

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0463B  
STANDARD PLATE COUNT AGAR (APHA) 500g

**LOT NUMBER** 6302476

**EXPIRY DATE** 2030.08.31

**DATE OF MANUFACTURE** 2025.08.11

## Delivery/Customer information

Date Printed

2025.08.22

Delivery No.

Customer

Customer Order Number

| Physical Characteristics | Results      | Specification |
|--------------------------|--------------|---------------|
| Appearance               | Straw powder | Straw powder  |
| Colour on reconstitution | Straw 1      | Straw 1-2     |
| pH (25°C)                | 7.0          | 6.8 - 7.2     |
| Clarity                  | Clear        | Clear         |
| Thermophiles             | Absent       | Absent        |
| Mesophiles               | Absent       | Absent        |

| Microbiological Performance                        | Control cfu | Test cfu | Recovery % | Test Description |
|--|-------------|----------|------------|------------------|
| <b>Pour plate technique</b>                        |             |          |            |                  |
| <b>Aerobic incubation at 30 ± 2°C for 48 hours</b> |             |          |            |                  |
| <i>Staphylococcus aureus</i> ATCC®6538             | 35          | 34       | 97         | Straw cols       |
| <b>New Zealand Technical Manual (NZTM) strains</b> |             |          |            |                  |
| <b>Aerobic incubation at 30 ± 2°C for 48 hours</b> |             |          |            |                  |
| <i>Bacillus subtilis</i> ATCC®6051                 | 53          | 51       | 96         | Straw cols       |
| <b>Aerobic incubation at 55 ± 2°C for 48 hours</b> |             |          |            |                  |
| <i>Geobacillus stearothermophilus</i> ATCC®7953    | 13          | 12       | 92         | Straw cols       |

Testing has been performed in accordance with ISO11133:2014

Aerobic incubation at 30 ± 2°C for 72 ± 3 hours

Pour plate technique

**IMPORTANT- USE STOCK PLATE FOR *Bacillus subtilis*, OCC214, ATCC6633.**

**DO NOT SUBCULTURE FROM TSB OVERNIGHT CULTURE.**

|  |     |    |     |            |
|--|-----|----|-----|------------|
| <i>E. coli</i> ATCC®25922 WDCM00013    | 103 | 83 | 81  | Straw cols |
| <i>E. coli</i> ATCC®8739 WDCM00012     | 60  | 60 | 100 | Straw cols |
| <i>S. aureus</i> ATCC®25923 WDCM00034  | 73  | 60 | 82  | Straw cols |
| <i>B. subtilis</i> ATCC®6633 WDCM00003 | 76  | 92 | 121 | Straw cols |

Control Media: Standard Plate Count Agar (APHA) and Tryptone Soya Agar, where appropriate

For New Zealand Technical Manual (NZTM) strains, a satisfactory result is represented by recovery of positive strains equal to or greater than 85% of the control medium from and inoculum of 10-100 colony-forming units (cfu).

For all other strains, a satisfactory result is represented by recovery of positive strains equal or greater than 70% of the control medium. Refer to product specification for full details.

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|                   |   |
|-------------------|---|
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Lot Accepted. 2025.08.22

This certificate is produced electronically and valid without a signature.

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NCTC and National Collection of Type Cultures are registered trade marks of the Health Protection Agency.