

CERTIFICATE OF ANALYSIS

PRODUCT CM0173B
THIOGLYCOLLATE FLUID MEDIUM USP 500g

LOT NUMBER 6252212

EXPIRY DATE 2030.04.30

DATE OF MANUFACTURE 2025.04.02

Delivery/Customer information

Date Printed

2025.04.17

Delivery No.

Customer

Customer Order Number

| Physical Characteristics | Results | Specification |
|--------------------------|-----------------------------|-----------------------------|
| Appearance | Straw powder | Straw powder |
| Colour on reconstitution | Straw/yellow with red layer | Straw/yellow with red layer |
| pH (25°C) | 7.0 | 6.9 - 7.3 |
| Clarity | Clear | Clear |

| Microbiological Performance | Initial Inoculum | Test Result |
|---|------------------|----------------------------------|
| Aerobic incubation at 33-37°C for 48 hours | | |
| <i>Staphylococcus aureus</i> ATCC®25923 | 1E+04-1E+06 | Turbid growth and/or single cols |
| <i>Bacteroides fragilis</i> ATCC®25285 | 1E+04-1E+06 | Turbid growth and/or single cols |

Tested in accordance with current USP/EP/BP/JP

Aerobic incubation at 30-35°C for 3 days

| | | |
|--|----|----------------------------------|
| <i>Staphylococcus aureus</i> ATCC®6538 | 36 | Turbid growth and/or single cols |
| <i>Kocuria rhizophila</i> ATCC®9341 | 58 | Turbid growth and/or single cols |
| <i>Pseudomonas aeruginosa</i> ATCC®9027 | 51 | Turbid growth and/or single cols |
| <i>Clostridium sporogenes</i> ATCC®19404 | 62 | Turbid growth and/or single cols |
| <i>Clostridium sporogenes</i> ATCC®11437 | 15 | Turbid growth and/or single cols |
| <i>Bacteroides vulgatus</i> ATCC®8482 | 86 | Turbid growth and/or single cols |

Aerobic incubation at 20-25°C for up to 3 days

| | | |
|------------------------------------|----|----------------------------------|
| <i>Bacillus subtilis</i> ATCC®6633 | 66 | Turbid growth and/or single cols |
|------------------------------------|----|----------------------------------|

Aerobic incubation at 20-25°C for 5 days

| | | |
|--|----|-------------------------------------|
| <i>Aspergillus brasiliensis</i> ATCC®16404 | 73 | White mycelia, without black spores |
| <i>Candida albicans</i> ATCC®10231 | 49 | Flocculent growth |

Testing has been performed in accordance with ISO11133:2014

Aerobic incubation at 37 ± 2°C for 21 ± 3 hours

| | | |
|--|----|----------------------------------|
| <i>C. perfringens</i> ATCC®13124 WDCM00007 | 84 | Turbid growth and/or single cols |
|--|----|----------------------------------|

Control Media: Tryptone Soya Agar, Columbia Blood Agar Base enriched with 5% v/v 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).
Refer to product specification for full details.

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| | |
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| PRODUCT | CM0173B |
| LOT NUMBER | THIOGLYCOLLATE FLUID MEDIUM USP 500g 6252212 |

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Lot Accepted. 2025.04.17

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