

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0463T  
STANDARD PLATE COUNT AGAR 5kg

**LOT NUMBER** 6275815

**EXPIRY DATE** 2030.06.30

**DATE OF MANUFACTURE** 2025.06.04

## Delivery/Customer information

Date Printed

2025.06.20

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
<b>Pour plate technique</b>				
<b>Aerobic incubation at 30 ± 2°C for 48 hours</b>				
<i>Staphylococcus aureus</i> ATCC®6538	65	64	98	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	20	21	105	Straw cols
<b>Aerobic incubation at 55 ± 2°C for 48 hours</b>				
<i>Geobacillus stearothermophilus</i> ATCC®7953	63	61	97	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	58	60	103	Straw cols
<i>E. coli</i> ATCC®8739 WDCM00012	91	96	105	Straw cols
<i>S. aureus</i> ATCC®25923 WDCM00034	67	58	87	Straw cols
<i>B. subtilis</i> ATCC®6633 WDCM00003	101	133	132	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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The accuracy of the information provided in this certificate of analysis / conformity is considered reliable. However, it is important to note that (i) the information is only applicable, and (ii) the product is only approved, for the product's intended use as specified on the label, specification, and website. No warranty is hereby implied. This certificate may only be reproduced in its entirety and cannot be replicated partially or in any altered form.

Lot Accepted. 2025.06.20

This certificate is produced electronically and valid without a signature.

ATCC is a registered trade mark of the American Type Culture Collection.

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