

# CERTIFICATE OF ANALYSIS

**PRODUCT** CM0201B  
**BISMUTH SULPHITE AGAR (MOD) 500g**

**LOT NUMBER** 6224013

**EXPIRY DATE** 2026.02.28

**DATE OF MANUFACTURE** 2025.01.23

## Delivery/Customer information

Date Printed

2025.02.19

Delivery No.

Customer

Customer Order Number

Physical Characteristics	Results	Specification
Appearance	Light green powder	Light green powder
Colour on reconstitution	Light green	Light green
pH (25°C)	7.5	7.4 - 7.8
Clarity	Opaque	Opaque

  

Microbiological Performance	Control cfu	Test cfu	Recovery Test %	Description
<b>Aerobic incubation at 37°C for 48 hours</b>				
<i>Salmonella typhi</i> ATCC®19430	80	78	98	Black 'rabbit-eye' cols and sheen
<i>Salmonella typhimurium</i> ATCC®14028	55	41	75	Black cols with sheen
<i>Salmonella virchow</i> NCTC5742	78	98	126	Black cols with sheen
<i>Salmonella abony</i> NCTC6017	71	86	121	Black cols with sheen
<i>Salmonella poona</i> NCTC4840	12	12	100	Black cols with sheen
<i>Salmonella enteritidis</i> ATCC®13076	60	69	115	Green cols
<i>Escherichia coli</i> ATCC®25922	118	58	49	Green cols
<i>Escherichia coli</i> ATCC®8739	105	87	83	Green cols
<i>Klebsiella pneumoniae</i> ATCC®13883	153	150	98	Green cols
<i>Citrobacter freundii</i> ATCC®8090	131	108	82	Dark green cols
<i>Staphylococcus aureus</i> ATCC®6538	>1E+04	0	-	No growth
<i>Enterococcus faecalis</i> ATCC®29212	>1E+04	0	-	No growth
<i>Pseudomonas aeruginosa</i> ATCC®9027	>1E+04	-	-	Green cols

Control Medium: Tryptone Soya Agar

A satisfactory result is represented by recovery of *Salmonellae* strains equal to or greater than 70% of the control medium from an inoculum of 10-100 colony-forming units (cfu). Other organisms shall produce a recovery equal to or less than 100% of the control medium from an inoculum of 50-200 cfu. Negative strains are inhibited from an inoculum of 1E+04 to 1E+06 cfu. For *Pseudomonas aeruginosa* ATCC®9027, a satisfactory result is represented by a negative diagnostoc reaction from an inoculum of 1E+04 to 1E+06 cfu.

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. 2025.02.13

This certificate is produced electronically and valid without a signature.

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