

CERTIFICATE OF ANALYSIS

PRODUCT CM1135B
BRAIN HEART INFUSION BROTH 500g

LOT NUMBER 6293346

EXPIRY DATE 2030.07.31

DATE OF MANUFACTURE 2025.07.11

Delivery/Customer information

Date Printed

2025.08.14

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)	7.5	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	27	Turbid growth
<i>Streptococcus pneumoniae</i> ATCC®6303	55	Turbid growth
<i>Streptococcus pneumoniae</i> ATCC®6305	34	Turbid growth
<i>Enterococcus faecalis</i> ATCC®19433	38	Turbid growth
<i>Pseudomonas aeruginosa</i> ATCC®27853	68	Turbid growth

Anaerobic incubation at 37 ± 2°C for 18 hours

<i>Streptococcus pneumoniae</i> ATCC®6305	34	Turbid growth
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Aerobic incubation at 37 ± 2°C for 48 hours

<i>Candida albicans</i> ATCC®10231	52	Turbid growth
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Addition of 0.1% w/v bacteriological agar

Aerobic incubation at 37 ± 2°C for 48-72 hours		
<i>Bacteroides fragilis</i> ATCC®25285	53	Turbid growth

Enriched with X & V factor discs

Aerobic incubation at 37 ± 2°C for 24 hours		
<i>Haemophilus influenzae</i> ATCC®33391	47	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	29	Grey/brown cols
<i>Neisseria gonorrhoeae</i> NCTC11148	51	Grey/brown cols
<i>Neisseria gonorrhoeae</i> ATCC®19424	71	Grey/brown cols

Tube coagulase test

Aerobic incubation at 37 ± 2°C for 4 hours		
<i>Staphylococcus aureus</i> ATCC®9144	1E+04-1E+06	Positive

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Staphylococcus epidermidis ATCC®14990 1E+04-1E+06 Negative

Testing has been performed in accordance with ISO11133:2014

Aerobic incubation at 37 ± 2°C for 24 ± 2 hours

Staphylococcus aureus ATCC®25923 47 Turbid growth

Tested in accordance with current CLSI M22 A

Aerobic incubation at 33-37°C for 18 hours

Escherichia coli ATCC®25922 41 Turbid growth

Staphylococcus aureus ATCC®25923 47 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. 2025.08.14

This certificate is produced electronically and valid without a signature.

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