

CERTIFICATE OF ANALYSIS

PRODUCT CM0201B
BISMUTH SULPHITE AGAR (MOD) 500g

LOT NUMBER 6261186

EXPIRY DATE 2026.05.31

DATE OF MANUFACTURE 2025.04.23

Delivery/Customer information

Date Printed

2025.06.13

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
Aerobic incubation at 37°C for 48 hours				
<i>Salmonella typhi</i> ATCC®19430	53	66	125	Black 'rabbit-eye' cols and sheen
<i>Salmonella typhimurium</i> ATCC®14028	39	47	121	Black cols with sheen
<i>Salmonella virchow</i> NCTC5742	86	94	109	Black cols with sheen
<i>Salmonella abony</i> NCTC6017	62	74	119	Black cols with sheen
<i>Salmonella poona</i> NCTC4840	77	73	95	Black cols with sheen
<i>Salmonella enteritidis</i> ATCC®13076	52	52	100	Green cols
<i>Escherichia coli</i> ATCC®25922	91	74	81	Green cols
<i>Escherichia coli</i> ATCC®8739	51	47	92	Green cols
<i>Klebsiella pneumoniae</i> ATCC®13883	52	52	100	Green cols
<i>Citrobacter freundii</i> ATCC®8090	55	55	100	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.

CERTIFICATE OF ANALYSIS

PRODUCT	CM0201B
LOT NUMBER	BISMUTH SULPHITE AGAR (MOD) 500g 6261186

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. 2025.05.30

This certificate is produced electronically and valid without a signature.

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

NCTC and National Collection of Type Cultures are registered trade marks of the Health Protection Agency.