

## CERTIFICATE OF ANALYSIS

<b>PRODUCT</b>	<b>CM0463B</b> <b>STANDARD PLATE COUNT AGAR (APHA) 500g</b>
<b>LOT NUMBER</b>	6297805
<b>EXPIRY DATE</b>	2030.08.31
<b>DATE OF MANUFACTURE</b>	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
<b>Pour plate technique</b> <b>Aerobic incubation at 30 ± 2°C for 48 hours</b> <i>Staphylococcus aureus</i> ATCC®6538	57	52	91	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	64	121	Straw cols
<b>Aerobic incubation at 55 ± 2°C for 48 hours</b> <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 an 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. 2025.08.14

This certificate is produced electronically and valid without a signature.

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