

## CERTIFICATE OF ANALYSIS

**PRODUCT** CM0533B  
S S AGAR (MODIFIED) 500g

**LOT NUMBER** 6210052

**EXPIRY DATE** 2030.01.31

**DATE OF MANUFACTURE** 2024.12.17

## Delivery/Customer information

Date Printed

2025.01.30

Delivery No.

Customer

Customer Order Number

## Physical Characteristics

## Results

## Specification

Appearance  
Colour on reconstitution  
pH (25°C)  
Clarity

Pink/red powder  
Pink/red  
7.3  
Clear

Pink/red powder  
Pink/red  
7.1 - 7.5  
Clear

## Microbiological Performance

Control  
cfu

Test  
cfu

Recovery Test  
% Description

## Aerobic incubation at 37°C for 18-24 hours

Mixed cultures challenged with 1E+03 to 1E+05 cfu *Escherichia coli* ATCC®8739

Inoculation using diminishing sweep technique

**NOTE:Salmonella colonies may only be visible in the secondary or tertiary bed of the mixed culture streak.**

<i>Salmonella enteritidis</i> ATCC®13076	5.7E+04	-	-	Straw cols with black centre
<i>Salmonella typhimurium</i> ATCC®14028	3.7E+04	-	-	Straw cols with black centre
<i>Salmonella virchow</i> NCTC5742	6.5E+04	-	-	Straw cols with black centre
<i>Shigella sonnei</i> ATCC®25931	7.2E+04	-	-	Irregular, translucent pink cols
<i>Shigella boydii</i> NCTC11462	4.7E+04	-	-	Irregular, translucent pink cols
<i>Shigella flexneri</i> ATCC®12022	4.5E+04	-	-	Translucent pink cols

## Pure cultures

<i>Salmonella typhimurium</i> ATCC®14028	99	75	76	Straw cols with black centre
<i>Shigella sonnei</i> ATCC®25931	72	54	75	Irregular, translucent pink cols
<i>Shigella dysenteriae</i> NCTC9721	60	46	77	Translucent pink cols
<i>Pseudomonas aeruginosa</i> ATCC®27853	49	44	90	Straw cols
<i>Proteus mirabilis</i> ATCC®12453	70	43	61	Straw cols, grey centre & no swarm
<i>Proteus mirabilis</i> ATCC®29906	79	70	89	Straw cols, grey centre & no swarm
<i>Escherichia coli</i> ATCC®11775	64	4	6	Pink cols
<i>Escherichia coli</i> ATCC®25922	43	0	0	No growth
<i>Enterococcus faecalis</i> ATCC®29212	>1E+04	0	-	No growth

Control Medium: Tryptone Soya Agar

For mixed cultures, a satisfactory result is represented by differential diagnostic reactions of *Salmonellae* and *Shigellae* strains and *Escherichia coli*.

For pure cultures, a satisfactory result is represented by recovery of *Salmonellae* and *Shigellae* strains equal to or greater than 70% of the control medium from an inoculum of 10-100 cfu.

For *Shigella dysenteriae* NCTC9721, a satisfactory result is represented by recovery equal to or greater than 50% of the control medium

OXOID LIMITED

Wade Road, Basingstoke, Hampshire RG24 8PW. England

www.ThermoFisher.com

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from an inoculum of 10-100 cfu.

For other strains, a satisfactory result is represented by recovery equal to or less than 100% of the control medium from an inoculum of 10-100 cfu.

Negative strains are inhibited or shall produce a negative diagnostic reaction.

Refer to product specification for full details.

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. 2025.01.24

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.

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