<i>Escherichia coli</i> ATCC®25922	57	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. 2024.10.30

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