

CERTIFICATE OF ANALYSIS

PRODUCT CM0463B
STANDARD PLATE COUNT AGAR (APHA) 500g

LOT NUMBER 6297805

EXPIRY DATE 2030.08.31

DATE OF MANUFACTURE 2025.07.22

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 2	Straw 1-2
pH (25°C)	7.1	6.8 - 7.2
Clarity	Clear	Clear
Thermophiles	Absent	Absent
Mesophiles	Absent	Absent

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
Pour plate technique				
Aerobic incubation at 30 ± 2°C for 48 hours				
<i>Staphylococcus aureus</i> ATCC®6538	57	52	91	Straw cols
New Zealand Technical Manual (NZTM) strains				
Aerobic incubation at 30 ± 2°C for 48 hours				
<i>Bacillus subtilis</i> ATCC®6051	53	64	121	Straw cols
Aerobic incubation at 55 ± 2°C for 48 hours				
<i>Geobacillus stearothermophilus</i> ATCC®7953	18	20	111	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	88	91	103	Straw cols
<i>E. coli</i> ATCC®8739 WDCM00012	68	70	103	Straw cols
<i>S. aureus</i> ATCC®25923 WDCM00034	96	99	103	Straw cols
<i>B. subtilis</i> ATCC®6633 WDCM00003	66	63	95	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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Lot Accepted. 2025.08.14

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.