

CERTIFICATE OF ANALYSIS

PRODUCT CM0463B
STANDARD PLATE COUNT AGAR (APHA) 500g

LOT NUMBER 6324226

EXPIRY DATE 2030.10.31

DATE OF MANUFACTURE 2025.10.06

Delivery/Customer information

Date Printed

2025.11.13

Delivery No.

Customer

Customer Order Number

Physical Characteristics
Results
Specification

Appearance
 Colour on reconstitution
 pH (25°C)
 Clarity
 Thermophiles
 Mesophiles

Straw powder
 Straw 1
 7.0
 Clear
 Absent
 Absent

Straw powder
 Straw 1-2
 6.8 - 7.2
 Clear
 Absent
 Absent

Microbiological Performance
**Control
cfu**
**Test
cfu**
**Recovery Test
% Description**
Pour plate technique
Aerobic incubation at 30 ± 2°C for 48 hours
Staphylococcus aureus ATCC®6538

34

37

109

Straw cols

New Zealand Technical Manual (NZTM) strains
Aerobic incubation at 30 ± 2°C for 48 hours
Bacillus subtilis ATCC®6051

17

17

100

Straw cols

Aerobic incubation at 55 ± 2°C for 48 hours
Geobacillus stearothermophilus ATCC®7953

13

13

100

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.
E. coli ATCC®25922 WDCM00013

85

68

80

Straw cols

E. coli ATCC®8739 WDCM00012

92

86

93

Straw cols

S. aureus ATCC®25923 WDCM00034

86

92

107

Straw cols

B. subtilis ATCC®6633 WDCM00003

53

49

92

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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www.ThermoFisher.com

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Lot Accepted. 2025.11.13

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