

CERTIFICATE OF ANALYSIS

PRODUCT CM0201B
BISMUTH SULPHITE AGAR (MOD) 500g

LOT NUMBER 6105445

EXPIRY DATE 2025.04.30

DATE OF MANUFACTURE 2024.04.04

Delivery/Customer information	
Date Printed	2024.06.04
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)	7.4	7.4 - 7.8
Clarity	Opaque	Opaque

Microbiological Performance	Control	Test	Recovery Test	
	cfu	cfu	%	Description
Aerobic incubation at 37°C for 48 hours				
<i>Salmonella typhi</i> ATCC®19430	32	32	99	Black 'rabbit-eye' cols and sheen
<i>Salmonella typhimurium</i> ATCC®14028	46	52	113	Black cols with sheen
<i>Salmonella virchow</i> NCTC5742	64	78	122	Black cols with sheen
<i>Salmonella abony</i> NCTC6017	46	55	120	Black cols with sheen
<i>Salmonella poona</i> NCTC4840	76	80	105	Black cols with sheen
<i>Salmonella enteritidis</i> ATCC®13076	47	42	89	Green cols
<i>Escherichia coli</i> ATCC®25922	115	59	51	Green cols
<i>Escherichia coli</i> ATCC®8739	120	110	92	Green cols
<i>Klebsiella pneumoniae</i> ATCC®13883	93	81	87	Green cols
<i>Citrobacter freundii</i> ATCC®8090	62	62	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.

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Lot Accepted. 2024.05.13

This certificate is produced electronically and valid without a signature.

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