

## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER** 6121369

**EXPIRY DATE** 2025.05.31

**DATE OF MANUFACTURE** 2024.05.13

## Delivery/Customer information

Date Printed

2024.07.11

Delivery No.

Customer

Customer Order Number

## Physical Characteristics

## Results

## Specification

Appearance  
Colour on reconstitution  
pH (25°C)  
Clarity

Light green powder  
Light green  
7.4  
Opaque

Light green powder  
Light green  
7.4 - 7.8  
Opaque

## Microbiological Performance

Control  
cfu

Test  
cfu

Recovery Test  
% Description

## Aerobic incubation at 37°C for 48 hours

<i>Salmonella typhi</i> ATCC®19430	71	51	72	Black 'rabbit-eye' cols and sheen
<i>Salmonella typhimurium</i> ATCC®14028	81	67	83	Black cols with sheen
<i>Salmonella virchow</i> NCTC5742	81	77	95	Black cols with sheen
<i>Salmonella abony</i> NCTC6017	71	71	100	Black cols with sheen
<i>Salmonella poona</i> NCTC4840	69	74	107	Black cols with sheen
<i>Salmonella enteritidis</i> ATCC®13076	70	62	89	Green cols
<i>Escherichia coli</i> ATCC®25922	88	76	86	Green cols
<i>Escherichia coli</i> ATCC®8739	68	59	87	Green cols
<i>Klebsiella pneumoniae</i> ATCC®13883	96	90	94	Green cols
<i>Citrobacter freundii</i> ATCC®8090	70	61	87	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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Lot Accepted. 2024.06.14

This certificate is produced electronically and valid without a signature.

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